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# PUBLICATIONS 2018

**BRIGHTER WORLD**

## ADACHI, J.

Gajic-Veljanoski O, Papaioannou A, Kennedy C, Ioannidis G, Berger C, Wong AKO, Rockwood K, Kirkland S, Raina P, Thabane L, Adachi JD for the CaMos Research Group Osteoporotic fractures and obesity affect frailty progression: a longitudinal analysis of the Canadian multicentre osteoporosis study. *BMC Geriatrics*. 2018;18(1):4.

Ward LM, Kinnett K, Bonewald L, Parent Project Muscular Dystrophy Bone Health Workshop Collaborators. Proceedings of a parent project muscular dystrophy bone health workshop: morbidity due to osteoporosis in dmd: the path forward May 12-13, 2016, Bethesda, Maryland, USA. *Neuromuscul Disord*. 2018 Jan;28(1):64-76.

Chan ACH, Adachi JD, Papaioannou A, Wong AKO. Investigating the effects of motion streaks on the association between pQCT-derived leg muscle density and fractures in postmenopausal women. *J Clin Dens*. 2018;21(1):130-9.

Li G, Abbade L, Nwosu I, Jin T, Leenus A, Maaz M, Wang M, Bhatt M, Zielinski L, Sanger N, Bantoto B, Luo C, Shams I, Shahid H, Chang Y, Sun G, Mbuagbaw L, Samaan Z, Levine M, Adachi J, Thabane L A systematic review of comparisons between protocols or registrations and full reports in primary biomedical research. *BMC Med Res Methodol*. 2018 Jan;18(1):9.

Lau AN, Wong-Pack M, Rodjanapiches R, Ioannidis G, Wade S, Spangler L, Balasubramanian A, Pannacciulli N, Lin CJF, Roy-Gayos P, Bensen WG, Bensen R, Adachi JD. Occurrence of serious infection in patients with rheumatoid arthritis treated with biologics and denosumab observed in a clinical setting. *J Rheumatol*. 2018 Feb;45(2):170-6.

Modi A, Sen S, Adachi JD, Adami S, Cortet B, Cooper AL, Geusens P, Mellström D, Weaver JP, van den Bergh JP, Keown P, Sajjan S. The impact of GI events on persistence and adherence to osteoporosis treatment: 3, 6, and 12 month findings in the MUSIC-OS study *Osteoporos Int*. 2018 Feb;29(2):329-37.

Li G, Adachi JD. Systematic review of the effect of denosumab on children with osteogenesis imperfect showed inconsistent findings. *Acta Paediatr*. 2018 Mar;107(3):534-7.

Amiche MA, Lévesque LE, Gomes T, Adachi J, Cadarette S. Effectiveness of oral bisphosphonates in reducing fracture risk among oral glucocorticoid users: three matched cohort analyses. *J Bone Miner Res*. 2018 Mar;33(3):419-29.

Allen T, Hollingham Z, MacWhirter J, Welsh M, Negm A, Adachi JD, MacIntyre N. Inter-rater reliability of Dartfish™ movement analysis software for measuring maximum flexion and extension at the hip and knee in older adults with osteoporosis and osteopenia. *Physiother Theory Pract*. 2018 Mar;28:1-9.

Nichols E, O'Hara NN, Degani Y, Sprague SA, Adachi JR, Bhandari M, Holick MF, Connelly DW, Slobogean G. Patient preferences for nutritional supplementation to improve fracture healing: a discrete-choice experiment. *BMJ Open*. 2018;8:e019685.

Lentle B, Berger C, Probyn L, Brown J, Langsetmo L, Fine B, Lian K, Shergill A, Trollip J, Jackson S, Leslie B, Prior JC, Kaiser S, Hanley DA, Cheung A, Adachi JD, Towheed T, Davison KS, Cheung AM, Goltzman D for the CaMos research group. Comparative analysis of the radiology of osteoporotic vertebral fractures in women and men: Cross-sectional and longitudinal observations from the Canadian Multicentre Osteoporosis Study (CaMos). *J Bone Miner Res*. 2018 Apr;33(4):569-79.

“Over the last two years, faculty members have achieved extraordinary success in publishing their work, and are frequently cited in the medical field’s most prestigious journals.

— Dr. David Farrar

Kuntz AB, Chopp-Hurley JN, Brennehan EC, Karampatos S, Weibenga EG, Adachi JD, Noseworthy MD, Maly MR. Efficacy of a biomechanically-based yoga exercise program in knee osteoarthritis: A randomized controlled trial *Plos One*. 2018 Apr 17;13(4):e0195653.

Li G, Jin Y, Mbuagbaw L, Dolovich L, Adachi JD, Levine MAH, Cook D, Samaan Z, Thabane L. Enhancing research publications and advancing scientific writing in health research collaborations: sharing lessons learnt from the trenches. *J Multidiscip Health*. 2018 May 17;11:245-54.

Saag KG, Wagman RB, Geusens P, Adachi JD, Messina OD, Emkey R, Chapurlat R, Wang A, Pannacciulli N, Lems W. Denosumab compared with risedronate in glucocorticoid-induced osteoporosis: a multicenter, randomized, double-blind, active-controlled, double dummy, non-inferiority study. *Lancet Diabetes Endocrinol*. 2018 Jun;6(6):445-54.

Brajic TS, Berger C, Schlammerl K, Macdonald H, Kalyan S, Hanley DA, Adachi JD, Kovacs CS, Prior JC, for the CaMos Research Group. Combined hormonal contraceptives use and bone mineral density changes in adolescent and young women in a prospective population-based Canada-wide observational study. *J Musculoskelet Neuronal Interact*. 2018 Jun 1;18(2):227-36.

Gibbs JC, Brown ZM, Wong AKO, Craven BC, Adachi JD, Giangregorio LM. Measuring marrow density and area using peripheral quantitative computed tomography at the tibia: precision in young and older adults and individuals with spinal cord injury *J Clin Densitom*. 2018 Apr - Jun;21 (2):269-80.

Negm A, Kennedy CC, Ioannidis G, Gajic-Velanoski O, Lee J, Thabane L, Adachi JD, Marr S, Lau A, Atkinson S, Petruccioli D, DeBeer J, Winemaker M, Avram V, Deheshi, Richardson J, Papaioannou A. Getting fit for hip and knee replacement: a protocol for the fit joints pilot randomized controlled trial of a multi-modal intervention in frail patients with osteoarthritis. *Pilot and Feasibility Studies*. 2018 Jul 20;4:127.

Moore CD, Craven BC, Thabane L, Papaioannou A, Adachi JD, Giangregorio LM. Does muscle atrophy and fatty infiltration plateau or persist in chronic spinal cord injury? *Journal of Clinical Densitometry: Assessment & Management of Musculoskeletal Health*. 2018;21(3):329-37.

Lentle BC, Oei EH, Goltzman D, Rivadeneira F, Hammond I, Oei L, Kovacs CS, Hanley DA, Prior JC, Leslie WD, Kaiser SM, Adachi JD, Probyn L, Brown J, Cheung AM, Towheed T. Vertebral fractures and morphometric deformities. *J Bone Miner Res*. 2018;33(8) Aug:1544-5.

Agarwal A, Oparin Y, Glick L, Fitzcharles MA, Adachi JD, Cooper MD, Gallo L, Wong L, Busse JW. Attitudes Toward and Management of Fibromyalgia: A National Survey of Canadian Rheumatologists and Critical Appraisal of Guidelines. *J Clin Rheumatol*. 2018 Aug;24(5):243-9.

## PUBLICATIONS

Jin Y, Sanger N, Shams I, Luo C, Shahid H, Li G, Bhatt M, Zielinski L, Bantoto B, Wang M, Abbade LP, Nwosu I, Leenus A, Mbuagbaw L, Maaz M, Chang Y, Sun G, Levine MA, Adachi JD, Thabane L, Samaan Z. Does the medical literature remain inadequately described despite having reporting guidelines for 21 years? - A systematic review of reviews: an update. *J Multidiscip Healthc*. 2018 Sep 27;11:495-510.

Giangregorio L, Gibbs JC, Templeton JA, Adachi JD, Ashe MC, Bleakney RR, Cheung AM, Hill KD, Kendlar DL, Khan AA, Kim SM, Arthur C, Mittman N, Papaioannou A, Prasad S, Scherer SC, Thabane L, Wark JD. Build better bones with exercise (B3E pilot trial): results of a feasibility study of a multicenter randomized controlled trial of 12 months of home exercise in older women with vertebral fracture. *Osteoporos Int*. 2018;29(11):2545-56.

Negm A, Ioannidis G, Jantzi M, Jenn Bucek J, Giangregorio L, Pickard L, Hirdes J, Adachi JD, Richardson J, Thabane L, Papaioannou A. Validation of a one-year fracture prediction 3 tool for absolute hip fracture risk in long 4 term care residents. *BMC Geriatr*. 2018 Dec 27;18(1):320.

### AINSWORTH, C.

Honarmand K, Mephram C, Ainsworth C, Khalid Z. Adherence to Advance Cardiovascular Life Support Guidelines During In-Hospital Cardiac Arrest is Associated with Improved Outcomes. *Resuscitation*. 2018;129:76-81.

Kavsak PA, Ainsworth C, Arnold DM, Scott T, Clark L, Ivica J, Mackett K, Whitlock R, Worster A. The potential role of a turbidimetric heart-type fatty acid-binding protein assay to aid in the interpretation of persistently elevated, non-changing, cardiac troponin I concentrations. *Clin Biochem*. 2018;58:53-9.

Kavsak PA, Roy C, Malinowski P, Ching-Tong M, Scott T, Clark L, Lamers S, Ainsworth C. Macrocomplexes and discordant high-sensitivity cardiac troponin concentrations. *Ann Clin Biochem*. 2018;55(4):500-4.

### AL-NEDAWI, K.

Al-Nedawi K. Cancer Cells Hijack the Genome of other Cell via Extracellular Vesicles. *Biomed J Sci & Tech Res*. 2018;5(4):1-3.

Al Saleh HA, Haas-Neill S, Al-Hashimi A, Kapoor A, Shayegan B, Austin RC, Al-Nedawi K. Thrombotic characteristics of extracellular vesicles derived from prostate cancer cells. *The Prostate*. 2018;78(13):953-61.

### BATES, S.

Leffert L, Butwick A, Carvalho B, Arendt K, Bates SM, Friedman A, Horlocker T, Houle T, Landau R, Dubois H, Fernando R, Houle T, Kopp S, Montgomery D, Pellegrini J, Smiley R, Toledo P, and members of the SOAP VTE Taskforce. The Society for Obstetric Anesthesia and Perinatology consensus statement on the anesthetic management of pregnant and postpartum women receiving thromboprophylaxis or higher dose anticoagulants. *Anesth Analg*. 2018;126:928-44.

Gosselin RC, Adcock DM, Bates SM, Douxfils J, Favaloro EJ, Gouin-Thibault I, Guillermo C, Kawai Y, Lindhoff-Last E, Kitchen S. International Council for Standardization in Haematology (ICSH) recommendations for laboratory measurement of direct oral anticoagulants. *Thromb Haemost*. 2018 Mar;118(3):437-50.

Lim W, Le Gal G, Bates SM, Righini M, Haramati LB, Lang E, Kline JA, Chateen S, Synder M, Patel P, Bhat M, Patel P, Braun C, Begum H, Wiercioch W, Schunemann H, Mustafa RA. American Society of Hematology 2018 guidelines for management of venous thromboembolism: diagnosis of venous thromboembolism. *Blood Advances*. 2018;2:3226-56.

Bates SM, Rajashekhar A, Middeldorp S, McLintock C, Rodger MA, James AH, Vazquez SR, Greer IA, Riva JR, Bhatt M, Schwab N, Barrett

D, LaHaye A, Rochweg B. American Society of Hematology 2018 guidelines for management of venous thromboembolism: venous thromboembolism in the context of pregnancy. *Blood Advances*. 2018;2:3317-59.

### BAW, B.

#### Book Chapters

Baw B. Carbon Monoxide Toxicity. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, Ed.) Brush Education. 2018.

Baw B. E Austin. Acetaminophen Toxicity. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, Ed.) Brush Education. 2018.

### BHAGIRATH, VC.

Bhagirath VC, Eikelboom JW, Anand SS. Low-dose rivaroxaban plus aspirin for the prevention of cardiovascular events: an evaluation of COMPASS. *Future Cardiol*. 2018 Nov;14(6):443-53.

Piran S, Traquair H, Chan N, Bhagirath V, Schulman S. Peak plasma concentration of direct oral anticoagulants in obese patients weighing over 120 kilograms: A retrospective study. *Res Pract Thromb Haemost*. 2018 Aug 29;2(4):684-8.

Kruger PC, Hirsh J, Bhagirath VC, Xu K, Dale B, de Vries TAC, Ginsberg JS, Eikelboom JW, Chan NC. In Vitro Reversal of the Anti-Aggregant Effect of Ticagrelor Using Untreated Platelets. *Thromb Haemost*. 2018 Nov;118(11):1895-901.

Xu K, Chan NC, Hirsh J, Ginsberg JS, Bhagirath V, Kruger P, Dale B, Crowther M, Whitlock RP, Li C, Eikelboom JW. Quantifying immature platelets as markers of increased platelet production after coronary artery bypass grafting surgery. *Eur J Haematol*. 2018 Sep;101(3):362-7.

Monagle SR, Hirsh J, Bhagirath VC, Ginsberg JS, Bosch J, Kruger P, Eikelboom JW. Impact of cost on use of non-vitamin K antagonists in atrial fibrillation patients in Ontario, Canada. *J Thromb Thrombolysis*. 2018 Oct;46(3):310-5.

Kearon C, Parpia S, Spencer FA, Baglin T, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid Antibodies and Recurrent Thrombosis after a First Unprovoked Venous Thromboembolism. *Blood*. 2018 May 10;131(19):2151-60.

Chan TM, Jo D, Shih AW, Bhagirath VC, Castellucci LA, Yeh C, Thoma B, Tseng EK, de Wit K. The Massive Online Needs Assessment (MONA) to inform the development of an emergency haematology educational blog series. *Perspect Med Educ*. 2018 Jun;7(3):219-23.

### CHAN, N.

Chan N, Gross P, Weitz J. Addressing the burden of hospital-related venous thromboembolism: The role of extended anticoagulant prophylaxis. *Journal of Thrombosis and Haemostasis*. 2018;16:413-7.

Chan N, Sager PT, Lawrence J, Reilly P, Berkowitz S, Kubitzka D, Eikelboom J, Florian J, Stockbridge N, Rose M. Is there a role for pharmacokinetic/pharmacodynamic-guided dosing for novel oral anticoagulants? *American heart journal*. 2018;199:59-67.

Chan NC, Weitz JI. Antiplatelet therapy in the management of atherothrombosis: Recent clinical advances. *Blood advances*. 2018;2:1806.

Kruger PC, Hirsh J, Bhagirath VC, Xu K, Dale B, de Vries TA, Ginsberg JS, Eikelboom JW, Chan NC. In vitro reversal of the anti-aggregant effect of ticagrelor using untreated platelets. *Thrombosis and haemostasis*. 2018;118:1895-901.

Lim MS, Indran T, Cummins A, Bennett A, Wood E, Brown S, McQuilten Z, Tran H, Epi MC, Chan NC, Chunilal S. Utility of a nurse-led pathway

for patients with acute venous thromboembolism discharged on rivaroxaban: A prospective cohort study. *Seminars in thrombosis and hemostasis*. 2019 Mar;45(2):187-95. Epub 2018 Dec 19.

Piran S, Traquair H, Chan N, Bhagirath V, Schulman S. Peak plasma concentration of direct oral anticoagulants in obese patients weighing over 120 kilograms: A retrospective study. *Research and Practice in Thrombosis and Haemostasis*. 2018;2:684-8.

Piran S, Traquair H, Chan N, Robinson M, Schulman S. Incidence and risk factors for acute kidney injury in patients with excessive anticoagulation on warfarin: A retrospective study. *Journal of thrombosis and thrombolysis*. 2018;45:557-61.

Traquair H, Chan N, Robinson M, Schulman S, Piran S. Does warfarin really cause acute kidney injury? A retrospective study. *American Journal of Hematology*. 2018;93:E67-E67.

Xu K, Chan NC, Eikelboom JW. The value of novel oral anticoagulants in rural Australia. *The Medical Journal of Australia*. 2018;208:15-6.

Xu K, Chan NC, Hirsh J, Ginsberg JS, Bhagirath V, Kruger P, Dale B, Crowther M, Whitlock RP, Li C. Quantifying immature platelets as markers of increased platelet production after coronary artery bypass grafting surgery. *European journal of haematology*. 2018;101:362-7.

## CHAN, T.

Quinn A, Chan T, Sampson C, Grossman C, Butts C, Casey J, Caretta-Weyer H, Gottlieb M. Curated Collections for Educators: Five Key Papers on Evaluating Digital Scholarship. *Cureus*. 2018;10(1):e2021.

Chan TM, Trueger NS, Roland D, Thoma B. Evidence-Based Medicine in the Era of Social Media: Scholarly Engagement via Participation and Online Interaction. *Canadian Journal of Emergency Medicine*. 2018;20(1):3-8.

Thoma B, Camorlinga P, Chan TM, Hall AK, Murnaghan A, Sherbino J. A Writer's Guide to Education Scholarship: Quantitative Methodologies for Medical Education Research (Part 1). *Canadian Journal of Emergency Medicine*. 2018;20(1):125-31.

Lien K, Chin A, Helman A, Chan TM. A Randomized Comparative Trial of the Knowledge Retention and Usage Conditions in Undergraduate Medical Students Using Podcasts and Blog Posts. *Cureus*. 2018;10(1):e2065.

Gisondi MA, Chou A, Joshi N, Sheehy MK, Zaver F, Chan TM, Riddell J, Sifford DP, Lin M. Curriculum Design and Implementation of the Emergency Medicine Chief Resident Incubator. *Cureus*. 2018;10(2):e2223.

Zhang XC, Lee H, Rodriguez C, Rudner J, Chan TM, Papnagnou D. Trapped as a Group, Escape as a Team: Applying Gamification to Incorporate Team-building Skills Through an 'Escape Room' Experience. *Cureus*. 2018;0(3):e2256.

Chan TM, Ting D, Hall AK, Murnaghan A, Thoma B, McEwen J, Yarris L. A Writer's Guide to Education Scholarship: Qualitative Scholarship (Part 2). *Canadian Journal of Emergency Medicine*. 2018;20(2):284-92.

Lo A, Shappell E, Rosenberg H, Thoma B, Ahn J, Trueger NS, Chan TM. Four strategies to find, evaluate, and engage with online resources in emergency medicine. *Canadian Journal of Emergency Medicine*. 2018;20(2):293-9.

Thoma B, Murray H, Huang SYM, Milne WK, Martin LJ, Bond CM, Mohindra R, Chin A, Yeh C, Sanderson WB, Chan TM. The impact of social media promotion with infographics and podcasts on research dissemination and readership. *Canadian Journal of Emergency Medicine*. 2018;20(2):300-6.

Chen E, Tsoy D, Upadhye S, Chan TM. The Acute Care of Chronic Pain Study: Perceptions of Acute Care Providers on Chronic Pain, a Social Media-based Investigation. *Cureus*. 2018;10(3):e2399.

Franzen D, Cooney R, Chan T, Brown M, Diercks DB. Scholarship by the Clinician Educator in Emergency Medicine. *AEM Education and Training*. 2018;2(2):107-14.

Chan TM, Mercuri M, Van Dewark K, Sherbino J, Schwartz A, Norman G, Lineberry M. Managing Multiplicity: Conceptualizing physician cognition in multi-patient environments. *Academic Medicine*. 2018;93(5):786-93.

Chan TM, Van Dewark K, Sherbino J, Lineberry M. Coaching for Chaos: A Qualitative Study of Instructional Methods for Multipatient Management in the Emergency Department. *AEM Educ Train*. 2018 Dec 28;3(2):145-55.

Gottlieb M, Lam K, Shamsoun S, Chan TM. Comparative Analysis of Junior and Senior Clinician Educator Evaluation of Relevant Articles Within Medical Education. *Cureus*. 2018;10(5):e2594.

Hall AK, Hagel C, Chan TM, Thoma B, Murnaghan A, Bhanji F. The Writer's Guide to Education Scholarship in Emergency Medicine: Education Innovations (Part 3). *Canadian Journal of Emergency Medicine*. 2018;20(3):563-70.

Thoma B, Sebok-Syer SS, Colmers-Gray I, Sherbino J, Ankel F, Trueger NS, Grock A, Siemens M, Paddock M, Purdy E, Milne WK, Chan TM. Quality Evaluation Scores Are No More Reliable Than Gestalt in Evaluating the Quality of Emergency Medicine Blogs: A METRIQ Study. *Teaching and Learning in Medicine*. 2018;30(3):294-302.

Chan TM, Jo D, Shih AW, Bhagirath VC, Castellucci LA, Yeh C, Tseng EK, Thoma B, De Wit K. The Massive Online Needs Assessment (MONA) to inform the development of an emergency hematology educational blog series. *Perspectives on Medical Education*. 2018;7(3):219-23.

Murnaghan A, Weersink K, Thoma B, Hall AK, Chan TM. (In Press) The Writer's Guide to Education Scholarship in Emergency Medicine: Systematic Reviews and the Scholarship of Integration (Part 4). *Canadian Journal of Emergency Medicine*. 2018;20(4):626-33.

Azim A, Beck-Esmay J, Chan TM. Editorial processes in Free Open Access Medical educational (FOAM) Resources. *AEM Education and Training*. 2018;2(3):204-12.

Patocka C, Lin M, Voros J, Chan T. Point-of-care resource use in the emergency department: a developmental model. *AEM Education and Training*. 2018;2(3):221-8.

Paetow G, Zaver F, Gottlieb M, Chan TM, Lin M, Gisondi MA. Online Mastermind Groups: A Non-hierarchical Mentorship Model for Professional Development. *Cureus*. 2018;10(7):e3013.

Messman A, Krzyzaniak SM, Alden S, Pasirstein MJ, Chan TM. Recommendations for the Development and Implementation of a Residents as Teachers Curriculum. *Cureus*. 2018;10(7):e3053.

Shaikh S, Stratton T, Pardhan A, Chan TM. Exploring Policy Change in the Emergency Department: A Qualitative Approach to Understanding Local Policy Creation and the Barriers to Implementing Change. *Cureus*. 2018;20(8):e3086.

Chan TM, Gottlieb M, Sherbino J, Cooney R, Boysen-Osborn M, Swaminathan A, Ankel F, Yarris LM. The ALiEM Faculty Incubator: A Novel Online Approach to Faculty Development in Education Scholarship. *Academic Medicine*. 2018;93:1497-502.

Gottlieb M, Arno KL, Kuhns M, Chan TM. Length and Distribution of Clinical Rotations Among Emergency Medicine Residency Programs in the United States. *AEM Education and Training*. 2018;2(4):288-92.

Huang S, Martin LJ, Yeh CH, Chin A, Murray H, Sanderson WB, Mohindra R, Chan TM, Thoma B. The effect of an infographic-based promotion strategy on research dissemination and readership. *Canadian Journal of Emergency Medicine*. 2018;20(6):826-33.

Khan T, Chan T. Intrinsic CanMEDS Competencies Expected of Medical Students During Emergency Medicine Core Rotation: A Needs

# PUBLICATIONS

Assessment. *Cureus* 2018;10(9):e3316.

Thoma B, Chan T, Kapur P, Sifford D, Siemens M, Paddock M, Ankel F, Grock A, Lin M. The Social Media Index as an indicator of quality for emergency medicine blogs: A METRIQ Study. *Annals of Emergency Medicine*. 2018;72(6):696-702.

Bazak SJ, Sherbino J, Upadhye S, Chan T. Ascertain top evidence in emergency medicine: A modified Delphi study. *CJEM*. 2019 Mar;21(2):291-5. Epub 2018 Jun 21.

Chen E, Tsoy D, Upadhye S, Chan TM. The Acute Care of Chronic Pain Study: Perceptions of Acute Care Providers on Chronic Pain, a Social Media-based Investigation. *Cureus*. 2018 Mar 30;10(3):e2399.

Woods R, Chan T, Thoma B, Sherbino J. Education scholarship in Canadian emergency medicine: The past, present, and future. *Can J Emerg Med*, 2018;20(2):164-6.

Chan TM, Sebok-Syer S, Thoma B, Wise A, Sherbino J, Pusic M. Learning Analytics in Medical Education Assessment: The Past, The Present, and The Future. *AEM Education and Training*. 2018;2(2):178-87.

McLean P, Chan TM. Stories, Voices, and Explanations: How Qualitative Methods may help to augment Emergency Medicine Research. *Canadian Journal of Emergency Medicine*. 2018;2(4):491-2.

Chan TM, Jo D, Shih AW, Bhagirath VC, Castellucci LA, Yeh C, Thoma B, Tseng EK, de Wit K. The massive online needs assessment (MONA) to inform the development of an emergency haematology educational blog series. *Perspect Med Educ*. 2018;7:219.

## CLARK, D.

Clark DA, McCready ME, Harris K, Malloy L, Arredondo JL. Trophoblast CD200 expression in successful human pregnancies and missed abortions. *J. Reprod. Immunol*. 2018;127:55-7.

Clark D, Dmetrichuk J, Dhesy-Thind S, Crowther M, Arredondo J. Suble CD200 in secretory phase endometrial venules may explain endometriosis pathophysiology and provide a novel treatment target. *J. Reprod. Immunol*. 2018;129:57-67.

## CONEN, D.

Zabel M, Sticherling C, Willems R, Lubinski A, Bauer A, Bergau L, Braunschweig F, Brugada J, Brusich S, Conen D, Cygankiewicz I, Flevari P, Taborsky JH, Hansen J, Hasenfuß G, Hatala R, Huikuri HV, Iovse S, Käb S, Kaliska G, Kasprzak JD, Lüthje L, Malik M, Novotny T, Pavlovic N, Schmidt G, Shalghanov T, Sriharan R, Schlögl S, Szavits Nossan J, Traykov V, Tuinenburg AE, Velchev V, Vos MA, Willich SN, Friede T, Svendsen JH, Merkely B; EU-CERT-ICD Study Investigators. Rationale and design of the EU-CERT-ICD prospective study: comparative effectiveness of prophylactic ICD implantation. *ESC Heart Fail*. 2019;6:182-193. Epub October 2018.

Berger S, Meyre P, Blum S, Aeschbacher S, Ruegg M, Briel M, Conen D. Bariatric surgery among patients with heart failure: a systematic review and meta-analysis. *Open Heart*. 2018;5:e000910.

Ruperti Repilado FJ, Doerig L, Blum S, Aeschbacher S, Krisai P, Ammann P, Erne P, Moschovitis G, di Valentino M, Shah D, Schläpfer J, Stempfeler S, Kühne M, Sticherling C, Osswald S, Conen D. Prevalence and predictors of atrial fibrillation type among individuals with recent onset of atrial fibrillation. *Swiss Med Wkly*. 2018;148:w14652.

Egli P, Aeschbacher S, Bossard M, Eggimann L, Blum S, Meyre P, Bargetzi L, Estis J, Todd J, Risch M, Risch L, Conen D. Relationships of kidney injury molecule-1 with renal function and cardiovascular risk factors in the general population. *Clin Chim Acta*. 2018;478:13-7.

McIntyre WF, Conen D, Olshansky B, Halperin JL, Hayek E, Huisman MV, Lip GYH, Lu S, Healey JS. Stroke-prevention strategies in North American patients with atrial fibrillation: The GLORIA-AF registry program. *Clin Cardiol*. 2018;41:744-51.

Bessissow A, Agzarian J, Shargall Y, Srinathan S, Neary J, Tandon V, Finley C, Healey JS, Conen D, Rodseth R, Pettit S, Dechert W, Regalado O, Ramasundarahettige C, Alshalash S, Devereaux PJ. Colchicine for Prevention of Perioperative Atrial Fibrillation in patients undergoing lung resection surgery: a pilot randomized controlled study. *Eur J Cardiothorac Surg*. 2018;53:945-51.

Bernasconi R, Aeschbacher S, Blum S, Mongiat M, Girod M, Todd J, Estis J, Nolan N, Renz H, Risch L, Conen D, Risch M. Fibroblast Growth Factor 23 and renal function among young and healthy individuals. *Clin Chem Lab Med*. 2018;56:1483-9.

McIntyre WF, Um KJ, Cheung CC, Belley-Côté EP, Dingwall O, Devereaux PJ, Wong JA, Conen D, Whitlock RP, Connolly SJ, Seifer CM, Healey JS. Atrial Fibrillation Detected Initially during Acute Medical Illness: a Systematic Review. *Eur Heart J Acute Cardiovasc Care*. 2019;8:130-41. Epub 2018 Nov 7.

Evangelou E, Warren HR, Mosen-Ansorena D, Mifsud B, Pazoki R, Gao H, Ntritsos G, Dimou N, Cabrera CP, Karaman I, et al on behalf of the Million Veteran Program, Psaty BM, Tzoulaki I, Barnes MR, Wain LV, Elliott P, Caulfield MJ. Genetic analysis of over 1 million people identifies 535 novel loci associated with blood pressure traits. *Nat Genet*. 2018;50:1412-25.

McIntyre WF, Mendoza PA, Belley-Côté EP, Whitlock RP, Um KJ, Maystrenko N, Devereaux PJ, Conen D, Wong JA, Connolly SJ, Healey JS. Design and Rationale of the Atrial Fibrillation Occurring Transiently with Stress (AFOTS) Follow-Up Cohort Study. *Clin Cardiol*. 2018;41:1273-80.

Blum S, Meyre P, Aeschbacher S, Berger S, Auberson C, Briel M, Osswald S, Conen D. Incidence and Predictors of Atrial Fibrillation Progression: A Systematic Review and Meta-Analysis. *Heart Rhythm*. 2019;16:502-10. Epub ahead of print 2018.

Aeschbacher S, Conen D. Healthy lifestyle and prevention of atrial fibrillation: Weighty matters. *Eur J Prev Cardiol*. 2018;25:1371-3.

Aeschbacher S, O'Neal WT, Krisai P, Loehr L, Chen LY, Alonso A, Soliman EZ, Conen D. Relationship between QRS duration and incident atrial fibrillation. *Int J Cardiol*. 2018;266:84-8.

Brasier N, Engelter S, Kolbitsch T, Tabord A, Knobeloch J, Kühne M, Conen D, Traenka C, Kreuzberger T, Völlmin G, Eckstein J. The quest for indicators of paroxysmal atrial fibrillation in sinus rhythm - the DETECT AF trial. *Acta Cardiol*. 2019 Aug;74(4):301-7. Epub 2018 Aug 19.

Filipovic MG, Aeschbacher S, Reiner MF, Stivala S, Gobbato S, Bonetti N, Risch M, Risch L, Camici GG, Luescher TF, von Schacky C, Conen D, Beer JH. Whole blood Omega-3 fatty acid concentrations are inversely associated with blood pressure in young, healthy adults. *J Hypertens*. 2018;36:1548-54.

Van der Stouwe J, Carmeli C, Aeschbacher S, Schoen T, Krisai P, Wenger G, Ehret G, Ponte B, Pruijm M, Ackermann D, Guessous I, Paccaud F, Pechère-Bertschi A, Vogt B, Mohaupt MG, Martin PY, Burnier M, Risch M, Risch L, Bochud M, Conen D. Association of 24-hour blood pressure with urinary sodium excretion in healthy adults. *Am J Hypertens*. 2018;31:784-91.

Sticherling C, Arendacka B, Svendsen JH, Wijers S, Friede T, Stockinger J, Dommasch M, Merkely B, Willems R, Lubinski A, Scharfe M, Braunschweig F, Svetlosak M, Zúñiga CS, Huikuri H, Flevari P, Lund-Andersen C, Schaer BA, Tuinenburg AE, Bergau L, Schmidt G, Szeplaki G, Vanderberk B, Kowalczyk E, Eick C, Juntilla J, Conen D, Zabel M, for the EU-CERT-ICD Investigators. Sex differences in outcomes of primary prevention implantable cardioverter defibrillator therapy: combined registry data from eleven European countries. *Europace*. 2018;20:963-70.

Turakhia MP, Blankestijn PJ, Carrero JJ, Clase CM, Deo R, Herzog CA, Kasner SE, Passman RS, Pecoits-Filho R, Reinecke H, Shroff GR, Zareba W, Cheung M, Wheeler DC, Winkelmayr WC, Wanner C; Conference Participants. [Conen D: Conference Participant]. Chronic kidney disease and arrhythmias: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. *Eur*



Heart J. 2018;39:2314-25.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccard BM, Xavier D, Szczeklik W, Meyhoff C, Vincent J, Franzosi MG, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoefl A, Yusuf S; MANAGE Investigators. [Conen D: Contributor, member of the MANAGE Study Group]. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. *Lancet*. 2018;391:2325-34.

Wong JA, Conen D, Van Gelder IC, McIntyre WF, Crijns HJ, Wang J, Gold MR, Hohnloser SH, Lau CP, Capucci A, Israel CW, Connolly SJ, Healey JS. Progression of Device Detected Subclinical Atrial Fibrillation and the Risk of Heart Failure in ASSERT. *J Am Coll Cardiol*. 2018;71:2603-11.

Roselli C, Chaffin MD, Weng LC, Aeschbacher S, Ahlberg G, Albert CM, Almgren P, Alonso A, Anderson CD, Aragam KG, et al. Multi-ethnic genome-wide association study for atrial fibrillation. *Nat Genet*. 2018;50:1225-33.

Eggimann L, Blum S, Aeschbacher S, Reusser A, Ammann P, Erne P, Moschovitis G, di Valentino M, Shah D, Schläpfer J, Mondet N, Kühne M, Sticherling C, Osswald S, Conen D. Risk factors for heart failure hospitalizations among patients with atrial fibrillation. *PLOS ONE*. 2018;13:e0191736.

Knecht S, Pradella M, Reichlin T, Mühl A, Bossard M, Stieltjes B, Conen D, Bremerich J, Osswald S, Kühne M, Sticherling C. Left atrial anatomy, atrial fibrillation burden, and P-wave duration-relationships and predictors for single-procedure success after pulmonary vein isolation. *Europace*. 2018;20:271-8.

Reusser A, Blum S, Aeschbacher S, Eggimann L, Ammann P, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Manser S, Reichlin T, Kühne M, Sticherling C, Osswald S, Conen D. QTc interval, cardiovascular events and mortality in patients with atrial fibrillation. *Int J Cardiol* 2018;252:101-5.

## CONNOLLY, S.

Connolly SJ, Eikelboom JW, Bosch J, Dagenais G, Dyal L, Lanan F, Metsaranne K, O'Donnell M, Dans AL, Ha JW, Parkhomenko AN, Avezum AA, Lonn E, Lisheng L, Torp-Pedersen C, Widimsky P, Maggioni AP, Felix C, Keltai K, Hori M, Yusuf K, Guzik TJ, Bhatt DL, Branch KRH, Cook Bruns N, Berkowitz SD, Anand SS, Varigos JD, Fox KAA, Yusuf S; COMPASS investigators. Rivaroxaban with or without aspirin in patients with stable coronary artery disease: an international, randomized, double-blind, placebo-controlled trial. *Lancet*. 2018;391(10117):205-18.

Anand SS, Bosch J, Eikelboom JW, Connolly SJ, Diaz R, Widimsky P, Aboyans V, Alings M, Kakkar AK, Keltai K, Maggioni AP, Lewis BS, Störk S, Zhu J, Lopez-Jaramillo P, O'Donnell M, Commerford PJ, Vinereanu D, Pogosova N, Ryden L, Fox KAA, Bhatt DL, Misselwitz F, Varigos JD, Vanassche T, Avezum AA, Chen E, Branch K, Leong DP, Bangdiwala SI, Hart RG, Yusuf S; COMPASS Investigators. Rivaroxaban with or without aspirin in patients with stable peripheral or carotid artery disease: an international, randomized, double-blind, placebo-controlled trial. *Lancet*. 2018;391(10117):219-29.

Vamos M, Healey JS, Wang J, Connolly SJ, Mabo P, Van Erven L, Kautzner J, Glikson M, Neuzner J, O'Hara G, Vinolas X, Gadler F, Hohnloser SH. Implantable cardioverter-defibrillator therapy in hypertrophic cardiomyopathy: A SIMPLE substudy. *Heart Rhythm*. 2018;15:385-92.

Darmon A, Bhatt DL, Elbez Y, Aboyans V, Anand S, Bosch J, Branch KR, Connolly SJ, Dyal L, Eikelboom JW, Fox KAA, Keltai K, Probstfield J, Yusuf S, Abtan J, Sorbets E, Eagle KA, Ducrocq G, Steg PG. External applicability of the COMPASS trial: an analysis of the reduction of

atherothrombosis for continued health (REACH) registry. *Eur Heart J*. 2018;39:750-7.

Perera KS, Pearce LA, Sharma M, Benavente O, Connolly SJ, Hart RG; ACTIVE A (Atrial Fibrillation Clopidogrel Trial With Irbesartan for Prevention of Vascular Events) Steering Committee and Investigators. Predictors of Mortality in Patients with Atrial Fibrillation (from the Atrial Fibrillation Clopidogrel Trial with Irbesartan for Prevention of Vascular Events [ACTIVE A]). *Am J Cardiol*. 2018;121(5):584-9.

Elmariah S, Doros G, Benavente OR, Bhatt DL, Connolly SJ, Yusuf S, Steinhilb SR, Liu Y, Hsieh WH, Yeh RW, Mauri L. Impact of Clopidogrel Therapy on Mortality and Cancer in Patients with Cardiovascular and Cerebrovascular Disease: A Patient-Level Meta-Analysis. *Circ Cardiovasc Interv*. 2018;11(1):e005795.

Eikelboom JW, Connolly SJ, Yusuf S. Rivaroxaban in Stable Cardiovascular Disease. *N Engl J Med*. 2018;378(4):397-8.

Duceppe E, Yusuf S, Tandon V, Rodseth R, Biccard BM, Xavier D, Szczeklik W, Meyhoff CS, Franzosi MG, Vincent J, Srinathan SK, Parlow J, Magloire P, Neary J, Rao M, Chaudhry NK, Mayosi B, de Nadal M, Popova E, Villar JC, Botto F, Berwanger O, Guyatt G, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Connolly SJ, Sharma M, Bangdiwala SI, Devereaux PJ. Design of a Randomized Placebo-Controlled Trial to Assess Dabigatran and Omeprazole in Patients with Myocardial Injury after Noncardiac Surgery (MANAGE). *Can J Cardiol*. 2018;34:295-302.

Shanbhag D, Graham ID, Harlos K, Haynes RB, Gabizon I, Connolly SJ, Van Spall HGC. Effectiveness of implementation interventions in improving physician adherence to guideline recommendations in heart failure: a systematic review. *BMJ Open*. 2018;8(3):e017765.

Kasner SE, Lavados P, Sharma M, Wang Y, Wang Y, Dávalos A, Shalalov N, Cunha L, Lindgren A, Mikulik R, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi R, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni DS, Bereczki D, Uchiyama S, Ntaios G, Yoon BW, Brouns R, DeVries Basson MM, Endres M, Muir K, Bornstein N, Ozturk S, O'Donnell M, Mundl H, Pater C, Weitz J, Peacock WF, Swaminathan B, Kirsch B, Berkowitz SD, Peters G, Pare G, Themeles E, Shoamanesh A, Connolly SJ, Hart RG; NAVIGATE ESUS Steering Committee and Investigators. Characterization of Patients with Embolic Strokes of Undetermined Source in the NAVIGATE ESUS Randomized Trial. *J Stroke Cerebrovasc Dis*. 2018;27(6):1673-82.

Anand SS, Caron F, Eikelboom JW, Bosch J, Dyal L, Aboyans V, Abola MT, Branch KRH, Keltai K, Bhatt DL, Verhamme P, Fox KAA, Cook-Brun N, Lanius V, Connolly SJ, Yusuf S. Major Adverse Limb Events and Mortality in Patients with Peripheral Artery Disease: The COMPASS Trial. *J Am Coll Cardiol*. 2018;71(20):2306-15.

Hijazi Z, Hohnloser SH, Oldgren J, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Reilly PA, Yusuf S, Wallentin L. Efficacy and safety of dabigatran compared with warfarin in patients with atrial fibrillation in relation to renal function over time-A RE-LY trial analysis. *Am Heart J*. 2018;199:75-82.

Piccini JP, Connolly SJ, Abraham WT, Healey JS, Steinberg BA, Al-Khalidi HR, Dignacco P, van Veldhuisen DJ, Sauer WH, White M, Wilton SB, Anand IS, Dufton C, Marshall DA, Aleong RG, Davis GW, Clark RL, Emery LL, Bristow MR. A genotype-directed comparative effectiveness trial of Bucindolol and metoprolol succinate for prevention of symptomatic atrial fibrillation/atrial flutter in patients with heart failure: Rationale and design of the GENETIC-AF trial. *Am Heart J*. 2018;199:51-58.

Van Spall HGC, Lee SF, Xie F, Ko DT, Thabane L, Ibrahim Q, Mitoff PR, Heffernan M, Maing M, Tjandrawidjaja MC, Zia MI, Panju M, Perez R, Simek KD, Porepa L, Graham ID, Haynes RB, Haughton D, Connolly SJ. Knowledge to action: Rationale and design of the Patient-Centered Care Transitions in Heart Failure (PACT-HF) stepped wedge cluster randomized trial. *Am Heart J*. 2018;199:75-82.

Perera KS, Sharma M, Connolly SJ, Wang J, Gold MR, Hohnloser SH,

## PUBLICATIONS

Lau CP, Van Gelder IC, Morillo C, Capucci A, Israel CW, Botto G, Healey JS. Stroke type and severity in patients with subclinical atrial fibrillation: An analysis from the Asymptomatic Atrial Fibrillation and Stroke Evaluation in Pacemaker Patients and the Atrial Fibrillation Reduction Atrial Pacing Trial (ASSERT). *Am Heart J.* 2018;201:160-3.

Hart RG, Sharma M, Mundl H, Kasner SE, Bangdiwala SI, Berkowitz SD, Swaminathan B, Lavados P, Wang Y, Wang Y, Davalos A, Shamalov N, Mikulik R, Cunha L, Lindgren A, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi RJ, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni D, Bereczki D, Uchiyama S, Ntaios G, Yoon BW, Brouns R, Endres M, Muir KW, Bornstein N, Ozturk S, O'Donnell MJ, De Vries Basson MM, Pare G, Pater C, Kirsch B, Sheridan P, Peters G, Weitz JI, Peacock WF, Shoamanesh A, Benavente OR, Joyner C, Themeles E, Connolly SJ; NAVIGATE ESUS Investigators. Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. *N Engl J Med.* 2018;378(23):2191-201.

Sandhu RK, Quadros KK, Liu YY, Glikson M, Kutiyafa V, Mabo P, Hohnloser S, O'Hara G, VanErven L, Neuzner J, Kautzner J, Gadler F, Vinolas X, Appl U, Connolly SJ, Healey JS. Sedation strategies for defibrillation threshold testing: safety outcomes with anaesthesiologist compared to proceduralist-directed sedation: an analysis from the SIMPLE study. *Europace* 2018;20(11):1798-803.

Wong JA, Conen D, Van Gelder IC, McIntyre WF, Crijns HJ, Wang J, Gold MR, Hohnloser SH, Lau CP, Capucci A, Botto G, Grönefeld G, Israel CW, Connolly SJ, Healey JS. Progression of Device-Detected Subclinical Atrial Fibrillation and the Risk of Heart Failure. *J Am Coll Cardiol.* 2018;71(23):2603-11.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccari BM, Xavier D, Szczeklik W, Meyhoff CS, Vincent J, Franzosi MG, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoefl A, Yusuf S; MANAGE Investigators. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomized, placebo-controlled trial. *Lancet.* 2018;391(10137):2325-34.

Fox KAA, Eikelboom JW, Anand SS, Bhatt DL, Bosch J, Connolly SJ, Harrington RA, Steg PG, Yusuf S. Anti-thrombotic options for secondary prevention in patients with chronic atherosclerotic vascular disease: what does COMPASS add? *Eur Heart J.* 2018 Jun 25.

Kent AP, Brueckmann M, Fraessdorf M, Connolly SJ, Yusuf S, Eikelboom JW, Oldgren J, Reilly PA, Wallentin L, Ezekowitz MD. Concomitant Oral Anticoagulant and Nonsteroidal Anti-Inflammatory Drug Therapy in Patients with Atrial Fibrillation. *J Am Coll Cardiol.* 2018;72(3):255-67.

Avezum A, Oliveira GBF, Diaz R, Hermosillo JAG, Oldgren J, Ripoll EF, Noack H, Piegas LS, Connolly SJ. Efficacy and safety of dabigatran versus warfarin from the RE-LY trial. *Open Heart.* 2018;5(1):e000800.

McIntyre WF, Mendoza PA, Belley-Côté EP, Whitlock RP, Um KJ, Maystrenko N, Devereaux PJ, Conen D, Wong JA, Connolly SJ, Healey JS. Design and Rationale of the Atrial Fibrillation Occurring Transiently with Stress (AFOTS) Follow-Up Cohort Study. *Clin Cardiol.* 2018;41(10):1273-80.

Hart RG, Connolly SJ, Mundl H. Rivaroxaban for Stroke Prevention after Embolic Stroke of Undetermined Source. *N Engl J Med.* 2018 Sep 6;379(10):987.

Kasner SE, Swaminathan B, Lavados P, Sharma M, Muir K, Veltkamp R, Ameriso SF, Endres M, Lutsep H, Messé SR, Spence JD, Nedelchev K, Perera K, Santo G, Olavarria V, Lindgren A, Bangdiwala S, Shoamanesh A, Berkowitz SD, Mundl H, Connolly SJ, Hart RG; NAVIGATE ESUS Investigators. Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. *Lancet Neurol.* 2018;17(12):1053-060.

## DEMERS, C.

Wong EKC, Lee JY, Leong DP, Mbuagbaw L, Yousuf H, Keen S, Straus SE, Patterson CJ, Demers C. Thiamine versus placebo in older heart failure patients: Study protocol for a randomized controlled crossover feasibility trial (THIAMINE-HF). *Pilot and Feasibility Studies* 2018;4:149.

Bouabdallaoui N, Stevens SR, Doenst T, Wrobel K, Bouchard D, Deja MA, Michler RE, Chua YL, Kalil RAK, Selzman CH, Daly RC, Sun B, Djokovic LT, Sopko G, Velazquez EJ, Rouleau JL, Lee KL, Al-Khalidi HR; STICH Trial Investigators. Impact of Intubation Time on Survival following Coronary Artery Bypass Grafting: Insights from the Surgical Treatment for Ischemic Heart Failure (STICH) Trial. *J Cardiothorac Vasc Anesth.* 2018 Jun;32(3):1256-63.

Nazim A, Berbenetz N, Demers C, You JJ. Patterns of care during terminal hospital admission for patients with advanced heart failure: A retrospective cohort study. *Canadian Journal of Cardiology.* 2018;34:1215-8.

McClure GR, McIntyre WF, Demers C, Whitlock RP, Belley-Cote EP. Canadian guidelines need synchronized efforts with rigorous and transparent methodology. *Can J Cardiol.* 2018 Jun;34(6):813.

Piña IL, Zheng Q, She L, Szwed H, Lang IM, Farsky PS, Castelvecchio S, Biernat J, Paraforos A, Kosevic D, Favaloro LE, Nicolau JC, Varadarajan P, Velazquez EJ, Pai RG, Cyrille N, Lee KL, Desvigne-Nickens P; STICH Trial Investigators. Sex Difference in Patients With Ischemic Heart Failure Undergoing Surgical Revascularization: Results From the STICH Trial (Surgical Treatment for Ischemic Heart Failure). *Circulation.* 2018 Feb 20;137(8):771-80.

## Book Chapter

Wali S, Keshavjee, Demers C. Moving towards sustainable electronic health applications. In: *EHealth Making Health Care Smarter.* (Heston T, editor). Intech Open. 2018.

## DENBURG, JA.

Chan D, Goruk S, Becker AB, Subbarao P, Mandhane PJ, Turvey SE, Lefebvre D, Sears MR, the CHILD Study Investigators, Field CJ, Azad MB. Adiponectin, leptin and insulin in breast milk: associations with maternal characteristics and infant body composition in the first year of life. *Int J Obes.* 2018;42:36-43.

Tran MM, Lefebvre DL, Dharma C, Dai D, Lou WYW, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Sears MR, the CHILD Study investigators. Predicting the atopic march: results from the Canadian Healthy Infant Longitudinal Development Study. *J Allergy Clin Immunol.* 2018;141:601-7.

Dharma C, Lefebvre DL, Tran MM, Lou MYW, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Sears MR, the CHILD Study investigators. Patterns of allergic sensitization and atopic dermatitis from 1 to 3 years: effects on allergic diseases. *Clin Exp Allergy.* 2018;48:48-59.

Kang LJ, Koleva PT, Field CJ, Giesbrecht GF, Wine E, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL, CHILD Study Investigators. Maternal depressive symptoms linked to reduced fecal Immunoglobulin A concentrations in infants. *Brain Behav Immun.* 2018;68:123-31.

Tamana SK, Smithson L, Lau A, Mariasine J, Young R, Chikuma J, Lefebvre DL, Subbarao P, Becker AB, Turvey SE, Sears MR, CHILD Study Investigators, Pei J, Mandhane PJ. Parent-reported symptoms of sleep-disordered breathing are associated with increased behavioral problems at 2 years of age: the Canadian Healthy Infant Longitudinal Development birth cohort study. *Sleep.* 2018 Jan 1;41(1).

Tun HM, Bridgman SL, Chari R, Field CJ, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL, Canadian Healthy Infant Longitudinal Development (CHILD) Study Investigators. Roles of birth mode and infant gut microbiota in inter-

generational transmission of overweight and obesity from mother to offspring. *JAMA Pediatr.* 2018;172:368-77.

Smithson L, Baird T, Tamana SK, Lau A, Mariasine J, Chikuma J, Lefebvre DL, Subbarao P, Becker AB, Turvey SE, Sears MR; CHILD Study Investigators, Beal DS, Pei J, Mandhane PJ. Shorter sleep duration is associated with reduced cognitive development at two years of age. *Sleep Med.* 2018;48:131-9.

Kamal M, Tamana SK, Smithson L, Ding L, Lau A, Chikuma J, Mariasine J, Lefebvre DL, Subbarao P, Becker AB, Turvey SE, Sears MR, CHILD Study Investigators, Pei J, Mandhane PJ. Phenotypes of sleep-disordered breathing symptoms to two years of age based on age of onset and duration of symptoms. *Sleep Med.* 2018;48:93-100.

Forbes JD, Azad MB, Vehling L, Tun HM, Konya TB, Guttman DS, Field CJ, Lefebvre D, Sears MR, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Subbarao P, Scott JA, Kozyrskyj AL; Canadian Healthy Infant Longitudinal Development (CHILD) Study Investigators. Association of exposure to formula in the hospital and subsequent infant feeding practices with gut microbiota and risk of overweight in the first year of life. *JAMA Pediatr.* 2018 Jul 2;172(7):e181161.

Tun MH, Tun HM, Mahoney JJ, Konya TB, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Brook JR, Lou W, Takarao TK, Scott JA, Kozyrskyj AL, the CHILD Study Investigators. Postnatal exposure to household disinfectants, infant gut microbiota and subsequent risk of overweight in children. *CMAJ.* 2018;190:E1097-107.

Azad MB, Vehling L, Chan D, Klopp A, Nickel NC, McGavock JM, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Taylor MS, Lefebvre DL, Sears MR, Subbarao P, CHILD Study Investigators. Infant feeding and weight gain: separating breast milk from breastfeeding and formula from food. *Pediatrics.* 2018 Oct;142(4):pii:e20181092.

Cusack L, Sbihi H, Larkin A, Chow A, Brook JR, Moraes T, Mandhane PJ, Becker AB, Azad MB, Subbarao P, Kozyrskyj A, Takaro TK, Sears MR, Turvey SE, Hystad P, CHILD Study Investigators. Residential green space and pathways to term birth weight in the Canadian Healthy Infant Longitudinal Development (CHILD) Study. *Int J Health Geogr.* 2018 Dec 4;17(1):43.

Dharma C, Lefebvre DL, Tran MM, Lu Z, Lou WY, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Moraes T, Azad MB, Sears MR, CHILD Study investigators. Diagnosing atopic dermatitis in infancy: questionnaire reports vs criteria-based assessment. *Paediatr Perinat Epidemiol.* 2018;32:556-67.

Bousquet J, Devillier P, Anto JM, Bewick M, et al., MACVIA working group. Daily allergic multimorbidity in rhinitis using mobile technology: a novel concept of the MASK study. *Allergy.* 2018 ;73:1622-31.

To T, Bouchard J, Boulet LP, Brozek J, Denburg J, Schunemann H, Simons FER, Wasserman S, Keith PK, Agache I, Bachert C, Bedbrook A, Canonica GW, Casale T, Cruz AA, Fokkens WJ, Hellings PW, Samolinski B, Bousquet J. ARIA 2016 Executive Summary: integrated care pathways for predictive, preventive and personalized medicine across the life cycle. *Can J Respir Crit Care Sleep Med.* 2018;2:78-83.

Bousquet J, Arnavielhe S, Bedbrook A, Bewick M, et al., MASK study group. MASK 2017: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma multimorbidity using real-world-evidence. *Clin Transl Allergy.* 2018 Oct 25;8:45.

Bousquet J, Hellings PW, Agache I, Amat F, et al., Mobile Airways Sentinel Network (MASK) Study Group. Allergic rhinitis and its impact on asthma (ARIA) phase 4 (2018): change management in allergic rhinitis and asthma multimorbidity using mobile technology. *J Allergy Clin Immunol.* 2018;143(3):864-79.

## DEVEREAUX, P.J.

Graham MM, Sessler DI, Parlow JL, Biccarrd BM, Guyatt G, Leslie K, Chan MTV, Meyhoff CS, Xavier D, Sigamani A, Kumar PA, Mrkobrada M, Cook DJ, Tandon V, Alvarez-Garcia J, Villar JC, Painter TW, Landoni

G, Fleischmann E, Lamy A, Whitlock R, Le Manach Y, Aphan-Lam M, Cata JP, Gao P, Terblanche NCS, Ramana PV, Jamieson KA, Bessisow A, Mendoza GR, Ramirez S, Diemunsch PA, Yusuf S, Devereaux PJ. Aspirin in patients with previous percutaneous coronary intervention undergoing noncardiac surgery. *Ann Intern Med.* 2018;168:237-44.

Szczeklik W, Krzanowski M, Maga P, Partyka Ł, Koscielniak J, Kaczmarczyk P, Maga M, Pieczka P, Suska A, Wachsmann A, Górka J, Biccarrd B, Devereaux PJ. Myocardial injury after endovascular revascularization in critical limb ischemia predicts 1-year mortality: A prospective observational cohort study. *Clin Res Cardiol.* 2018;107:319-28.

Agzarian J, Bessisow A, Srinathan S, Devereaux PJ, Neary J, Decher W, Gandy L, Schneider L, Finley CJ, Schieman C, Hanna WC, Shargall Y. The effect of colchicine administration on postoperative pleural effusion following lung resection: a randomized blinded placebo-controlled feasibility pilot study. *Eur J Cardiothorac Surg.* 2018;53:822-7.

Sessler DI, Meyhoff CS, Zimmerman NM, Mao G, Leslie K, Vásquez SM, Balaji P, Alvarez-Garcia J, Cavalcanti AB, Parlow JL, Rahate PV, Seeberger MD, Gossetti B, Walker SA, Premchand RK, Dahl RM, Duceppe E, Rodseth R, Botto F, Devereaux PJ. Period-dependent Associations between Hypotension During and for 4 Days after Noncardiac Surgery and a Composite of Myocardial Infarction and Death: A Substudy of the POISE-2 Trial. *Anesthesiology.* 2018;128:317-27.

Duceppe E, Yusuf S, Tandon V, Rodseth R, Biccarrd BM, Xavier D, Szczeklik W, Meyhoff CS, Franzosi MG, Vincent J, Srinathan SK, Parlow J, Magloire P, Neary J, Rao M, Chaudhry NK, Mayosi B, de Nadal M, Popova E, Villar JC, Botto F, Berwanger O, Guyatt G, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Connolly SJ, Sharma M, Bangdiwala SI, Devereaux PJ. Design of a Randomized Placebo-Controlled Trial to Assess Dabigatran and Omeprazole in Patients with Myocardial Injury after Noncardiac Surgery (MANAGE). *Can J Cardiol.* 2018;34:295-302.

Kavsak PA, Worster A, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Griffith LE, Mehta SR, McRae AD, Devereaux PJ. Performance of high-sensitivity cardiac troponin in the emergency department for myocardial infarction and a composite cardiac outcome across different estimated glomerular filtration rates. *Clin Chim Acta.* 2018;479:166-70.

Jacka MJ, Guyatt G, Mizera R, Van Vlymen J, Ponce de Leon D, Schricker T, Bahari MY, Lv B, Afzal L, Plou Garcia MP, Wu X, Nigro Maia L, Arrieta M, Rao-Melacini P, Devereaux PJ. Age does not affect metoprolol's effect on perioperative outcomes (From the POISE database). *Anesth Analg.* 2018;126:1150-7.

Dvirnik N, Belley-Cote EP, Hanif H, Devereaux PJ, Lamy A, Dieleman JM, Vincent J, Whitlock RP. Steroids in cardiac surgery: a systematic review and meta-analysis. *Br J Anaesth.* 2018;120:657-67.

Sheth T, Natarajan MK, Hsieh V, Valettas N, Rokoss M, Mehta S, Jolly S, Tandon V, Bezerra H, Devereaux PJ. Incidence of thrombosis in perioperative and non-operative myocardial infarction. *Br J Anaesth.* 2018;120:725-33.

Górka J, Polok K, Fronczek J, Górka K, Kózka M, Iwaszczuk P, Frolow M, Devereaux PJ, Biccarrd B, Musiał J, Szczeklik W. Myocardial injury is more common than deep venous thrombosis after vascular surgery and is associated with a high one year mortality risk. *Eur J Vasc Endovasc Surg.* 2018;56:264-70.

Spence J, Belley-Côté E, Lee SF, Bangdiwala S, Whitlock R, LeManach Y, Syed S, Lamy A, Jacobsohn E, MacIsaac S, Devereaux PJ, Connolly S. The role of randomized cluster crossover trials for comparative effectiveness testing in anesthesia: design of the Benzodiazepine-Free Cardiac Anesthesia for Reduction in Postoperative Delirium (B-Free) trial. *Can J Anaesth.* 2018;65:813-21.

Buse GL, Manns B, Lamy A, Guyatt G, Polanczyk CA, Chan MTV, Wang CY, Villar JC, Sigamani A, Sessler DI, Berwanger O, Biccarrd BM, Pearse R, Urrútia G, Szczeklik RW, Garutti I, Srinathan S, Malaga G, Abraham V, Chow CK, Jacka MJ, Tiboni M, Ackland G, Macneil D,



# PUBLICATIONS

Sapsford R, Leuwer M, Le Manach Y, Devereaux PJ. Troponin T monitoring to detect myocardial injury after noncardiac surgery: a cost-consequence analysis. *Can J Surg.* 2018;61:185-94.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccari BM, Xavier D, Szczeklik W, Meyhoff CS, Vincent J, Grazia Franzosi M, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Paniagua Iglesias P, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoefft A, Yusuf S, on behalf of the MANAGE Investigators. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. *Lancet.* 2018;391:2325-34.

McGillion MH, Duceppe E, Allan K, Marcucci M, Yang S, Johnson AP, Ross-Howe S, Peter E, Scott T, Ouellette C, Henry S, Le Manach Y, Paré G, Downey B, Carroll SL, Mills J, Turner A, Clyne W, Dvirnik N, Mierdel S, Poole L, Nelson M, Harvey V, Good A, Pettit S, Sanchez K, Harsha P, Mohajer D, Ponnambalam S, Bhavnani S, Lamy A, Whitlock R, Devereaux PJ. Postoperative remote automated monitoring: Need for and state of the science. *Can J Cardiol.* 2018; 34:850-62.

Shanthanna H, Paul J, Lovrics P, Devereaux PJ, Bhandari M, Thabane L. Satisfactory Analgesia with Minimal Emesis in Day Surgeries (SAME DayS): a protocol for a randomised controlled trial of morphine versus hydromorphone. *BMJ Open.* 2018 Jun 22;8(6):e022504.

Punthakee Z, Iglesias PP, Alonso-Coello P, Gich I, India I, Malaga G, Jover RD, Gerstein HC, Devereaux PJ. Association of preoperative glucose concentration with myocardial injury and death after non-cardiac surgery (GlucoVISION): a prospective cohort study. *Lancet Diabetes Endocrinol.* 2018;6:790-7.

Biccari BM, Sigamani A, Chan MTV, Sessler DI, Kurz A, Tittley JG, Rapanos T, Harlock J, Szalay D, Tiboni ME, Popova E, Vásquez SM, Kabon B, Amir M, Mrkobrada M, Mehra BR, El Beheiry H, Mata E, Tena B, Sabaté S, Zainal Abidin MK, Shah VR, Balasubramanian K, Devereaux PJ. Effect of aspirin in vascular surgery in patients from a randomized clinical trial (POISE-2). *Br J Surg.* 2018; 105:1591-7.

Honarmand K, Belley-Cote EP, Ulic D, Khalifa A, Gibson A, McClure G, Savija N, Alshamsi F, D'Aragnon F, Rochweg B, Duan EH, Karachi T, Lamontagne F, Devereaux PJ, Whitlock RP, Cook DJ. The deferred consent model in a prospective observational study evaluating myocardial injury in the intensive care unit. *J Intensive Care Med.* 2018;33:475-80.

Mrkobrada M, Chan MTV, Cowan D, Spence J, Campbell D, Wang CY, Torres D, Malaga G, Sanders RD, Brown C, Sigamani A, Szczeklik W, Dmytriw AA, Agid R, Smith EE, Hill MD, Sharma M, Sharma M, Tsai S, Mensinkai A, Sahlas DJ, Guyatt G, Pettit S, Copland I, Wu WKK, Yu SCH, Gin T, Loh PS, Ramli N, Siow YL, Short TG, Waymouth E, Kumar J, Dasgupta M, Murkin JM, Fuentes M, Ortiz-Soriano V, Lindroth H, Simpson S, Sessler D, Devereaux PJ. Rationale and design for the detection and neurological impact of cerebrovascular events in non-cardiac surgery patients cohort evaluation (NeuroVISION) study: a prospective international cohort study. *BMJ Open.* 2018 Jul 6;8(7):e021521.

Kavsak PA, Neumann JT, Cullen L, Than M, Shortt C, Greenslade JH, Pickering JW, Ojeda F, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Westermann D, Sørensen NA, Parsonage WA, Griffith L, Mehta SR, Devereaux PJ, Richards M, Troughton R, Pemberton C, Aldous S, Blankenberg S, Worster A. Clinical chemistry score versus high-sensitivity cardiac troponin I and T tests alone to identify patients at low or high risk for myocardial infarction or death at presentation to the emergency department. *CMAJ.* 2018;190:E974-E984.

McIntyre WF, Mendoza PA, Belley-Côté EP, Whitlock RP, Um KJ, Maystrenko N, Devereaux PJ, Conen D, Wong JA, Connolly SJ, Healey JS. Design and rationale of the atrial fibrillation occurring transiently with stress (AFOTS) follow-up cohort study. *Clin Cardiol.* 2018 Oct;41(10):1273-80.

Thygesen K, Alpert JS, Jaffe AS, Chaitman BR, Bax JJ, Morrow DA, White HD, Mickley H, Crea F, Van de Werf F, Bucciarelli-Ducci C,

Katus HA, Pinto FJ, Antman EM, Hamm CW, De Caterina R, Januzzi Jr JL, Apple FS, Garcia MAA, Underwood SR, Carty Jr JM, Lyon AR, Devereaux PJ, Zamorano JL, Lindahl B, Weintraub WS, Newby LK, Virmani R, Vranckx P, Cutlip D, Gibbons RJ, Smith SC, Atar D, Luepker RV, Robertson RM, Bonow RO, Steg PG, O'Gara PT, Fox KAA. *Kardiol Pol.* 2018;76:1383-415.

Lalu MM, Mazzarello S, Zlepzig J, Dong YJR, Montroy J, McIntyre L, Devereaux PJ, Stewart DJ, David Mazer C, Barron CC, McIsaac DI, Fergusson DA. Safety and efficacy of adult stem cell therapy for acute myocardial infarction and ischemic heart failure (SafeCell Heart): A systematic review and meta-analysis. *Stem Cells Transl Med.* 2018;7:857-66.

Garg AX, Devereaux PJ, Hill A, Sood M, Aggarwal B, Dubois L, Hiremath S, Guzman R, Iyer V, James M, McArthur E, Moist L, Ouellet G, Parikh CR, Schumann V, Sharan S, Thiessen-Philbrook H, Tobe S, Wald R, Walsh M, Weir M, Pannu N and Curcumin AAA AKI Investigators. Oral curcumin in elective abdominal aortic aneurysm repair: A multicentre randomized controlled trial. *CMAJ.* 2018;190:E1273-E1280.

McIntyre WF, Um KJ, Cheung CC, Belley-Côté EP, Dingwall O, Devereaux PJ, Wong JA, Conen D, Whitlock RP, Connolly SJ, Seifer CM, Healey JS. Atrial fibrillation detected initially during acute medical illness: A systematic review. *Eur Heart J Acute Cardiovasc Care.* 2019 Mar;8(2):130-41. Epub 2018 Nov 7.

Devereaux PJ. Suboptimal outcome of myocardial infarction after noncardiac surgery: Physicians can and should do more. *Circulation.* 2018;137:2340-3.

Devereaux PJ. The potential for troponin to inform prognosis in patients with stable coronary artery disease. *Ann Intern Med.* 2018;169:808-9.

## Book Chapters

Devereaux PJ, Cohn SL, Eagle KA. Management of cardiac risk for non-cardiac surgery. In: *UpToDate* (Basow DS, Ed.). Wolters Kluwer, 2018.

Devereaux PJ. Perioperative myocardial infarction or injury after non-cardiac surgery. In: *UpToDate* (Basow DS, Ed.). Wolters Kluwer, 2018.

Duceppe E, Devereaux PJ. Preoperative evaluation: Biomarkers. In: *The ESC Textbook of Cardiovascular Medicine* (third edition) (Camm AJ, Lüscher TF, Maurer G, Serruys PW, Eds.). Oxford University Press, chapter 48.3, 2018.

Duceppe E, Devereaux PJ. Risk reduction strategies: perioperative management of cardiovascular medication. In: *The ESC Textbook of Cardiovascular Medicine* (third edition) (Camm AJ, Lüscher TF, Maurer G, Serruys PW, Eds.). Oxford University Press, chapter 48.6, 2018.

## DE WIT, K.

de Wit K, Curran J, Thoma B, Dowling S, Lang E, Kuljic N, Perry JJ, Morrison L. Review of implementation strategies to change healthcare provider behaviour in the emergency department. *CJEM.* 2018;20(3):453-60.

Chan TM, Jo D, Shih AW, Bhagirath VC, Castellucci LA, Yeh C, Thoma B, Tseng EK, de Wit K. The Massive Online Needs Assessment (MONA) to inform the development of an emergency haematology educational blog series. *Perspect Med Educ.* 2018;7:219.

de Wit, K. Should you adjust your D-dimer? *CJEM.* 2018;5:660-1.

Minhas H, Welscher A, Turcotte M, Eventov M, Mason S, Nishijima DK, Versmée G, Li M, de Wit K. Incidence of intracranial bleeding in anti-coagulated patients with minor head injury: a systematic review and meta-analysis of prospective studies. *Brit J Haematol.* 2018;183:119-26.

Sharif S, Eventov M, Kearon C, Parpia S, Lui M, Jiang R, Sneath P, Otero Fuentes C, Marriott C, de Wit K. Comparison of the age-adjusted

and clinical probability-adjusted D-dimer to exclude pulmonary embolism in the emergency department. *Am J Emerg Med*. 2019 May;37(5):845-50.

Castellucci LA, de Wit K, Garcia D, Ortel TL, Le Gal G. Extended anticoagulation for unprovoked venous thromboembolism. *Res Pract Thromb Haemost*. 2018;2:529–34.

Stiell I, Scheuermeyer F, Vadeboncoeur A, Angaran P, Eagles D, Graham I, Atzema C, Archambault P, Tebbenham T, de Wit K, McRae A, Cheung W, Deyell M, Baril G, Mann R, Sahsi R, Upadhye S, Clement C, Brinkhurst J, Chabot C, Gibbons D, Skanes A. CAEP Acute Atrial Fibrillation/Flutter Best Practices Checklist. *CJEM*. 2018;20(3):334-42.

## DOLOVICH, M.

Dolovich MB, Mitchell JP, Roberts DL. Re: “Harmonizing the Nomenclature for Therapeutic Aerosol Particle Size: A Proposal” by Hillyer et al. *J Aerosol Med Pulm Drug Deliv*. 2018 Aug;31(4):266-8.

Papi A, Ryan D, Soriano JB, Chrystyn H, Bjermer L, Rodríguez-Roisin R, Dolovich MB, Harris M, Wood L, Batsiou M, Thornhill SI, Price DB. Relationship of Inhaled Corticosteroid Adherence to Asthma Exacerbations in Patients with Moderate-to-Severe Asthma. *J Allergy Clin Immunol Pract*. 2018 Nov-Dec;6(6):1989-98.

Plaza V, Giner J, Rodrigo GJ, Dolovich MB, Sanchis J. Errors in the Use of Inhalers by Health Care Professionals: A Systematic Review. *J Allergy Clin Immunol Pract*. 2018 May-Jun;6(3):987-95.

## DOUKETIS, J.

Douketis JD, Darvish-Kazem S, Spencer N, Tafur A. Perioperative management of patients who are receiving antiplatelet therapy: a case-based, evidence-informed approach. *Pol Arch Intern Med*. 2018 Dec 21;128(12):771-8.

Levy JH, Douketis J, Steiner T, Goldstein JN, Milling TJ. Prothrombin Complex Concentrates for Perioperative Vitamin K Antagonist and Non-vitamin K Anticoagulant Reversal. *Anesthesiology*. 2018 Dec;129(6):1171-84.

Dubé C, Douketis JD, Moffat KA, Schulman S, Blais N. Basic coagulation tests as surrogates of dabigatran levels in a pre-operative setting: Analysis of five activated partial thromboplastin time reagents and thrombin time. *Thromb Res*. 2018 Sep 19;171:62-7.

Douketis JD, Spyropoulos AC, Anderson JM, Arnold DM, Bates SM, Blostein M, Carrier M, Caprini JA, Clark NP, Coppens M, Dentali F, Duncan J, Gross PL, Kassis J, Kowalski S, Lee AY, Gal GL, Templier GL, Li N, MacKay E, Shah V, Shivakumar S, Solymoss S, Spencer FA, Syed S, Tafur AJ, Vanassche T, Thiele T, Wu C, Yeo E, Schulman S. Erratum to: The Perioperative Anticoagulant Use for Surgery Evaluation (PAUSE) Study for Patients on a Direct Oral Anticoagulant who Need an Elective Surgery or Procedure: Design and Rationale. *Thromb Haemost*. 2018 Sep;118(9):1679-80.

Spyropoulos AC, Ageno W, Albers GW, Elliott CG, Halperin JL, Hiatt WR, Maynard GA, Steg PG, Weitz JI, Suh E, Spiro TE, Barnathan ES, Raskob GE; MARINER Investigators. Rivaroxaban for Thromboprophylaxis after Hospitalization for Medical Illness. *N Engl J Med*. 2018 Sep 20;379(12):1118-27.

Douketis JD, Radwi M. A clinical conundrum: to measure or not measure direct oral anticoagulants before a surgery or procedure? *Intern Emerg Med*. 2018 Oct;13(7):997-9.

Tseng EK, Kolesar E, Handa P, Douketis JD, Anvari M, Tiboni M, Crowther MA, Siegal DM. Weight-adjusted tinzaparin for the prevention of venous thromboembolism after bariatric surgery. *J Thromb Haemost*. 2018 Oct;16(10):2008-15.

Cervi A, Douketis JD. Landmark trials in thrombotic vascular disease: a critical appraisal of potential practice-changing trials in 2016-2017. *Intern Emerg Med*. 2019 Apr;14(3):355-63. Epub 2018 Jul 27.

Pai M, Adhikari NKJ, Ostermann M, Heels-Ansdell D, Douketis JD, Skrobik Y, Qushmaq I, Meade M, Guyatt G, Geerts W, Walsh MW, Crowther MA, Friedrich JO, Burry L, Bellomo R, Brandão da Silva N, Costa Filho R, Cox MJ, Alves Silva S, Cook DJ; PROTECT (Prophylaxis for Thromboembolism in Critical Care Trial) Investigators. Low-molecular-weight heparin venous thromboprophylaxis in critically ill patients with renal dysfunction: A subgroup analysis of the PROTECT trial. *PLoS One*. 2018 Jun 1;13(6):e0198285.

Kearon C, Parpia S, Spencer FA, Baglin T, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid antibodies and recurrent thrombosis after a first unprovoked venous thromboembolism. *Blood*. 2018 May 10;131(19):2151-60.

Douketis JD, Murphy SA, Antman EM, Grip LT, Mercuri MF, Ruff CT, Weitz JI, Braunwald E, Giugliano RP. Perioperative Adverse outcomes in patients with atrial fibrillation taking warfarin or edoxaban: analysis of the ENGAGE AF-RIMI 48 Trial. *Thromb Haemost*. 2018 Jun;118(6):1001-8.

Kahn SR, Morrison DR, Diendere G, Piche A, Filion KB, Klil-Drori AJ, Douketis JD, Emed J, Roussin A, Tagalakis V, Morris M, Geerts W. Interventions for implementation of thromboprophylaxis in hospitalized patients at risk for venous thromboembolism. *Cochrane Database Syst Rev*. 2018 Apr 24;4.

Mehta SR, Baine KR, Cantor WJ, Lordkipanidze M, Marquis-Gravel G, Robinson SD, Sibbald M, So DY, Wong GC, Abunassar JG, Ackman ML, Bell AD, Carrier R, Douketis JD, Lawler PR, McMurty MS, Udell JA, van Diepen S, Verma S, Mancini GBJ, Cairns JA, Tanguay JF, members of the Secondary Panel. 2018 Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology Focused Update of the Guidelines for the Use of Antiplatelet Therapy. *Can J Cardiol*. 2018 Mar;34(3):214-33.

Godin R, Roy G, Douketis J. An opinion on the benefits of concomitant oral contraceptive therapy in premenopausal women treated with oral anticoagulants. *Thromb Res*. 2018 May;165:14-7.

Leblanc K, Semchuk WM, Papastergiou J, Snow B, Mandlsohn L, Kapoor V, Guirguis LM, Douketis JD, Geerts W, Gladstone DJ. A pharmacist checklist for direct oral anticoagulant management: raising the bar. *Can Pharm J (Ott)*. 2018 Feb 9;151(2):102-6.

Shaw JR, Woodfine JD, Douketis J, Schulman S, Carrier M. Perioperative interruption of direct oral anticoagulants in patients with atrial fibrillation: A systematic review and meta-analysis. *Res Pract Thromb Haemost*. 2018 Feb 16;2(2):282-90.

Levy JH, Douketis JD, Weitz JI. Reversal agents for non-vitamin K antagonist oral anticoagulants. *Nat Rev Cardiol*. 2018 May;15(5):273-81.

Clark NP, Douketis JD, Hasselblad V, Schulman S, Kindzelski AL, Ortel TL, BRIDGE Investigators. Predictors of perioperative major bleeding in patients who interrupt warfarin for an elective surgery or procedure: Analysis of the BRIDGE trial. *Am Heart J*. 2018 Jan;195:108-14.

## EIKELBOOM, J.

Steffel J, Eikelboom JW. Stroke prevention in AF: Of Asians and non-Asians. *Eur Heart J*. 2019 May 14;40(19):1528-30. Epub 2018 Dec 22.

Sawhney JP, Kothiwale VA, Bisne V, Durgaprasad R, Jadhav P, Chopda M, Vanajakshamma V, Meena R, Vijayaraghavan G, Chawla K, Allu J, Pieper KS, John Camm A, Kakkar AK; GARFIELD-AF Investigators (including Eikelboom J). Risk profiles and one-year outcomes of patients with newly diagnosed atrial fibrillation in India: Insights from the GARFIELD-AF Registry. *Indian Heart J*. 2018 Nov - Dec;70(6):828-35.

Angiolillo DJ, Goodman SG, Bhatt DL, Eikelboom JW, Price MJ, Moliterno DJ, Cannon CP, Tanguay JF, Granger CB, Mauri L, Holmes DR, Gibson CM, Faxon DP. Antithrombotic Therapy in Patients With Atrial Fibrillation Treated With Oral Anticoagulation Undergoing

## PUBLICATIONS

Percutaneous Coronary Intervention. *Circulation*. 2018 Jul 31;138(5):527-36.

Schiele F, Puymirat E, Ferrières J, Simon T, Fox KAA, Eikelboom J, Danchin N; FAST-MI investigators. The FAST-MI 2005-2010-2015 registries in the light of the COMPASS trial: The COMPASS criteria applied to a post-MI population. *Int J Cardiol*. 2019;278:7-13. Epub 2018 Dec 3.

Birnie DH, Healey JS, Wells GA, Ayala-Paredes F, Couto B, Sumner GL, Becker G, Verma A, Philippon F, Kalfon E, Eikelboom J, Sandhu RK, Nery PB, Lellouche N, Connolly SJ, Sapp J, Essebag V. Continued vs. interrupted direct oral anticoagulants at the time of device surgery, in patients with moderate to high risk of arterial thrombo-embolic events (BRUISE CONTROL-2). *Eur Heart J*. 2018 Nov 21;39(44):3973-9.

Brodsky S, Eikelboom J, Hebert LA. Anticoagulant-Related Nephropathy. *J Am Soc Nephrol*. 2018 Dec;29(12):2787-93.

Bhagirath VC, Eikelboom JW, Anand SS. Low-dose rivaroxaban plus aspirin for the prevention of cardiovascular events: an evaluation of COMPASS. *Future Cardiol*. 2018;14(6):443-53.

Heddle NM, Cook RJ, Liu Y, Zeller M, Barty R, Acker JP, Eikelboom J, Arnold DM. The association between blood donor sex and age and transfusion recipient mortality: an exploratory analysis. *Transfusion*. 2019;59(2):482-91.

Olesen KKW, Steensig K, Madsen M, Thim T, Jensen LO, Raungaard B, Eikelboom J, Kristensen SD, Bøtker HE, Maeng M. Comparison of Frequency of Ischemic Stroke in Patients With Versus Without Coronary Heart Disease and Without Atrial Fibrillation. *Am J Cardiol*. 2019 Jan 1;123(1):153-8. Epub 2018 Sep 26.

Eikelboom J. Response to: Unacceptable conflicts of interest (Br J Anaesth 2018; 121: 1183). *Br J Anaesth*. 2018 Nov;121(5):1183-4.

Kruger PC, Hirsh J, Bhagirath VC, Xu K, Dale B, de Vries TAC, Ginsberg JS, Eikelboom JW, Chan NC. In Vitro Reversal of the Anti-Aggregant Effect of Ticagrelor Using Untreated Platelets. *Thromb Haemost*. 2018 Nov;118(11):1895-901.

Kruger PC, Anand SS, de Vries TAC, Eikelboom JW. Patients with Peripheral Artery Disease in the COMPASS Trial. *Eur J Vasc Endovasc Surg*. 2018;56(6):772-3.

Sharma M, Hart RG, Smith EE, Bosch J, Yuan F, Casanova A, Eikelboom JW, Connolly SJ, Wong G, Diaz R, Lopez-Jaramillo P, Ertl G, Störk S, Dagenais GR, Lonn EM, Ryden L, Tonkin AM, Varigos JD, Bhatt DL, Branch KR, Probstfield JL, Kim JH, Ha JW, O'Donnell M, Vinereanu D, Fox KA, Liang Y, Liu L, Zhu J, Pogossova N, Maggioni AP, Avezum A, Piegas LS, Keltai K, Keltai M, Cook Bruns N, Berkowitz S, Yusuf S. Rationale, design, and baseline participant characteristics in the MRI and cognitive substudy of the cardiovascular outcomes for people using anticoagulation strategies trial. *Int J Stroke*. 2019 Apr;14(3):270-81. Epub 2018 Jul 30.

Kent AP, Brueckmann M, Fraessdorf M, Connolly SJ, Yusuf S, Eikelboom JW, Oldgren J, Reilly PA, Wallentin L, Ezekowitz MD. Concomitant Oral Anticoagulant and Nonsteroidal Anti-Inflammatory Drug Therapy in Patients With Atrial Fibrillation. *J Am Coll Cardiol*. 2018 Jul 17;72(3):255-67.

Hohnloser SH, Eikelboom JW. Direct Oral Anticoagulants and Myocardial Infarction: The Dust Is Settling. *J Am Coll Cardiol*. 2018 Jul 3;72(1):27-8.

Fox KAA, Eikelboom JW, Anand SS, Bhatt DL, Bosch J, Connolly SJ, Harrington RA, Steg PG, Yusuf S. Anti-thrombotic options for secondary prevention in patients with chronic atherosclerotic vascular disease: what does COMPASS add?. *Eur Heart J*. 2019 May 7;40(18):1466-71. Epub 2018 Jun 25.

Whitlock RP, Bhatt DL, Eikelboom JW. Reduced-Intensity Anticoagulation for Mechanical Aortic Valve Prostheses. *J Am Coll Cardiol*. 2018 Jun 19;71(24):2727-30.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Bicc

ard M, Xavier D, Szczeklik W, Meyhoff CS, Vincent J, Franzosi MG, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoelt A, Yusuf S; MANAGE Investigators. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. *Lancet*. 2018 Jun 9;391(10137):2325-34.

Xu K, Chan NC, Hirsh J, Ginsberg JS, Bhagirath V, Kruger P, Dale B, Crowther M, Whitlock RP, Li C, Eikelboom JW. Quantifying immature platelets as markers of increased platelet production after CABG surgery. *Eur J Haematol*. 2018;101(3):362-7.

Monagle SR, Hirsh J, Bhagirath VC, Ginsberg JS, Bosch J, Kruger P, Eikelboom JW. Impact of cost on use of non-vitamin K antagonists in atrial fibrillation patients in Ontario, Canada. *J Thromb Thrombolysis*. 2018 Oct;46(3):310-5.

Crowther MA, Eikelboom JW. Dual and triple antithrombotic therapies: current patterns of practice and controversies. *Kardiol Pol*. 2018;76(6):937-44.

Chan N, Sager PT, Lawrence J, Ortel T, Reilly P, Berkowitz S, Kubitzka D, Eikelboom J, Florian J, Stockbridge N, Rose M, Temple R, Seltzer JH. Is there a role for pharmacokinetic/pharmacodynamic-guided dosing for novel oral anticoagulants? *Am Heart J*. 2018 May;199:59-67.

Hijazi Z, Hohnloser SH, Oldgren J, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Reilly PA, Yusuf S, Wallentin L. Efficacy and safety of dabigatran compared with warfarin in patients with atrial fibrillation in relation to renal function over time-A RE-LY trial analysis. *Am Heart J*. 2018;198:169-77.

Gupta S, Belley-Cote EP, Sarkaria A, Pandey A, Spence J, McClure G, Panchal P, Jaffer IH, An K, Eikelboom J, Whitlock RP. International Normalized Ratio Targets for Left-Sided Mechanical Valve Replacement. *Thromb Haemost*. 2018;118(5):906-13.

Eikelboom JW, Kozek-Langenecker S, Exadaktylos A, Batorova A, Boda Z, Christory F, Gornik I, Kekštas G, Kher A, Komadina R, Koval O, Mitic G, Novikova T, Pazvanska E, Ratobilska S, Stütt J, Winder A, Zateyshchikov D. Emergency care of patients receiving non-vitamin K antagonist oral anticoagulants. *Br J Anaesth*. 2018 Apr;120(4):645-56.

Anand SS, Caron F, Eikelboom JW, Bosch J, Dyal L, Abovans V, Abola MT, Branch KRH, Keltai K, Bhatt DL, Verhamme P, Fox KAA, Cook-Brun N, Lanius V, Connolly SJ, Yusuf S; COMPASS trial Investigators. Major Adverse Limb Events in Lower Extremity Peripheral Artery Disease: COMPASS Trial. *J Am Coll Cardiol*. 2018;71(20):2306-15.

Bhagirath VC, Cosyns B, Eikelboom JW. NOACs only for those who cannot tolerate a VKA: where is the evidence? *Acta Cardiol*. 2019 Feb;74(1):17-20. Epub 2018 Feb 23.

Duceppe E, Yusuf S, Tandon V, Rodseth R, Bicc

ard M, Spronk HMM, Padro T, Siland JE, Prochaska JH, Winters J, van der Wal AC, Posthuma JJ, Lowe G, d'Alessandro E, Wenzel P, Coenen DM, Reitsma PH, Ruf W, van Gorp RH, Koenen RR, Vajen T, Alshaikh NA, Wolberg AS, Macrae FL, Asquith N, Heemskerk J, Heinzmann A, Moorlag M, Mackman N, van der Meijden P, Meijers JCM, Heestermans M, Renné T, Dölleman S, Chayouâ W, Ariëns RAS, Baaten CC, Nagy M, Kuliopulos A, Posma JJ, Harrison P, Vries MJ, Crijns HJGM, Dudink EAMP, Buller HR, Henskens YMC, Själander A, Zwaveling S, Erkiner O, Eikelboom JW, Gulpen A, Peeters FECM, Douxfils J, Olie RH, Baglin T, Leader A, Schotten U, Scaf B, van Beusekom HMM, Mosnier LO, van der Vorm L, Declercq P, Visser M,



Dippel DWJ, Strijbis VJ, Pertiwi K, Ten Cate-Hoek AJ, Ten Cate H. Atherothrombosis and Thromboembolism: Position Paper from the Second Maastricht Consensus Conference on Thrombosis. *Thromb Haemost.* 2018 Feb;118(2):229-50.

Bassand JP, Accetta G, Al Mahmeed W, Corbalan R, Eikelboom J, Fitzmaurice DA, Fox KAA, Gao H, Goldhaber SZ, Goto S, Haas S, Kayani G, Pieper K, Turpie AGG, van Eickels M, Verheugt FWA, Kakkar AK; GARFIELD-AF Investigators. Risk factors for death, stroke, and bleeding in 28,628 patients from the GARFIELD-AF registry: Rationale for comprehensive management of atrial fibrillation. *PLoS One.* 2018 Jan 25;13(1):e0191592.

Eikelboom JW, Connolly SJ, Yusuf S. Rivaroxaban in Stable Cardiovascular Disease. *N Engl J Med.* 2018 Jan 25;378(4):397-8.

Kruger PC, Eikelboom JW, Yusuf S. Rivaroxaban with or without aspirin for prevention of cardiovascular disease. *Coron Artery Dis.* 2018;29(5):361-5.

Um KJ, McClure GR, Belley-Cote EP, Gupta S, Bouhout I, Lortie H, Alraddadi H, Alsagheir A, Bossard M, McIntyre WF, Lengyel A, Eikelboom JW, Ouzounian M, Chu MW, Parry D, El-Hamamsy I, Whitlock RP. Hemodynamic outcomes of the Ross procedure versus other aortic valve replacement: a systematic review and meta-analysis. *J Cardiovasc Surg (Torino).* 2018;59(3):462-70.

Xu K, Chan NC, Eikelboom JW. The value of novel oral anticoagulants in rural Australia. *Med J Aust.* 2018 Jan 15;208(1):15-6.

## FERREIRA, I.

Chatkin JM., Zani-Silva L, Ferreira I M, Zamel N. Cannabis associated Asthma and allergies *Clin Rev Allergy and Immunology.* 2019 Apr;56(2):196-206. Epub 2018 Sept.

## FOX-ROBICHAUD, A.

Newman ANL, Gravesande J, Rotella S, Wu SS, Topp-Nguyen N, Kho ME, Harris JE, Fox-Robichaud A, Solomon P. Physiotherapy in the neurotrauma intensive care unit: A scoping review. *J Crit Care.* 2018 Dec;48:390-406.

Aliakbar M, Fox-Robichaud A, Selvaganapathy R. Rapid and inexpensive method for fabrication of multi-material multi-layer microfluidic devices. *J Micromechanics & Microengineering.* 2018;29(1):1-12.

McIntyre L, Taljaard M, McArdle T, Fox-Robichaud A, English SW, Martin C, Marshall J, Menon K, Muscedere J, Cook DJ, Weijer C, Saginur R, Maybee A, Iyengar A, Forster A, Graham ID, Hawken S, McCartney C, Seely AJ, Stiell IG, Thavorn K, Fergusson DA. FLUID trial: a protocol for a hospital-wide open-label cluster crossover pragmatic comparative effectiveness randomised pilot trial. *BMJ Open.* 2018 Aug 23;8(8):e022780.

White EJ, Gyulay G, Lhoták Š, Szweczyk MM, Chong T, Fuller MT, Dadoo O, Fox-Robichaud AE, Austin RC, Trigatti BL, Igdoura SA. Sialidase down-regulation reduces non-HDL cholesterol, inhibits leukocyte transmigration and attenuates atherosclerosis in ApoE knock-out mice. *J Biol Chem.* 2018 Sep 21;293(38):14689-706.

Mai SHC, Sharma N, Kwong AC, Dwivedi DJ, Khan M, Grin PM, Fox-Robichaud AE, Liaw PC. Body temperature and mouse scoring systems as surrogate markers of death in cecal ligation and puncture sepsis. *Intensive Care Med Exp.* 2018 Jul 27;6(1):20.

Grin PM, Dwivedi DJ, Chathely KM, Trigatti BL, Prat A, Seidah NG, Liaw PC, Fox-Robichaud AE. Low-density lipoprotein (LDL)-dependent uptake of Gram-positive lipoteichoic acid and Gram-negative lipopolysaccharide occurs through LDL receptor. *Sci Rep.* 2018 Jul 12;8(1):10496.

Bigham BL, Chan T, Skitch S, Fox-Robichaud A. Attitudes of emergency department physicians and nurses toward implementation of an early warning score to identify critically ill patients: qualitative explanations for

failed implementation. *CJEM.* 2019 Mar;21(2):269-73. Epub 2018 Jun 14.

Kowalewska PM, Petrik SM, Di Fiore AE, Fox-Robichaud AE. Antimicrobial Efficacy of a New Chlorhexidine-based Device Against *Staphylococcus aureus* Colonization of Venous Catheters. *J Infus Nurs.* 2018 Mar/Apr;41(2):103-12.

Xu MK, Dobson KG, Thabane L, Fox-Robichaud AE. Evaluating the effect of delayed activation of rapid response teams on patient outcomes: a systematic review protocol. *Syst Rev.* 2018 Mar 9;7(1):42.

Swaminathan M, Stafford-Smith M, Chertow GM, Warnock DG, Paragamian V, Brenner RM, Lellouche F, Fox-Robichaud A, Atta MG, Melby S, Mehta RL, Wald R, Verma S, Mazer CD; ACT-AKI investigators. Allogeneic Mesenchymal Stem Cells for the Treatment of Acute Kidney Injury after Cardiac Surgery: A Randomized, Multicenter, Double-Blind, Placebo-Controlled Study. *J Am Soc Nephrol.* 2018 Jan 29;1(1):260-7.

## GERSTEIN, H.

Morieri ML, Gao H, Pigeyre M, Shah HS, Sjaarda J, Mendonca C, Hastings T, Buranasupkajorn P, Motsinger-Reif AA, Rotroff DM, Sigal RJ, Marcovina SM, Kraft P, Buse JB, Wagner MJ, Gerstein HC, Mychaleckyj JC, Paré G, Doria A. Genetic Tools for Coronary Risk Assessment in Type 2 Diabetes: A Cohort Study From the ACCORD Clinical Trial. *Diabetes Care.* 2018;41:2404-13.

Chow CK, Ramasundarhettige C, Hu W, AlHabib KF, Avezum A Jr, Cheng X, Chifamba J, Dagenais G, Dans A, Egbujie BA, Gupta R, Iqbal R, Ismail N, Keskinler MV, Khatib R, Kruger L, Kumar R, Lanas F, Lear S, Lopez-Jaramillo P, McKee M, Mohammadifard N, Mohan V, Mony P, Orlandini A, Rosengren A, Vijayakumar K, Wei L, Yeates K, Yusuf K, Yusuf R, Yusufali A, Zatonska K, Zhou Y, Islam S, Corsi D, Rangarajan S, Teo K, Gerstein HC, Yusuf S; PURE investigators. Availability and affordability of essential medicines for diabetes across high-income, middle-income, and low-income countries: a prospective epidemiological study. *Lancet Diabetes Endocrinol.* 2018;6(10):798-808.

Punthakee Z, Iglesias PP, Alonso-Coello P, Gich I, India I, Malaga G, Jover RD, Gerstein HC, Devereaux PJ. Association of preoperative glucose concentration with myocardial injury and death after non-cardiac surgery (GlucoVISION): a prospective cohort study. *Lancet Diabetes Endocrinol.* 2018;6(10):790-7.

Sjaarda J, Gerstein H, Chong M, Yusuf S, Meyre D, Anand SS, Hess S, Paré G. Blood CSF1 and CXCL12 as Causal Mediators of Coronary Artery Disease. *J Am Coll Cardiol.* 2018;72(3):300-10.

Theodorakis MJ, Coleman RL, Feng H, Chan J, Chiasson JL, Ge J, Gerstein HC, Huo Y, Lang Z, McMurray JJ, Rydén L, Schröder S, Tendera M, Tuomilehto J, Yang W, Hu D, Pan C, Holman RR; ACE Study Group. Baseline characteristics and temporal differences in Acarbose Cardiovascular Evaluation (ACE) trial participants. *Am Heart J.* 2018;199:170-5.

Ross S, Gerstein H, Paré G. The genetic link between diabetes and atherosclerosis. *Can J Cardiol.* 2018 May;34(5):565-74.

Jin X, Liu GG, Gerstein HC, Levine MAH, Steeves K, Guan H, Li H, Xie F. Item reduction and validation of the Chinese version of diabetes quality-of-life measure (DQOL). *Health Qual Life Outcomes.* 2018;16(1):78.

Dankner R, Freedman LS, Gerstein H, Roth J, Keinan-Boker L. Newly diagnosed type 2 diabetes may serve as a potential marker for pancreatic cancer. *Diabetes Metab Res Rev.* 2018 Sep;34(6):e3018.

Sjaarda J, Gerstein HC, Yusuf S, Treleaven D, Walsh M, Mann JFE, Hess S, Paré G.

Blood HER2 and Uromodulin as Causal Mediators of CKD. *J Am Soc Nephrol.* 2018;29:1326-35.

Khunti K, Chatterjee S, Gerstein HC, Zoungas S, Davies MJ. Do sulphonylureas still have a place in clinical practice? *Lancet Diabetes Endocrinol.* 2018 Oct;6(10):821-32.

## PUBLICATIONS

Gerstein HC, Shah R. Cardiovascular Outcomes Trials of Glucose-Lowering Drugs or Strategies in Type 2 Diabetes. *Endocrinol Metab Clin North Am*. 2018 Mar;47(1):97-116.

Aung T, Halsey J, Kromhout D, Gerstein HC, Marchioli R, Tavazzi L, Geleijnse JM, Rauch B, Ness A, Galan P, Chew EY, Bosch J, Collins R, Lewington S, Armitage J, Clarke R; Omega-3 Treatment Trialists' Collaboration. Associations of Omega-3 Fatty Acid Supplement Use With Cardiovascular Disease Risks: Meta-analysis of 10 Trials Involving 77 917 Individuals. *JAMA Cardiol*. 2018;3:225-34.

Mansur RB, Lee Y, Zhou AJ, Carmona NE, Cha DS, Rosenblat JD, Bruins R, Kakar R, Rasgon NL, Lovshin JA, Wroolie TE, Sim K, Brietzke E, Gerstein HC, Rong C, McIntyre RS. Determinants of cognitive function in individuals with type 2 diabetes mellitus: A meta-analysis. *Ann Clin Psychiatry*. 2018;30:38-50.

Gerstein HC, Jung H, Rydén L, Diaz R, Gilbert RE, Yusuf S; ORIGIN Investigators. Effect of Basal Insulin Glargine on First and Recurrent Episodes of Heart Failure Hospitalization: The ORIGIN Trial (Outcome Reduction With Initial Glargine Intervention). *Circulation*. 2018;137:88-90.

Cefalu WT, Kaul S, Gerstein HC, Holman RR, Zinman B, Skyler JS, Green JB, Buse JB, Inzucchi SE, Leiter LA, Raz I, Rosenstock J, Riddle MC. Cardiovascular Outcomes Trials in Type 2 Diabetes: Where Do We Go From Here? Reflections from a Diabetes Care Editors' Expert Forum. *Diabetes Care*. 2018;41:14-31.

Shah HS, Morieri ML, Marcovina SM, Sigal RJ, Gerstein HC, Wagner MJ, Motsinger-Reif AA, Buse JB, Kraft P, Mychaleckyj JC, Doria A. Modulation of GLP-1 Levels by a Genetic Variant That Regulates the Cardiovascular Effects of Intensive Glycemic Control in ACCORD. *Diabetes Care*. 2018;41:348-55.

Gerstein HC, Ferrannini E, Riddle MC, Yusuf S; ORIGIN Trial Investigators. Insulin Resistance and Cardiovascular Outcomes in the ORIGIN Trial. *Diabetes Obes Metab*. 2018;20(3):564-70.

### GROSS, P.

Yu P, Xiong T, Tenedero CB, Lebeau P, Ni R, MacDonald ME, Gross PL, Austin RC, Trigatti BL. Rosuvastatin reduces aortic sinus and coronary artery atherosclerosis in SR-B1/apoE double knockout mice independently of plasma cholesterol lowering. *Atheroscl Thromb Vasc Biol*. 2018 Jan;38(1):26-39.

Chan NC, Gross PL, Weitz JI. Addressing the burden of hospital related venous thromboembolism: The role of extended anticoagulant prophylaxis. *J Thromb Hemostas* 2018 Mar;16(3):413-7.

Anderson DA, Dunbar M, Murnaghan J, Kahn SR, Gross PL, Forsythe M, Pelet S, Fisher W, Belzile E, Dolan S, Crowther M, Bohm E, MacDonald SJ, Gofton W, Kim P, Zukor D, Pleasance S, Andreou P, Doucette S, Theriault C, Abianui A, Carrier M, Kovacs MJ, Rodger MJ, Wells PS, Vendittoli P-A. Aspirin vs Rivaroxaban for VTE Prophylaxis Post-Hip and Knee Arthroplasty. *New Engl J Med*. 2018 Feb 22;378(8):699-707.

Schulman S, Gross PL, Ritchie B, Nahirniak D, Lin, Y, Lieberman L, Carrier M, Crowther MA, Ghosh I, Zondag M on behalf of the study investigators. Prothrombin complex concentrate for major bleeding on factor Xa inhibitors: a prospective cohort study. *Thromb Haemost*. 2018 May;118(5):842-51.

van Es N, Louzada M, Carrier M, Tagalakis V, Gross PL, Shivakumar S, Rodger MA, Wells PS. Predicting the risk of recurrent venous thromboembolism in patients with cancer: A prospective cohort study. *Thromb Res*. 2018 Mar;163:41-6.

Raskob GE, van Es N, Verhamme P, Carrier M, Di Nisio M, Garcia D, Grosso MA, Kakkar AK, Kovacs MJ, Mercuri MF, Meyer G, Segers A, Shi M, Wang TF, Yeo E, Zhang G, Zwicker JI, Weitz JI, Büller HR; Hokusai VTE Cancer Investigators (includes Gross PL). Edoxaban for the Treatment of Cancer-Associated Venous Thromboembolism. *N Engl J Med*. 2018 Feb 15;378(7):615-24.

Ni R, Vaezzadeh N, Zhou J, Weitz JI, Cattaneo M, Gross PL. Effect of Different Doses of Acetylsalicylic Acid on the Antithrombotic Activity of Clopidogrel in a Mouse Arterial Thrombosis Model. *Arterioscler Thromb Vasc Biol*. 2018 Oct;38(10):2338-44.

### Book Chapters

Gross PL, Weil PA, Rand ML. Hemostasis and Thrombosis. In: Harper's Biochemistry (31st edition) (Weitz M, Boyle P, Eds.). Lange-McGraw-Hill, Chapter 55, 2018.

### GUPTA, M.

Brunham LR, Ruel I, Aljenedil S, Rivière JB, Baass A, Tu JV, Mancini GBJ, Raggi P, Gupta M, Couture P, Pearson GJ, Bergeron J, Francis GA, McCrindle BW, Morrison K, St-Pierre J, Henderson M, Hegele RA, Genest J, Goguen J, Gaudet D, Paré G, Romney J, Ransom T, Bernard S, Katz P, Joy TR, Bewick D, Brophy J. Canadian Cardiovascular Society Position Statement on Familial Hypercholesterolemia: Update 2018. *Can J Cardiol*. 2018 Dec;34(12):1553-63.

Bohula EA, Scirica BM, Inzucchi SE, McGuire DK, Keech AC, Smith SR, Kanevsky E, Murphy SA, Leiter LA, Dwyer JP, Corbalan R, Hamm C, Kaplan L, Nicolau JC, Ophuis TO, Ray KK, Ruda M, Spinar J, Patel T, Miao W, Perdomo C, Francis B, Dhadda S, Bonaca MP, Ruff CT, Sabatine MS, Wiviott SD; CAMELLIA-TIMI 61 Steering Committee Investigators. Effect of Ircaserin on prevention and remission of type 2 diabetes in overweight and obese patients (CAMELLIA-TIMI 61): a randomised, placebo-controlled trial. *Lancet*. 2018 Nov 24;392(10161):2269-79.

Hernandez AF, Green JB, Janmohamed S, D'Agostino RB Sr, Granger CB, Jones NP, Leiter LA, Rosenberg AE, Sigmon KN, Somerville MC, Thorpe KM, McMurray JVV, Del Prato S; Harmony Outcomes committees and investigators. Albiglutide and cardiovascular outcomes in patients with type 2 diabetes and cardiovascular disease (Harmony Outcomes): a double-blind, randomised placebo-controlled trial. *Lancet*. 2018 Oct 27;392(10157):1519-29.

Bohula EA, Wiviott SD, McGuire DK, Inzucchi SE, Kuder J, Im K, Fanola CL, Qamar A, Brown C, Budaj A, Garcia-Castillo A, Gupta M, Leiter LA, Weissman NJ, White HD, Patel T, Francis B, Miao W, Perdomo C, Dhadda S, Bonaca MP, Ruff CT, Keech AC, Smith SR, Sabatine MS, Scirica BM; CAMELLIA-TIMI 61 Steering Committee and Investigators. Cardiovascular Safety of Ircaserin in Overweight or Obese Patients. *N Engl J Med*. 2018 Sep 20;379(12):1107-17.

Raggi P, Genest J, Giles JT, Rayner KJ, Dwivedi G, Beanlands RS, Gupta M. Atherosclerosis. Role of inflammation in the pathogenesis of atherosclerosis and therapeutic interventions. 2018 Sep;276:98-108.

Ruel I, Brisson D, Aljenedil S, Awan Z, Baass A, Bélanger A, Bergeron J, Bewick D, Brophy JM, Brunham LR, Couture P, Dufour R, Francis GA, Frohlich J, Gagné C, Gaudet D, Grégoire JC, Gupta M, Hegele RA, Mancini GBJ, McCrindle BW, Pang J, Raggi P, Tu JV, Watts GF, Genest J. Simplified Canadian Definition for Familial Hypercholesterolemia. *Can J Cardiol*. 2018 Sep;34(9):1210-4.

Volgman AS, Palaniappan LS, Aggarwal NT, Gupta M, Khandelwal A, Krishnan AV, Lichtman JH, Mehta LS, Patel HN, Shah KS, Shah SH, Watson KE; American Heart Association Council on Epidemiology and Prevention; Cardiovascular Disease and Stroke in Women and Special Populations Committee of the Council on Clinical Cardiology; Council on Cardiovascular and Stroke Nursing; Council on Quality of Care and Outcomes Research; and Stroke Council. Atherosclerotic Cardiovascular Disease in South Asians in the United States: Epidemiology, Risk Factors, and Treatments: A Scientific Statement From the American Heart Association. *Circulation*. 2018 Jul 3;138(1):e1-e34.

Nerenberg KA, Zarnke KB, Leung AA, Dasgupta K, Butalia S, McBrien K, Harris KC, Nakhla M, Cloutier L, Gelfer M, et al; Hypertension Canada. Hypertension Canada's 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and

Children. *Can J Cardiol*. 2018 May;34(5):506-25.

Dwarkanath P, Vasudevan A, Thomas T, Anand SS, Desai D, Gupta M, Menezes G, Kurpad AV, Srinivasan K. Socio-economic, environmental and nutritional characteristics of urban and rural South Indian women in early pregnancy: findings from the South Asian Birth Cohort (START). *Public Health Nutr*. 2018 Jun;21(8):1554-64.

## HALDER, S.

Yongwen Ng J, Chauhan U, Armstrong D, Marshall J, Tse F, Moayyedi P, Reinisch W, Halder S. A Comparison of the Prevalence of Anxiety and Depression Between Uncomplicated and Complex IBD Patient Groups. *Gastroenterol Nurs*. 2018 Sep/Oct;41(5):427-35.

## HAYNES, B.

Fuller RH, Perel P, Navarro T, Nieuwlaat R, Haynes RB, Huffman MD. Improving medication adherence in patients with cardiovascular disease: a systematic review. *Heart*. 2018 Aug;104(15):1238-43.

Shanbhag D, Graham ID, Harlos K, Haynes RB, Gabizon I, Connolly SJ, Van Spall HC. Effectiveness of implementation interventions in improving physician adherence to guideline recommendations in heart failure: a systematic review. *BMJ Open*. 2018;8:e017765.

Albarqouni L, Hoffmann T, Straus S, Rydland Olsen N, Young T, Ilic D, Shaneyfelt T, Haynes RB, Guyatt G, Glasziou P. Core competencies in Evidence-Based Practice for Health Professionals: consensus statement based on a systematic review and Delphi survey. *JAMA Open*. 2018;1(2):e180281.

DeI Fiol G, Michelson M, Iorio A, Cotoi C, Haynes RB. Deep learning method to automatically identify reports of scientifically rigorous clinical research from the biomedical literature. *J Med Internet Res*. 2018;20(6):e10281.

Baumgartner P, Haynes RB, Hersberger K, Arnet Isabelle. A systematic review of medication adherence thresholds dependent of clinical outcomes. *Front Pharmacol*. 2018;9:1290.

## HAYWARD, C.

Hayward CPM, Tasneem S, Rivard GE. Thrombopoietin levels in Quebec platelet disorder - Implications for the mechanism of thrombocytopenia. *Int J Lab Hematol*. 2018 Apr;40(2):e33-e34.

Hayward CPM. How I investigate for bleeding disorders. *Int J Lab Hematol* 2018 May;40 Suppl 1:6-14.

Hayward CPM. Update from the President of the International Society for Laboratory Hematology initiatives to promote education, mentorship, best practices and collaboration. *Int J Lab Hematol*. 2018 May;40 Suppl 1:4-5.

Brunet J, Iyer JK, Badin MS, Graf L, Moffat KA, Timleck M, Spitzer E, Hayward CPM, Electron microscopy examination of platelet whole mount preparations to quantitate platelet dense granule numbers: Implications for diagnosing suspected platelet function disorders due to dense granule deficiency. *Int J Lab Hematol* 2018 Aug;40(4):400-7.

## HEALEY, A.

Sharif S, Skitch S, Vlahaki D, Healey A. Point-of-care ultrasound to diagnose appendicitis in a Canadian emergency department. *CJEM*. 2018 Sep;20(5):732-5.

Sarti AJ, Sutherland S, Healey A, Dhanani S, Landriault A, Fothergill-Bourbonnais F, Hartwick M, Beitel J, Oczkowski S, Cardinal P. A Multicenter Qualitative Investigation of the Experiences and Perspectives of Substitute Decision Makers Who Underwent Organ Donation Decisions. *Prog Transplant*. 2018 Dec;28(4):343-8.

D'Aragon F, Cook D, Dhanani S, Ribic C, Burns KEA, Akhtar A, Hand L, Arseneau E, Cupido C, Whittigham H, Healey A, Frenette AJ,

Lamontagne F, Meade MO; Canadian Critical Care Trials Group and the Canadian National Transplant Research Program. Hamilton-DONATE: a city-wide pilot observational study of the ICU management of deceased organ donors. *Can J Anaesth*. 2018 Oct;65(10):1110-9.

Sarti AJ, Sutherland S, Healey A, Dhanani S, Hartwick M, Oczkowski S, Messenger D, Soliman K, Ball I, Mema B, Cardinal MP, Valiani S, Cardinal P. A multicentre investigation of organ and tissue donation education for critical care residents. *Can J Anaesth*. 2018 Oct;65(10):1120-8.

## HEALEY, J.

Bessissow A, Agzarian J, Shargall Y, Srinathan S, Neary J, Tandon V, Finley C, Healey JS, Conen D, Rodseth R, Pettit S, Dechert W, Regalado O, Ramasundarahettige C, Alshalash S, Devereaux PJ. Colchicine for Prevention of Perioperative Atrial Fibrillation in patients undergoing lung resection surgery: a pilot randomized controlled study. *Eur J Cardiothorac Surg*. 2018;15(3):945-51.

Gula LJ, Doucette S, Leong-Sit P, Tang ASL, Parkash R, Sarrazin JF, Thibault B, Essebag V, Tung SK, Deyell MW, Raymond JM, Lane C, Nery PB, Veenhuyzen GD, Redfearn DP, Healey JS, Roux JF, Giddens K, Sapp JL. Quality of life with ablation or medical therapy for ventricular arrhythmias: A substudy of VANISH. *J Cardiovasc Electrophysiol*. 2018;29(3):421-34.

Deyell MW, Steinberg C, Doucette S, Parkash R, Nault I, Gray C, Essebag V, Gardner M, Sterns LD, Healey JS, Hruczkowski T, Rivard L, Leong-Sit P, Nery PB, Sapp JL. Mexiletine or Catheter Ablation After Amiodarone Failure in the VANISH Trial. *J Cardiovasc Electrophysiol*. 2018;29(4):603-8.

Healey JS. The winding path towards rationale anti-thrombotic therapy to prevent stroke in patients with atrial fibrillation. *Eur Heart J*. 2018;39(6):474-6.

Shurrab M, Kaoutskaia A, Baranchuk A, Lau C, Singarajah T, Lashevsky I, Newman D, Healey JS, Crystal E. Are there increased periprocedural complications with the MRI-conditional Medtronic Revo SureScan Pacing System? : A meta-analysis. *Neth Heart J*. 2018;26(5):233-9.

Verma A, Ha ACT, Kirchoff P, Hindricks G, Healey JS, Hill MD, Sharma M, Wyse DG, Champagne J, Essebag V, Wells G, Gupta D, Heidebuchel H, Sanders P, Birnie DH. The Optimal Anti-Coagulation for Enhanced-Risk Patients Post-Catheter Ablation for Atrial Fibrillation (OCEAN) trial. *Am Heart J*. 2018 Mar;197:124-32.

McIntyre WF, Conen D, Olshansky B, Halperin JL, Hayek E, Huisman MV, Lip GYH, Lu S, Healey JS. Stroke prevention strategies in North American patients with atrial fibrillation: the GLORIA-AF registry program. *Clin Cardiol*. 2018;41(6):744-51.

Alturki A, Proietti R, Alturki H, Dorian P, Healey JS, Greiss I, Kus T, Essebag V, Huynh T. Meta-Analysis Comparing Neurohumoral Antagonist Use in Patients  $\geq 75$  Years Versus  $< 75$  Years Receiving Cardiac Resynchronization Therapy. *Am J Cardiol*. 2018 Apr 15;121(8):975-80.

Healey JS, McIntyre WF, Whitlock RP. Late Stroke After Coronary Artery Bypass Grafting. *JAMA Cardiol*. 2018 May 1;3(5):425-6.

Bennett MT, Leader N, Sapp J, Parkash R, Gardner M, Healey JS, Thibault B, Sterns L, Essebag V, Birnie D, Sivakumaran S, Nery P, Andrade JG, Krahn AD, Tang A. Differentiating Ventricular From Supraventricular Arrhythmias Using the Postpacing Interval After Failed Antitachycardia Pacing. *Circ Arrhythm Electrophysiol*. 2018 Apr;11(4):e005921.

Wong JA, Healey JS. Incident Atrial Fibrillation and Stroke in Patients With Atrial Flutter. *Can J Cardiol*. 2018 Jun;34(6):696-7.

Piccini JP, Connolly SJ, Abraham WT, Healey JS, Steinberg BA, Al-Khalidi HR, Dignacco P, van Veldhuisen DJ, Sauer WH, White M, Wilton SB, Anand IS, Dufton C, Marshall DA, Aleong RG, Davis GW,



## PUBLICATIONS

- Clark RL, Emery LL, Bristow MR. A genotype-directed comparative effectiveness trial of Bucindolol and metoprolol succinate for prevention of symptomatic atrial fibrillation/atrial flutter in patients with heart failure: Rationale and design of the GENETIC-AF trial. *Am Heart J*. 2018 May;199:51-8.
- Perera KS, Sharma M, Connolly SJ, Wang J, Gold MR, Hohnloser SH, Lau CP, Van Gelder IC, Morillo C, Capucci A, Israel CW, Botto G, Healey JS. Stroke type and severity in patients with subclinical atrial fibrillation: An analysis from the Asymptomatic Atrial Fibrillation and Stroke Evaluation in Pacemaker Patients and the Atrial Fibrillation Reduction Atrial Pacing Trial (ASSERT). *Am Heart J*. 2018 Jul;201:160-3.
- Coyle K, Coyle D, Nault I, Parkash R, Healey JS, Gray CJ, Gardner MJ, Sterns LD, Essebag V, Hruczkowski T, Blier L, Wells GA, Tang ASL, Stevenson WG, Sapp JL. Cost Effectiveness of Ventricular Tachycardia Ablation Versus Escalation of Antiarrhythmic Drug Therapy: The VANISH Trial. *JACC Clin Electrophysiol*. 2018 May;4(5):660-8.
- McIntyre WF, Um KJ, Alhazzani W, Lengyel AP, Hajjar L, Gordon AC, Lamontagne F, Healey JS, Whitlock RP, Belley-Côté EP. Association of Vasopressin Plus Catecholamine Vasopressors vs Catecholamines Alone With Atrial Fibrillation in Patients With Distributive Shock: A Systematic Review and Meta-analysis. *JAMA*. 2018 May 8;319(18):1889-900.
- Wong JA, Conen D, Van Gelder IC, McIntyre WF, Crijns HJ, Wang J, Gold MR, Hohnloser SH, Lau CP, Capucci A, Botto G, Grönefeld G, Israel CW, Connolly SJ, Healey JS. Progression of Device-Detected Subclinical Atrial Fibrillation and the Risk of Heart Failure. *J Am Coll Cardiol*. 2018 Jun 12;71(23):2603-11.
- Sandhu RK, Healey JS. Screening for undiagnosed atrial fibrillation. *Expert Rev Cardiovasc Ther*. 2018 Aug;16(8):591-8.
- Deif B, Ballantyne B, Almeahadi F, Mikhail M, McIntyre WF, Manlucu J, Yee R, Sapp JL, Roberts JD, Healey JS, Leong-Sit P, Tang AS. Cardiac Resynchronization is Pro-arrhythmic in the Absence of Reverse Ventricular Remodelling: A Systematic Review and Meta-analysis. *Cardiovasc Res*. 2018;114(11):1435-44.
- Shurrah M, Ko DT, Zayed Y, Navaneethan SD, Yadak N, Yaseen A, Kaoutskaia A, Qamhia W, Hamdan Z, Haj-Yahia S, Lee DS, Newman D, Healey JS, Harvey P, Crystal E. Outcomes of ICDs and CRTs in patients with chronic kidney disease: a meta-analysis of 21,000 patients. *J Interv Card Electrophysiol*. 2018 Oct;53(1):123-9.
- Healey JS. Stroke prevention in atrial fibrillation: What is real world, and what do real-world data reveal? *J Am Coll Cardiol*. 2018;72(2):154-5.
- McAlister FA, Wiebe N, Ronksley PE, Healey JS. Although non-stroke outcomes are more common, stroke risk scores can be used for prediction in patients with atrial fibrillation. *International Journal of Cardiology*. 2018;269:145-51.
- Brouwer TF, Knops RE, Kutiyafa V, Barr C, Mondésert B, Boersma LVA, Lambiase PD, Wold N, Jones PW, Healey JS. Propensity-score Matched comparison of subcutaneous and transvenous implantable defibrillator therapy in the SIMPLE and EFFORTLESS studies. *Europace*. 2018;20(F12):f24-f248.
- Chatterjee D, Fatah M, Akdis D, Spears DA, Koopmann TT, Mittal K, Rafiq MA, Cattanach BM, Zhao Q, Healey JS, Ackerman MJ, Martin Box J, Sun Y, Maynes JT, Brunckhorst C, Medeiros-Domingo A, Duru F, Saguner AM, Hamilton RM. An autoantibody identifies arrhythmogenic right ventricular cardiomyopathy and participates in its pathogenesis. *European Heart Journal*. 2018;0:1-13.
- Quinn FR, Gladstone DJ, Ivers NM, Sandhu RK, Dolovich L, Ling A, Nakamya J, Ramasundarahettige C, Frydrych PA, Henein S, Ng K, Congdon V, Birtwhistle RV, Ward R, Healey JS. Diagnostic accuracy and yield of screening tests for atrial fibrillation in the family practice setting: a multicentre cohort study. *CMAJ Open*. 2018 Aug 2;6(3):E308-E315.
- Um KJ, Belley-Côté EP, Healey JS, McIntyre WF. Limitations of Administrative Data for Examining Secondary Atrial Fibrillation. *JACC Clin Electrophysiol*. 2018 Apr;4(4):561-2.
- Tarride JE, Quinn FR, Blackhouse G, Sandhu RK, Burke N, Gladstone DJ, Ivers NM, Dolovich L, Thornton A, Nakamya J, Ramasundarahettige C, Frydrych PA, Henein S, Ng K, Congdon V, Birtwhistle RV, Ward R, Healey JS. Is Screening for Atrial Fibrillation in Canadian Family Practices Cost-Effective in Patients 65 Years and Older? *Can J Cardiol*. 2018;34(11):1522-5.
- Sandhu RK, Quadros KK, Liu YY, Glikson M, Kutiyafa V, Mabo P, Hohnloser S, O'Hara G, VanErven L, Neuzner J, Kautzner J, Gadler F, Vinolas X, Appl U, Connolly SJ, Healey JS. Sedation strategies for defibrillation threshold testing: Safety outcomes with anesthesiologist compared to proceduralist-directed sedation: An analysis from the SIMPLE study. *Europace* 2018;20(11):1798-803.
- McIntyre WF, Mendoza PA, Belley-Côté EP, Whitlock RP, Um KJ, Maystrenko N, Devereaux PJ, Conen D, Wong JA, Connolly SJ, Healey JS. Design and Rationale of the Atrial Fibrillation Occurring Transiently with Stress (AFOTS) Follow-Up Cohort Study. *Clinical Cardiology*. 2018;41(10):1273-80.
- Burstein B, Barbosa RS, Samuel M, Kalfon E, Philippon F, Birnie D, Mangat I, Redfearn D, Sandhu R, Macle L, Sapp J, Verma A, Healey JS, Becker G, Chauhan V, Couto B, Roux JF, Leong-Sit P, Andrade JG, Veenhuyzen GD, Joza J, Bernier M, Essebag V. Prevention of venous thrombosis after electrophysiology procedures: a survey of national practice. *J Interv Card Electrophysiol*. 2018 Dec;53(3):357-63.
- Carroll SL, Embuldeniya G, Pannag J, Lewis KB, Healey JS, McGillion M, Thabane L, Stacey D. "I don't know exactly what you're referring to": the challenge of values elicitation in decision making for implantable cardioverter-defibrillators. *Patient Prefer Adherence*. 2018 Sep 28;12:1947-54.
- Alturki A, Huynh T, Dawas A, Alturki H, Joza J, Healey JS, Essebag V. Left atrial appendage isolation in atrial fibrillation catheter ablation: A meta-analysis. *J Arrhythm*. 2018 Jul 20;34(5):478-84.
- Andrade JG, Verma A, Mitchell LB, Parkash R, Leblanc K, Atzema C, Healey JS, Bell A, Cairns J, Connolly S, Cox J, Dorian P, Gladstone D, McMurry MS, Nair GM, Pilote L, Sarrazin JF, Sharma M, Skanes A, Talajic M, Tsang T, Verma S, Wyse DG, Nattel S, Macle L; CCS Atrial Fibrillation Guidelines Committee. 2018 Focused Update of the Canadian Cardiovascular Society Guidelines for the Management of Atrial Fibrillation. *Can J Cardiol*. 2018 Nov;34(11):1371-92.
- Wan D, Healey JS, Simpson CS. The Guideline-Policy Gap in Direct-Acting Oral Anticoagulants Usage in Atrial Fibrillation: Evidence, Practice, and Public Policy Considerations. *Can J Cardiol*. 2018 Nov;34(11):1412-25.
- Birnie DH, Healey JS, Wells GA, Ayala-Paredes F, Couto B, Sumner GL, Becker G, Verma A, Philippon F, Kalfon E, Eikelboom J, Sandhu RK, Nery PB, Lellouche N, Connolly SJ, Sapp J, Essebag V. Continued vs. interrupted direct oral anticoagulants at the time of device surgery, in patients with moderate to high risk of arterial thrombo-embolic events (BRUISE CONTROL-2). *Eur Heart J*. 2018 Nov 21;39(44):3973-9.
- Malhi N, So PP, Cheung CC, Laksman ZWM, Healey JS, Chauhan VS, Green MS, Champagne J, Steinberg C, Sanatani S, Angaran P, Duff H, Roberts JD, Arbour L, Leather R, Simpson CS, Tadros R, Talajic M, Gardner M, Siefert C, Krahn AD. Early Repolarization Pattern Inheritance in the Cardiac Arrest Survivors with Preserved Ejection Fraction Registry (CASPER). *JACC Clin Electrophysiol*. 2018 Nov;4(11):1473-9.
- Lancaster K, Thabane L, Tarride JE, Agarwal G, Healey JS, Sandhu R, Dolovich L. Descriptive analysis of pharmacy services provided after community pharmacy screening. *Int J Clin Pharm*. 2018 Dec;40(6):1577-86.

**HECKMAN, G.**

Betini RSD, Hirdes JP, Curtin-Telegdi N, Gammage L, Vansickle J, Poss J, Heckman G. Development and validation of a screener based on interRAI assessments to measure informal caregiver wellbeing in the community. *BMC Geriatr*. 2018 Dec 13;18(1):310.

Rolfson DB, Heckman GA, Bagshaw SM, Robertson D, Hirdes JP. Implementing Frailty Measures in the Canadian Healthcare System. *J Frailty Aging*. 2018;7(4):208-16.

Schumacher C, Lackey C, Haughton D, Peirce T, Boscart VM, Davey M, Harkness K, Heckman GA, Junek M, McKelvie R, Mitchell L, Sinha SK, Costa AP. A Chronic Disease Management Intervention for Home Care Patients with Cardio-Respiratory Symptoms: The DIVERT-CARE Intervention. *Canadian Journal of Cardiovascular Nursing*. 2018;28(3):18-26.

Boscart VM, Sidani S, Poss J, Davey M, d'Avernas J, Brown P, Heckman G, Ploeg J, Costa AP. The associations between staffing hours and quality of care indicators in long-term care. *BMC Health Serv Res*. 2018 Oct 3;18(1):750.

Elliott J, Stolee P, Boscart V, Giangregorio L, Heckman G. Coordinating care for older adults in primary care settings: understanding the current context. *BMC Fam Pract*. 2018 Aug 7;19(1):137.

Heckman GA, Franco BB, Lee L, Hillier L, Boscart V, Stolee P, Crutchlow L, Dubin JA, Molnar F, Seitz D. Towards Consensus on Essential Components of Physical Examination in Primary Care-based Memory Clinics. *Can Geriatr J*. 2018 Jun 30;21(2):143-51.

Heckman GA, Shamji AK, Ladha R, Stapleton J, Boscart V, Boxer RS, Martin LB, Crutchlow L, McKelvie RS. Heart Failure Management in Nursing Homes: A Scoping Literature Review. *Can J Cardiol*. 2018 Jul;34(7):871-80.

Huitema AA, Harkness K, Heckman GA, McKelvie RS. The Spoke-Hub-and-Node Model of Integrated Heart Failure Care. *Can J Cardiol*. 2018 Jul;34(7):863-70.

Dash D, Heckman GA, Boscart VM, Costa AP, Killingbeck J, d'Avernas JR. Using powerful data from the interRAI MDS to support care and a learning health system: A case study from long-term care. *Health Manage Forum*. 2018 Jul;31(4):153-9.

Emary PC, Brown AL, Heckman GA. Integration and collaboration to reduce analgesic use (Letter- July 6, 2018); in response to Goertz C, et al. Effect of Usual Medical Care Plus Chiropractic Care vs Usual Medical Care Alone on Pain and Disability Among US Service Members With Low Back Pain: A Comparative Effectiveness Clinical Trial. *JAMA Netw Open*. 2018;1(1):e180105.

Boscart VM, Davey M, Ploeg J, Heckman G, Dupuis S, Sheiban L, Luh Kim J, Brown P, Sidani S. Psychometric Evaluation of the Team Member Perspectives of Person-Centered Care (TM-PCC) Survey for Long-Term Care Homes. *Healthcare (Basel)*. 2018 Jun 6;6(2). pii: E59.

Boscart VM, Heckman G, Davey M, Heyer M, Hirdes JP. Impact of the applied simulated and integrated learning approach on nursing assistants' knowledge and confidence caring for frail seniors in nursing homes. *Pilot Feasibility Stud*. 2018 May 14;4:77.

Afzal A, Stolee P, Heckman GA, Boscart VM, Sanyal C. The role of unregulated care providers in Canada-A scoping review. *Int J Older People Nurs*. 2018 Sep;13(3):e12190.

Faubert C, Heckman G, McKelvie R. Management of Non-ST-Elevation Myocardial Infarction in Elderly Patients: Time to Consider Frailty and Quality of Life. *Can J Cardiol*. 2018 Mar;34(3):241-3.

Heckman GA, McKelvie RS, Rockwood K. Individualizing the care of older heart failure patients. *Curr Opin Cardiol*. 2018 Mar;33(2):208-16.

AlMouaalamy NA, Heckman G, Lewis D (2018) Documentation of Code Status for Elderly Patients Admitted to a Hospital. *Arch Med*. 2018;10(2):1.

Keller HH, Lengyel C, Carrier N, Slaughter SE, Morrison J, Duncan AM, Steele CM, Duizer L, Brown KS, Chaudhury H, Yoon MN, Boscart V, Heckman G, Villalon L. Prevalence of inadequate micronutrient intakes of Canadian long-term care residents. *Br J Nutr*. 2018 Feb 15;1-10.

Cheung ENM, Benjamin S, Heckman G, Ho JM, Lee L, Sinha SK, Costa AP. Clinical characteristics associated with the onset of delirium among long-term nursing home residents. *BMC Geriatr*. 2018 Feb 2;18(1):39.

## HIROTA, J.

Sellers SL, Chan R, Mielnik M, Jermilova U, Pavlovic M, Hirota JA, Seidman M, Hogg JC, Esfrandiarei M, Van Breemen C, Bernatchez PN (2018). The Effect of Losartan on Marfan Syndrome Is Angiotensin II Receptor Type 1 (ATR1) Independent: Off-Target Activation of Nitric Oxide Synthase. *Am J Pathol*. 2018 Mar;188(3):574-85.

Rider CF, Yamamoto M, Günther OP, Singh A, Hirota JA, Tebbutt SJ, Carlsten C. Effects of Controlled Diesel Exhaust and Allergen Exposure on microRNA and Gene Expression in Humans. Modulation of Lung Inflammatory Markers Associated with Asthma. *Ann Am Thorac Soc*. 2018 Apr;15(Supplement\_2):S130-S131.

Huff RD, Rider C, Yan D, Newton R, Hirota JA. Inhibition of ABCC4 potentiates combination beta agonist and glucocorticoid responses in human airway epithelial cells. *Journal of Allergy and Clinical Immunology*. 2018 Mar;141(3):1127-30.

## HOLBROOK, A.

Muratov S, Lee J, Holbrook A, Costa A, Paterson JM, Guertin JR, et al. Regional variation in healthcare spending and mortality among senior high-cost healthcare users in Ontario, Canada: a retrospective matched cohort study. *BMC Geriatr*. 2018;18(1):262.

Li G, Lip GYH, Holbrook A, Chang Y, Larsen TB, Sun X, et al. Direct comparative effectiveness and safety between non-vitamin K antagonist oral anticoagulants for stroke prevention in nonvalvular atrial fibrillation: a systematic review and meta-analysis of observational studies. *Eur J Epidemiol*. 2019 Feb;34(2):173-90. Epub 2018 Jun 8.

Holbrook A. In patients with rheumatoid arthritis, bDMARD therapy was not associated with malignant neoplasms. *Ann Intern Med*. 2018;168(4):Jc23.

Witt DM, Nieuwlaet R, Clark NP, Ansell J, Holbrook A, Skov J, Shehab N, Mock J, Myers Tarra, Dentali F, Crowther M, Agarwal A, Bhatt, M, Khatib, Riva JJ, Zhang Y, Guyatt, G. American Society of Hematology 2018 guidelines for management of venous thromboembolism: optimal management of anticoagulation therapy. *Blood Advances*. 2018;2(22):3257-91.

Ho JM-W, Tung J, Maitland J, Mangin D, Thabane L, Pavlin JM, Alfonsi H, Holbrook A, Straus S, Benjamin S. GeriMedRisk, a telemedicine geriatric pharmacology consultation service to address adverse drug events in long-term care: a stepped-wedge cluster randomized feasibility trial protocol (ISRCTN17219647). *Pilot and Feasibility Studies*. 2018;4:116.

Kolhatkar A, Cheng L, Morgan S, Goldsmith L, Dhalla I, Holbrook A, Law M. Patterns of borrowing to finance out-of-pocket prescription drug costs in Canada: a descriptive analysis. *CMAJ Open*. 2018;6(4):E544-E550.

Pottie K, Thompson W, Davies SJC, Grenier J, Sadowski C, Welch V, Holbrook A, Boyd C, Swenson J, Ma A, Farrell B. Deprescribing benzodiazepine receptor agonists: an evidence-based clinical practice guideline. *Canadian Family Physician*. 2018;64:339-51.

Khan S, Holbrook A, Shah BR. Does Googling lead to statin intolerance? *International Journal of Cardiology*. 2018;262:25-7.

Lee JY, Muratov S, Tarride J-E, Holbrook AM. Managing High-Cost Healthcare Users: The International Search for Effective Evidence-

## PUBLICATIONS

Supported Strategies. *Journal of the American Geriatrics Society*. 2018;66(5):1002-8.

Holbrook A. In patients with rheumatoid arthritis, bDMARD therapy was not associated with malignant neoplasms. *Ann Intern Med*. 2018;168(4):Jc23.

Law MR, Cheng L, Kolhatkar A, Goldsmith LJ, Morgan SG, Holbrook AM, et al. The consequences of patient charges for prescription drugs in Canada: a cross-sectional survey. *CMAJ Open*. 2018;6(1):e63-e70.

Liu J, Wong S, Foster G, Holbrook A. Prescribing Competency of Medical Students: National Survey of Medical Education Leaders. *Journal of Population Therapeutics and Clinical Pharmacology*. 2018;25(1):e18-e24.

Lee M, Wang M, Liu J, Holbrook A. Do telehealth interventions improve oral anticoagulation management? A systematic review and meta-analysis. *J Thromb Thrombolysis*. 2018;45(3):325-36.

### HUNT, R.

Hunt RH, Scarpignato C. Potent Acid Suppression with PPIs and P-CABs: What's New? Current Treatment Options in Gastroenterology. 2018;16(4):570-90.

Inadomi J, Alastal H, Bonavina L, Gross S, Hunt RH, Mashimo H, di Pietro M, Rhee H, Shah M, Tolone S, Wang DH, Xie SH. Recent advances in Barrett's esophagus. *Annals of the New York Academy of Sciences*. 2018;1434(1):227-38.

Lanas A, Dumonceau JM, Hunt RH, Fujishiro M, Scheiman J, Gralnek IM, Campbell H, Rostom A, Villanueva C, Sung J. Non-variceal upper gastrointestinal bleeding. *Nature Reviews Disease Primers*. 2018 Apr 19;4:18020.

Scally B, Emberson J, Spata E, Reith C, Davies K, Halls H, Holland L, Wilson K, Bhala N, Hawkey C, Hochberg M, Hunt R, Laine L, Lanasa A, Patrono C, Baigent C. Effects of gastroprotectant drugs for the prevention and treatment of peptic ulcer disease and its complications: meta-analysis of randomized trials. *Lancet Gastroenterology & Hepatology*. 2018;3:231-41.

Dhaliwal SK, Hunt RH, Armstrong D. Communicating Gastrointestinal Symptoms: The Patient's Challenge. *Crit Rev Biomed Eng*. 2018;46(1):83-92.

Bastaki SMA, Padol IT, Amir N, Hunt RH. Aspirin in and ibuprofen either alone or in combination on gastric mucosa and bleeding time and on serum prostaglandin E2 and thromboxane A2 levels in the anaesthetized rats in vivo. *Molecular and Cellular Biochemistry*. 2018 Jan;438(1-2):25-34.

Hunt RH, Lazebnik LB, Marakhouski YC, Manuc M, Ramesh GN, Aye KS, Bordin DS, Bakulina NV, Isakov BS, Khamraev AA, Stepanov YM, Ally R, Garg A. International Consensus on Guiding Recommendations for Management of Patients with Nonsteroidal Anti-inflammatory Drug Induced Gastropathy-ICON-G. *Euroasian J Hepatogastroenterol*. 2018;8(2):148-60.

### HYNES, A.

Hynes AP, Rousseau GM, Agudelo D, Goulet A, Amigues B, Loehr J, Romero DA, Fremaux C, Horvath P, Doyon Y, Cambillau C & Moineau S. 2018. Widespread anti-CRISPR proteins in virulent bacteriophages inhibit a range of Cas9 proteins. *Nature Communications*. 2018 Jul;9:2919.

### KEARON, C.

Duceppe E, Yusuf S, Tandon V, Rodseth R, Biccarrd BM, Xavier D, Szczeklik W, Meyhoff CS, Franzosi MG, Vincent J, Srinathan SK, Parlow J, Magloire P, Neary J, Rao M, Chaudhry NK, Mayosi B, de Nadal M, Popova E, Villar JC, Botto F, Berwanger O, Guyatt G, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Connolly SJ, Sharma

M, Bangdiwala SI, Devereaux PJ. Design of a Randomized Placebo-Controlled Trial to Assess Dabigatran and Omeprazole in Patients with Myocardial Injury after Noncardiac Surgery (MANAGE). *Can J Cardiol*. 2018 Mar;34(3):295-302.

Takach Lapner S, Stevens SM, Woller SC, Snow G, Kearon C. Age-adjusted versus clinical probability-adjusted D-dimer to exclude pulmonary embolism. *Thromb Res*. 2018 May 5;167:15-9.

Kearon C, Parpia S, Spencer FA, Baglin T, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid antibodies and recurrent thrombosis after a first unprovoked venous thromboembolism. *Blood*. 2018 May 10;131(19):2151-60.

Vedanham S, Goldhaber SZ, Kearon C. Pharmacomechanical Therapy for Deep-Vein Thrombosis. *N Engl J Med*. 2018 May 3;378(18):1752-3.

Ikesaka R, Langlois N, Carrier M, Kearon C, Le Gal G. Pilot trials in thrombosis: Purpose and pitfalls. *Res Pract Thromb Haemost*. 2018 Jun 13;2(3):572-9.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccarrd BM, Xavier D, Szczeklik W, Meyhoff CS, Vincent J, Franzosi MG, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoeff A, Yusuf S; MANAGE Investigators. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomized, placebo-controlled trial. *Lancet*. 2018 Jun 9;391(10137):2325-34.

Sharif S, Eventov M, Kearon C, Parpia S, Li M, Jiang R, Sneath P, Fuentes CO, Marriotti C, de Wit K. Comparison of the age-adjusted and clinical probability-adjusted D-dimer to exclude pulmonary embolism in the emergency department. *Am J Emerg Med*. 2018 Jul 30. pii: S0735-6757(18)30633-8.

Takach Lapner S, Julian JA, Linkins LA, Bates SM, Kearon C. Questioning the use of an age-adjusted D-dimer threshold to exclude venous thromboembolism: reply. *J Thromb Haemost*. 2018 Jul;16(7):1448-50.

Takach Lapner S, Stevens SM, Woller SC, Snow G, Kearon C. Age-adjusted versus clinical probability-adjusted D-dimer to exclude pulmonary embolism. *Thromb. Res*. 2018;116:15-9.

### Book Chapter

Sista A, Kearon C. Catheter-Directed Therapy for Severe Pulmonary Embolism. In: *Color Atlas and Synopsis of Interventional Cardiology*. (Baliga R, Lilly S, Eds.). McGraw Hill Education, Part 3, Chapter 29, 2018.

### KELTON, J.

Warkentin TE, Arnold DM, Kelton JG, Sheppard JI, Smith JW, Nazy I. Platelet-Activating Antibodies Are Detectable at the Earliest Onset of Heparin-Induced Thrombocytopenia, With Implications for the Operating Characteristics of the Serotonin-Release Assay. *Chest*. 2018 Jun;153(6):1396-404.

Nazy I, Kelton JG, Moore J, Clare R, Horsewood P, Smith J, Ivetic N, D'Souza V, Li N, Arnold D. Autoantibodies to thrombopoietin and the thrombopoietin receptor in patients with immune thrombocytopenia. *Br J Haematol*. 2018;181:234-41.

Nazy I, Clare R, Staibano P, Warkentin TE, Larché M, Moore JC, Smith JW, Whitlock RP, Kelton JG, Arnold DM. Cellular immune responses to platelet factor 4 and heparin complexes in patients with heparin-induced thrombocytopenia. *J Thromb Haemost*. 2018 Jul;16(7):1402-12.

Vrbensky JR, Nazy I, Tolt LJ, Ross C, Ivetic N, Smith JW, Kelton JG, Arnold DM. Megakaryocytes apoptosis in immune thrombocytopenia.



Platelets. 2018 Nov;29(7):729-32.

Nazy I, Clare R, Staibano P, Warkentin TE, Larché M, Moore JC, Smith JW, Whitlock RP, Kelton JG, Arnold DM. Cellular immune responses to platelet factor 4 and heparin complexes in patients with heparin-induced thrombocytopenia. *J Thromb Haemost*. 2018 16:1402–12.

## KHAN, A.

Cosman F, Crittenden DB, Ferrari S, Khan A, Lane NE, Lippuner K, Matsumoto T, Milmont CE, Libanati C, Grauer A. FRAME Study: The Foundation Effect of Building Bone With 1 Year of Romosozumab Leads to Continued Lower Fracture Risk After Transition to Denosumab *J Bone Miner Res*. 2018 Jul;33(7):1219-26.

Giangregorio LM, Gibbs JC, Templeton JA, Adachi JD, Ashe MC, Bleakney RR, Cheung AM, Hill KD, Kendler DL, Khan AA, Kim S, McArthur C, Mittmann N, Papaioannou A, Prasad S, Scherer SC, Thabane L, Wark JD. Build better bones with exercise (B3E pilot trial): results of a feasibility study of a multicenter randomized controlled trial of 12 months of home exercise in older women with vertebral fracture. *Osteoporos Int*. 2018 Nov;29(11):2545-56.

Khan AA, Clarke B, Rejnmark L, Brandi ML. MANAGEMENT OF ENDOCRINE DISEASE: Hypoparathyroidism in Pregnancy: Review and Evidence Based Recommendations for Management. *Eur J Endocrinol*. 2019 Feb 1;180(2):R37-R44. Review. Epub 2018 Nov. 1.

## Book Chapter

Siraj N, Hakami Y, Khan A. Medical Hypoparathyroidism. In: *Hypoparathyroidism, An Issue of Endocrinology and Metabolism Clinics of North America*, Volume 47 (first edition). (Levine M, Editor). Elsevier, Volume 47-4, 2018.

## KIM, P.

Henderson SJ, Weitz JI, Kim PY. Fibrinolysis: strategies to enhance treatment of ischemic stroke. *J Thromb Haemost*. 2018 Oct;16(10):1932-40.

Kim PY, Yeh CH, Dale BJ, Leslie, BA, Stafford AR, Fredenburgh JC, Hirsh J, Weitz JI. Mechanistic basis for the differential effects of rivaroxaban and apixaban on global tests of coagulation. *Thromb Haemost Open*. 2018 May 29;2(2):e190-e201.

## KOLB, M.

Kolb M, Bondue B, Pesci A, Miyazaki Y, Song JW, Bhatt NY, Huggins JT, Oldham JM, Padilla ML, Roman J, Shapera S. Acute exacerbations of progressive-fibrosing interstitial lung diseases. *Eur Respir Rev*. 2018 Dec 21;27(150).

Kolb M, Raghu G, Wells AU, Behr J, Richeldi L, Schinzel B, Quaresma M, Stowasser S, Martinez FJ; INSTAGE Investigators. Nintedanib plus Sildenafil in Patients with Idiopathic Pulmonary Fibrosis. *N Engl J Med*. 2018 Nov 1;379(18):1722-31.

Walsh SLF, Kolb M. Radiological diagnosis of interstitial lung disease: is it all about pattern recognition? *Eur Respir J*. 2018 Aug 16;52(2).

Bellaye PS, Yanagihara T, Granton E, Sato S, Shimbori C, Upagupta C, Imani J, Hambly N, Ask K, Gauldie J, Iglarz M, Kolb M. Macitentan reduces progression of TGF- $\beta$ 1-induced pulmonary fibrosis and pulmonary hypertension. *Eur Respir J*. 2018 Aug 30;52(2).

Jones MG, Andriotis OG, Roberts JJ, Lunn K, Tear VJ, Cao L, Ask K, Smart DE, Bonfanti A, Johnson P, Alzetani A, Conforti F, Doherty R, Lai CY, Johnson B, Bourdakos KN, Fletcher SV, Marshall BG, Jogai S, Brereton CJ, Chee SJ, Ottensmeier CH, Sime P, Gauldie J, Kolb M, Mahajan S, Fabre A, Bhaskar A, Jarolimek W, Richeldi L, O'Reilly KM, Monk PD, Thurner PJ, Davies DE. Nanoscale dysregulation of collagen structure-function disrupts mechano-homeostasis and mediates pulmonary fibrosis. *Elife*. 2018 Jul 3;7.

Upagupta C, Shimbori C, Alsilmi R, Kolb M. Matrix abnormalities in pulmonary fibrosis. *Eur Respir Rev*. 2018 Jun 27;27(148).

Flaherty KR, Kolb M, Vancheri C, Tang W, Conoscenti CS, Richeldi L. Stability or improvement in forced vital capacity with nintedanib in patients with IPF. *Eur Respir J*. 2018 Aug 2;52(2).

Wells AU, Brown KK, Flaherty KR, Kolb M, Thannickal VJ; IPF Consensus Working Group. What's in a name? That which we call IPF, by any other name would act the same. *Eur Respir J*. 2018 May 17;51(5).

Bonnaud P, Fabre A, Frossard N, Guignabert C, Inman M, Kuebler WM, Maes T, Shi W, Stampfli M, Uhlig S, White E, Witzenrath M, Bellaye PS, Crestani B, Eickelberg O, Fehrenbach H, Guenther A, Jenkins G, Joos G, Magnan A, Maitre B, Maus UA, Reinhold P, Vernooy JHJ, Richeldi L, Kolb M. Optimising experimental research in respiratory diseases: an ERS statement. *Eur Respir J*. 2018 May 17;51(5).

Jiang L, Liu J, Gonzalez-Rivas D, Shargall Y, Kolb M, Shao W, Dong Q, Liang L, He J. Thoracoscopic surgery for tracheal and carinal resection and reconstruction under spontaneous ventilation. *J Thorac Cardiovasc Surg*. 2018 Jun;155(6):2746-54.

Besnard V, Dagher R, Madjer T, Joannes A, Jaillet M, Kolb M, Bonnaud P, Murray LA, Sleeman MA, Crestani B. Identification of periplakin as a major regulator of lung injury and repair in mice. *JCI Insight*. 2018 Mar 8;3(5).

Kreuter M, Ochmann U, Koschel D, Behr J, Bonella F, Claussen M, Costabel U, Jungmann S, Kolb M, Nowak D, Petermann F, Pfeiffer M, Polke M, Prasse A, Schreiber J, Wälscher J, Wirtz H, Kirsten D. DGP Interstitial Lung Disease Patient Questionnaire. *Pneumologie*. 2018 Jun;72(6):446-57.

Tarride JE, Hopkins RB, Burke N, Guertin JR, O'Reilly D, Fell CD, Dion G, Kolb M. Clinical and Economic Burden of Idiopathic Pulmonary Fibrosis in Quebec, Canada. *Clinicoecon Outcomes Res*. 2018 Feb 22;10:127-37.

Kreuter M, Costabel U, Richeldi L, Cottin V, Wijsenbeek M, Bonella F, Bendstrup E, Maher T, Wachtlin D, Stowasser S, Kolb M. Statin Therapy and Outcomes in Trials of Nintedanib in Idiopathic Pulmonary Fibrosis. *Respiration*. 2018;95(5):317-26.

Bellaye P-S, Shimbori C, Yanagihara T, Carlson DA, Hughes P, Upagupta C, Sato S, Wheildon N, Haystead T, Ask K, Kolb M. Synergistic role of HSP90a and HSP90 $\beta$  to promote myofibroblast persistence in lung fibrosis. *Eur Respir J*. 2018 Jan 31;51(2).

Bellaye PS, Shimbori C, Upagupta C, Sato S, Shi W, Gauldie J, Ask K, Kolb M. Lysyl Oxidase-like 1 Protein Deficiency Protects Mice from AdTGF- $\beta$ 1 Induced Pulmonary Fibrosis. *Am J Respir Cell Mol Biol*. 2018 Apr;58(4):461-70.

Singpiel A, Kramer J, Maus R, Stolper J, Friederike Bittersohl L, Gauldie J, Kolb M, Welte T, Sparwasser T, Maus UA. Adenoviral vector-mediated GM-CSF gene transfer 1 improves anti2 mycobacterial immunity in mice - role of regulatory T cells. *Immunobiology*. 2018 Mar;223(3):331-41.

## KREPINSKY, J.

Li R, Wang T, Walia K, Gao B, Krepinsky JC. ADAM17 activation and regulation of profibrotic responses by high glucose requires its C-terminus and FAK kinase. *J Cell Sci*. 2018;131(4):1-12.

Van Krieken R, Marway M, Parthasarathy P, Mehta N, Ingram AJ, Gao B, Krepinsky JC. Inhibition of SREBP with fatostatin does not attenuate diabetic nephropathy in male mice. *Endocrinology*. 2018;159(3):1479-95.

Crane ED, Al-Hashimi AA, Chen J, Lynn EG, Won KD, Lhotak S, Naiem M, Platko K, Lebeau P, Byun J, Shayegan S, Krepinsky JC, Rayner KJ, Marchio S, Pasqualini R, Arap W, Austin RC. Activation of cell-surface GRP78 by anti-GRP78 autoantibodies induces endothelial cell activation and accelerates the development of atherosclerotic lesions. *JCI*

## PUBLICATIONS

Insight. 2018;3(24):e99363.

### LANKTREE, M.

Lanktree MB, Haghighi A, Guiard E, Illiuta IA, Song X, Harris PC, Paterson AD, Pei Y. Prevalence Estimates of Polycystic Kidney and Liver Disease by Population Sequencing. *Journal of the American Society of Nephrology* 2018;29:10:2593-600.

Kalatharan V, Lemaire M, Lanktree MB. Opportunities and Challenges for Genetic Studies of End-Stage Renal Disease in Canada. *Canadian Journal of Kidney Health & Disease*. 2018 Jul 22;5:2054358118789368.

Lanktree MB, Thériault, S, Walsh M, Paré G. HDL cholesterol, LDL cholesterol and Triglycerides as Risk Factors for Chronic Kidney Disease: a Mendelian Randomization Study. *American Journal of Kidney Disease*. 2018;71:2:166-72.

Cyrus C, Al-Mueilo S, Vatte C, Chathoth S, Li YR, Qutub H, Al Ali R, Al-Muhanna F, Lanktree MB, Alkharasah KR, et al. Assessing known chronic kidney disease associated genetic variants in Saudi Arabia Populations. *BMC Nephrology*. 2018 Apr 17;19(1):88.

### LEGAULT, K.

Legault K, Schunemann H, Hillis C, Yeung C, Akl E, Carrier M, Cervera R, Crowther M, Dentali F, Erkan D, Espinosa G, Khamashta M, Meerpohl J, Moffat K, O'Brien S, Pengo V, Rand J, Pinto I, Thom L, Iorio A. McMaster RARE-Bestpractices clinical practice guideline on the diagnosis and management of catastrophic antiphospholipid syndrome. *Journal of Thrombosis and Haemostasis*. 2018;16(8):1656-64.

Keeling S, Alabdurbalnabi Z, Avina-Zubieta A, Barr S, Bergeron L, Bernatsky S, Bourre-Tessier J, Clarke A, Baril-Dionne A, Dutz J, Ensworth S, Fifi-Mah A, Fortin PR, Gladman D, Haaland D, Hanly JG, Hiraki LT, Hussein S, Legault K, Levy D, Lim L, Matsos M, McDonald EG, Medina-Rosas J, Pardo Pardi J, Peschken C, Pineau C, Pope J, Rader T, Reynolds J, Silverman E, Tselios K, Suitner M, Urowitz M, Touma Z, Vinet E, Santesson N. Canadian Rheumatology Association (CRA) Recommendations for the Assessment and Monitoring of Systemic Lupus Erythematosus in Canada. *J Rheumatol*. 2018 Oct;45(10):1426-39.

### LEVINE, M.

Foroutan N, Tarride J-E, Xie F, Levine M. A methodological review of national and transnational pharmaceutical budget impact analysis guidelines for new drug submissions. *ClinicoEconomics and Outcomes Research*. 2018;10:821-54.

Foroutan N, Levine M, Tarride J-E, Xie F. PP51 Updating Canadian Pharmaceutical Budget Impact Analysis Guidelines. *International Journal of Technology Assessment in Health Care*. 2018;34(S1):86.

Jin Y, Sanger N, Shams I, Luo C, Shahid H, Li G, Bhatt M, Zielinski L, Bantoto B, Wang M, Abbade L, Nwosu I, Leenus I, Mbuagbaw L, Maaz M, Chang Y, Sun G, Levine MAH, Adachi JD, Thabane L, Samaan Z. Does the medical literature remain inadequately described despite having reporting guidelines for 21 years? – A systematic review of reviews: an update. *Journal of Multidisciplinary Healthcare*. 2018;11:495–510.

Li G, Kamel M, Jin Y, Xu MK, Mbuagbaw L, Samaan Z, Levine MAH, Thabane L. Exploring the characteristics, global distribution and reasons for retraction of published articles involving human research participants: a literature survey. *Journal of Multidisciplinary Healthcare*. 2018;11:39–47.

Li G, Yanling Jin Y, Mbuagbaw L, Dolovich L, Adachi JD, Levine MAH, Cook D, Samaan Z, Thabane L. Enhancing research publications and advancing scientific writing in health research collaborations: sharing lessons learnt from the trenches. *Journal of Multidisciplinary Healthcare* 2018;11:245–54.

Tsoi B, Akioyamen LE, Bonner A, Frankfurter C, Levine

M, Pullenayegum E, Goeree R, O'Reilly D. Comparative Efficacy of Angiotensin II Antagonists in Essential Hypertension: Systematic Review and Network Meta-Analysis of Randomised Controlled Trials. *Heart, Lung and Circulation*. 2018 June;27(6):666-82.

Jin X, Liu GG, Gerstein HC, Levine MAH, Guan H, Li H, Xie F. Minimally important difference and predictors of change in quality of life as measured using the EQ-5D among Chinese Type 2 Diabetic Patients: A community-based survey in China. *Diabetes/Metabolism Research and Reviews*. 2018 Nov;34(8):e3053.

Jin X, Liu GG, Gerstein HC, Levine MAH, Steeves K, Guan H, Li H, Xie F. Item reduction and validation of the Chinese version of diabetes quality-of-life measure (DQOL). *Health Qual Life Outcomes*. 2018 Apr 27;16(1):78.

Li G, Abbade L, Nwosu I, Jin Y, Leenus A, Maaz M, Wang M, Bhatt M, Zielinski L, Sanger N, Bantoto B, Luo C, Shams I, Shahid H, Chang Y, Sun G, Mbuagbaw L, Samaan Z, Levine M, Adachi J, Thabane L. A systematic review of comparisons between protocols or registrations and full reports in primary biomedical research. *BMC Medical Research Methodology*. 2018 Jan 11;18(1):9.

### LIAW, P.

Mai SHC, Sharma N, BSc; Kwong AC, Dwivedi DJ, Khan M, Grin PM, Fox-Robichaud AE, Liaw PC. Body temperature and mouse scoring systems as surrogate markers of death in cecal ligation and puncture sepsis. *Intensive Care Med Exp*. 2018 Jul 27;6(1):20.

Grin PM, Dwivedi DJ, Chathely KM, Trigatti BL, Prat A, Seidah NG, Liaw PC, Fox-Robichaud AE. Low-density lipoprotein (LDL)-dependent uptake of Gram-positive lipoteichoic acid and Gram-negative lipopolysaccharide occurs through LDL receptor. *Science Reports*. 2018 Jul 12;8(1):10496.

Wu J, Han B, Fanelli V, Wen X, Huang Y, Luo A, Ghazarian M, Wang D, Khang J, Morriello F, Liaw PC, Marshall J, Zhong N, Guan X, Slutsky AS, Li Y, Zhang H. Distinctive Roles and Mechanisms of Human Neutrophil Peptides in Experimental Sepsis and Acute Respiratory Distress Syndrome. *Crit Care Med*. 2018 Sep;46(9):e921-e927.

Kearon C, Parpia S, Spencer FA, Baglin T, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid antibodies and recurrent thrombosis after a first unprovoked venous thromboembolism. *Blood*. 2018 May 10;131(19):2151-60.

### LINKINS, L.

Cuker A, Arepally GM, Chong BH, Cines DB, Greinacher A, Gruel Y, Linkins LA, Rodner SB, Selleng S, Warkentin TE, Wex A, Mustafa RA, Morgan RL, Santesso N. American Society of Hematology 2018 guidelines for management of venous thromboembolism: heparin-induced thrombocytopenia. *Blood Adv*. 2018;2:3360-92.

Linkins LA, Hu G, Warkentin TE. Systematic review of fondaparinux for heparin-induced thrombocytopenia: When there are no randomized controlled trials. *Res Pract Thromb Haemost*. 2018;2:678-83.

Warkentin TE, Sheppard JI, Linkins LA, Arnold DM, Nazy I. High sensitivity and specificity of an automated IgG-specific chemiluminescence immunoassay for diagnosis of HIT. *Blood*. 2018;132:1345-9.

Serrano PE, Parpia S, Linkins LA, Elit L, Simunovic M, Ruo L, Bhandari M, Levine M. Venous Thromboembolic Events Following Major Pelvic and Abdominal Surgeries for Cancer: A Prospective Cohort Study. *Ann Surg Oncol*. 2018;25:3214-21.

Takach Lapner S, Julian JA, Linkins LA, Bates SM, Kearon C. Questioning the use of an age-adjusted D-dimer threshold to exclude venous thromboembolism: reply. *J Thromb Haemost*. 2018;16:1448-50.

ALKindi SY, Chai-Adisaksopha C, Cheah M, Linkins LA. Management

of cancer-associated upper extremity deep vein thrombosis with and without venous catheters at a tertiary care center. *Thromb Res.* 2018;166:92-5.

## MARCUCCI, M.

Germini F, Veronese G, Marcucci M, Coen D, Ardemagni D, Montano N, Fabbri A; SIMEU Study Group. Validation of the BAP-65 score for prediction of in-hospital death or use of mechanical ventilation in patients presenting to the emergency department with an acute exacerbation of COPD: a retrospective multi-center study from the Italian Society of Emergency Medicine (SIMEU). *Eur J Intern Med.* 2018 Oct 31.

Damanti S, Azzolino D, Riva S, Cano A, Marcucci M; FOCUS Project collaborators. PoliFIT-INFOfocus: A pilot study exploring how to promote physical activity in older people. *Eur J Intern Med.* 2018 Nov;57:e41-e42.

Langer T, Santini A, Zadek F, Chiodi M, Pugni P, Cordolcini V, Bonanomi B, Rosini F, Marcucci M, Valenza F, Marengi C, Inglese S, Pesenti A, Gattinoni L. Intraoperative hypotension is not associated with post-operative cognitive dysfunction in elderly patients undergoing general anesthesia for surgery: results of a randomized controlled pilot trial. *J Clin Anesth.* 2019 Feb;52:111-8. Epub 2018 Sep 20.

Bernardelli G, Roncaglione C, Damanti S, Mari D, Cesari M, Marcucci M. Adapted physical activity to promote active and healthy ageing: the PoliFIT pilot randomized waiting list-controlled trial. *Aging Clin Exp Res.* 2018 Jul 17.

McGillion M, Duceppe E, Allan K, Marcucci M, (...) and PJ Devereaux, on behalf of the PROTECT Network Investigators. Remote Automated Postoperative Monitoring: Need for and State of the Science. *Can J Cardiol.* 2018 Jul;34(7):850-62.

Gwyther H, Bobrowicz-Campos E, Apostolo J, Marcucci M, Cano A, Holland C. A Realist Review to Understand the Efficacy and Outcomes of Interventions Designed to Minimise, Reverse or Prevent the Progression of Frailty. *Health Psychol Rev.* 2018 Dec;12(4):382-404.

Paciullo F, Proietti M, Bianconi V, Nobili A, Pirro M, Mannucci PM, Lip GYH, Lupattelli G; REPOSI Investigators. Choice and Outcomes of Rate Control versus Rhythm Control in Elderly Patients with Atrial Fibrillation: A Report from the REPOSI Study. *Drugs Aging.* 2018 Apr;35(4):365-73.

Franchi C, Antoniazzi S, Proietti M, Nobili A, Mannucci PM; SIM-AF Collaborators. Appropriateness of oral anticoagulant therapy prescription and its associated factors in hospitalized older people with atrial fibrillation. *Br J Clin Pharmacol.* 2018 Sep;84(9):2010-9.

Germini F, Veronese G, Marcucci M, Coen D, Ardemagni D, Montano N, Fabbri A; SIMEU Study Group. COPD exacerbations in the emergency department: Epidemiology and related costs. A retrospective cohort multicentre study from the Italian Society of Emergency Medicine (SIMEU). *Eur J Intern Med.* Epub 2018 Jan 20.

Gwyther H, Shaw R, Jaime-Dauden EA, D'Avanzo B, Kurpas D, Buknowska-Fedak M, Kujawa T, Marcucci M, Cano A, Holland C. Understanding frailty: a qualitative study of European healthcare policy makers' approaches to frailty screening and management. *BMJ Open.* 2018 Jan 13;8(1):e018653.

Apóstolo J, Cooke R, Bobrowicz-Campos E, Santana S, Marcucci M, Cano A, Vollenbroek-Hutten M, Germini F, D'Avanzo B, Gwyther H, Holland C. Effectiveness of interventions to prevent pre-frailty and frailty progression in older adults: a systematic review. *JBHI Database System Rev Implement Rep.* 2018 Jan;16(1):140-232.

Pazan F, Weiss C, Wehling M; FORTA. The EURO-FORTA (Fit for The Aged) List: International Consensus Validation of a Clinical Tool for Improved Drug Treatment in Older People. *Drugs Aging.* 2018 Jan;35(1):61-71. Correction in *Drugs Aging.* 2018 Jul;35(7):677.

## MARGETTS, P.

Padwal M, Cheng G, Liu L, Boivin F, Gangji AS, Brimble KS, Bridgewater D, Margetts PJ. WNT signaling is required for peritoneal membrane angiogenesis. *Am J Physiol Renal Physiol.* 2018 Jun 1;314(6):F1036-F1045.

## MARSHALL, J.

Cho R, Wickert NM, Klassen AF, Tsangaris E, Marshall JK, Brill H. Identifying needs in young adults with inflammatory bowel disease: a qualitative study. *Gastroenterology Nursing.* 2018;41:19-28.

Marshall JK, Bessette L, Thorne C, Shear NH, Lebovic G, Gerega SK, Millson B, Oraichi D, Gaetano T, Gazel S, Latour MG, Laliberte MC. Impact of the adalimumab patient support program's care coach calls on persistence and adherence in Canada: an observational retrospective cohort study. *Clin Ther.* 2018;40:415-29.

Marshall JK, Bessette L, Shear NH, Lebovic G, Glass J, Millson B, Gaetano T, Gazel S, Latour MG, Laliberte MC, Thorne JC. Canada's study of adherence outcomes in patients receiving adalimumab: 3-year results from the COMPANION study. *Clin Ther.* 2018;40:1024-32.

Card T, Enck P, Boeckstaens G, Barbara G, Santos J, Aspiroz F, Mearin F, Aziz Q, Marshall J, Spiller R. Post-infectious IBS: defining its clinical features and prognosis using an internet-based survey. *United Eur Gastroenterol J.* 2018;6:1245-53.

Baer P, Aumais G, Ewara EM, Khraishi M, Marrache AM, Panaccione R, Wade J, Marshall JK. Patterns and predictors of long-term retention of inflammatory bowel or rheumatoid disease patients on innovator infliximab: an analysis of a Canadian prescriptions claims database. *Patient Pref Adherence.* 2018;12:1805-14.

Steinhart AH, Panaccione R, Targownik L, Bressler B, Khanna R, Marshall JK, Afif W, Bernstein CN, Bitton A, Borgiaonkar M, Chauhan U, Halloran B, Jones J, Kennedy E, Leontiadiis GI, Loftus EV, Meddings J, Moayyedi P, Murthy S, Plamandon S, Rosenfeld G, Schwartz D, Seow CH, Williams C. Clinical practice guideline for the management of perianal fistulizing Crohn's disease: the Toronto consensus. *J Can Assoc Gastroenterol.* 2018;1:141-54.

Leddin D, Lieberman DA, Leontiadiis GI, Tse F, Barkun AN, Abou-Setta AM, Marshall JK, Samadder NJ, Singh H, Telford JJ, Timmouth J, Wilkinson AN. Clinical practice guideline on screening for colorectal cancer in individuals with a family history of nonhereditary colorectal cancer or adenoma: the Canadian Association of Gastroenterology Banff Consensus. *Gastroenterology.* 2018;155:1325-47.

Ng Y, Chauhan U, Armstrong D, Marshall J, Tse F, Moayyedi P, Reinisch W, Halder S. A comparison of anxiety and depression between uncomplicated and complex IBD patient groups. *Gastroenterology Nursing.* 2018;41:427-35.

Narula N, Millson B, Charland K, Donepudi K, Gaetano T, McHugh K, Latour MG, Gazel S, Laliberte MC, Marshall JK. Impact of adalimumab patient support program's care coach calls on clinical outcomes in patients with Crohn's disease in Canada: an observational retrospective cohort study. *J Can Assoc Gastroenterol.* 2018;1:191-8.

Sham HP, Bazett M, Bosiljic M, Yang H, Luk B, Law HT, Morampudi V, Yu HB, Pankovich J, Sutcliffe S, Bressler B, Marshall JK, Fedorak RN, Chen J, Jones M, Gunn H, Kaylan S, Vallance BA. Immune stimulation using a gut microbe-based immunotherapy reduces disease pathology and improves barrier function in ulcerative colitis. *Front Immunol.* 2018;9:2211.

Marshall JK. *Journal of the Canadian Association of Gastroenterology.* *J Can Assoc Gastroenterol.* 2018;1:1.

Marshall JK. ACP Journal Club. In Barrett's esophagus, high- vs. low-dose esomeprazole improved clinical outcomes; aspirin vs. no aspirin did not. *Ann Intern Med.* 2018;169:JC54.



## PUBLICATIONS

### **MENON, S.**

Oh J, Gagné-Brosseau MS, Guenette M, Larochelle C, Lemieux F, Menon S, Morrow SA, Poliquin-Lasnier L, Roy-Hewitson C, Rush C, Trudelle AM, Giacomini PS. Toward a Shared-Care Model of Relapsing-Remitting Multiple Sclerosis: Role of the Primary Care Practitioner. *Can J Neurol Sci.* 2018 May;45(3):304-12.

Mulvaney CA, Duarte GS, Menon S, Handley J, Emsley H. GLP-1 receptor agonists for Parkinson's disease (Protocol). *Cochrane Database of Systematic Reviews.* 2018 Mar 29;2018(3):1-14.

Lu JQ, Menon S, Fong C, Lach B, Power C. Tumor-to-Lesion Metastasis: Case Report of Carcinoma Metastasis to Multiple Sclerosis Lesion. *World Neurosurg.* 2018 Aug;116:14-7.

### **MERCURI, M.**

Chan TM, Mercuri M, Van Dewark K, Sherbino J, Schwartz A, Norman G, Lineberry M. Managing Multiplicity: Conceptualizing physician cognition in multi-patient environments. *Academic Medicine.* 2018;93(5):786-93.

Mercuri M, Gafni A. The evolution of GRADE (Part 1): Is there a theoretical and/or empirical basis for the GRADE framework? *Journal of Evaluation in Clinical Practice* 2018;24(5):1203-10.

Mercuri M, Gafni A. The evolution of GRADE (Part 2): Still searching for a theoretical and/or empirical basis for the GRADE framework. *Journal of Evaluation in Clinical Practice.* 2018;24(5):1211-22.

Mercuri M, Gafni, A. The evolution of GRADE (Part 3): A framework built on science or faith? *Journal of Evaluation in Clinical Practice* 2018;24(5):1223-31.

Mercuri M, Baigrie B, Upshur REG. Going from Evidence to Recommendations: Can GRADE get us there? *Journal of Evaluation in Clinical Practice.* 2018;24(5):1232-9.

Mercuri M, Baigrie BS. What confidence should we have in GRADE? *Journal of Evaluation in Clinical Practice.* 2018;24(5):1240-6.

Mercuri M. How do we know if a clinical practice guideline is good? A response to Djulbegovic and colleagues' use of Fast-and-Frugal Decisions Trees to improve clinical care strategies. *Journal of Evaluation in Clinical Practice.* 2018;24(5):1255-8.

Salehi L, Phalpher P, Valani R, Meaney C, Amin Q, Ferarri K, Mercuri M. Emergency Department Boarding: A Descriptive Analysis and Measurement of Outcomes. *Canadian Journal of Emergency Medicine.* 2018;20(6):929-37.

Mercuri M, Gafni A. Reflecting on Evidence Based Medicine, Person Centered Medicine, and Small Area Variations: How Contemporary Frameworks for Medicine address (or not) the Needs of the Individual Patient. *European Journal for Person Centered Healthcare.* 2018;6(3):454-61.

Chan T, Mercuri M, Van Dewark K, Sherbino J, Schwartz A, Norman G, Lineberry M. Managing Multiplicity: Conceptualizing physician cognition in multi-patient environments. *Academic Medicine.* 2018;93(5):786-93.

Mercuri M, Connolly K, Natarajan MK, Welsford M, Schwalm JD. Barriers to the use of Emergency Medical Services for ST-Elevation Myocardial Infarction: Determining why many patients opt for self-transport. *Journal of Evaluation in Clinical Practice.* 2018;24(2):375-9.

Mercuri M, Gafni A. Examining the role of the physician as a source of variation: Are physician related variations necessarily unwarranted? *Journal of Evaluation in Clinical Practice.* 2018;24(1):145-51.

Al-Mallah MH, Pascual TNB, Mercuri M, Vitola JV, Karthikeyan G, Better N, Dondi M, Paez D, Einstein AJ. Impact of Age on the Selection of Nuclear Cardiology Stress Protocols: The INCAPS (IAEA Nuclear Cardiology Protocols) Study. *International Journal of Cardiology.*

2018;259:222-6.

Loughlin M, Mercuri M, Parvan A, Copeland S, Tonelli M, Beutow S. Treating real people: science and humanity. *Journal of Evaluation in Clinical Practice.* 2018;24(5):919-29.

### **MERTZ, D.**

Johnstone J, Chen C, Rosella L, Adomako K, Policarpio M, Lam F, Prematunge C, Garber G, on behalf of the Ontario VRE Investigators. Patient- and hospital-level predictors of vancomycin-resistant *Enterococcus* (VRE) bacteremia in Ontario, Canada. *Am J Infect Control.* 2018;46(11):1266-71.

Mbuagbaw L, Mertz D, Lawson D, Smieja M, Benoit A, Alvarez E, Puchalski RL, Rachlis B, Logie C, Husbands W, Margolese S, Thabane L. Strategies to improve adherence to antiretroviral therapy and retention in care for people living with HIV in high-income countries: a protocol for an overview of systematic reviews. *BMJ Open.* 2018 Sep 11;8(9):e022982.

Bartoszko JJ, Mertz D, Thabane L, Loeb M. Antibiotic therapy for skin and soft tissue infections: a protocol for a systematic review and network meta-analysis. *Syst Rev.* 2018 Sep 11;7(1):138.

Goldenberg JZ, Mertz, D, Johnston BC. Probiotics to Prevent *Clostridium difficile* Infection in Patients Receiving Antibiotics (JAMA Clinical Evidence Synopsis). *JAMA.* 2018;320(5):499-500.

Johnston BC, Lytvyn L, Lo CK, Allen SJ, Wang D, Szajewska H, Miller M, Ehrhardt S, Sampalis J, Duman DG, Pozzoni P, Colli A, Lönnemark E, Selinger CP, Wong S, Plummer S, Hickson M, Pancheva R, Hirsch S, Klarin B, Goldenberg JZ, Wang L, Mbuagbau L, Foster G, Maw A, Sadeghirad B, Thabane L, Mertz D. Microbial Preparations (Probiotics) for the Prevention of *Clostridium difficile* Infection in Adults and Children: An Individual Patient Data Meta-analysis of 6,851 Participants. *Infect Control Hosp Epidemiol.* 2018;39(7):771-81.

Palacios AR, AlDufairi FAL, Ellis C, Smyth D, Did Mieusement LM, McGeer A, Mertz D. Resistance Patterns of Enterobacteriaceae in Urines are Similar in Symptomatic and Asymptomatic Patients *Journal of Hospital Infection.* *J Hosp Infect.* 2018;99:419-21.

Winemaker M, Mertz D, Petruccioli D, Harris DJ, Chaudhry H, O'Shea T, de Beer J. Prosthetic Joint Infections: Is Guideline-Consistent Surgical Treatment Beneficial? *Current Orthopaedic Practice.* 2018;29(6):560-4.

Katz KC, Golding GR, Choi KB, Pelude L, Amaratunga KR, Taljaard M, Alexandre S, Collet JC, Davis I, Du T, Evans GA, Frenette C, Gravel D, Hota S, Kibsey P, Langley JM, Lee BE, Lemieux C, Longtin Y, Mertz D, Mieusement LMD, Minion J, Moore DL, Mulvey MR, Richardson S, Science M, Simor AE, Stagg P, Suh KN, Taylor G, Wong A, Thampi N, for the Canadian Nosocomial Infection Surveillance Program (CNISP). The evolving epidemiology of *Clostridium difficile* infection in Canadian hospitals during a postepidemic period (2009–2015). *CMAJ.* 2018 Jun 25;190(25):E758-E765.

Mertz D, Macri J, Hota S, Amaratunga K, Davis I, Johnston L, Lee B, Pelude L, Science M, Smith S, Wong A, and the Canadian Nosocomial Infection Surveillance Program (CNSIP). Response to alert on possible infections with *Mycobacterium chimaera* from contaminated heater-cooler devices in hospitals participating in the Canadian Nosocomial Infection Surveillance Program (CNISP). *Infect Control Hosp Epidemiol.* 2018;39(4):482-4.

Wong J, Timberlake K, Boodhan S, Barton M, Fanella S, Read S, Science M, the members of the Groupe Antibiothérapie en Pédiatrie/Canada Alliance for Stewardship of Antimicrobials in Pediatrics. Canadian Pediatric Antimicrobial Stewardship Programs: Current Resources and Implementation Characteristics. *Infect Control Hosp Epidemiol.* 2018;39(3).

Orasch C, Mertz D, Garbino J, van Delden C, Emonet S, Schrenzel J, Zimmerli S, Damonti L, Mühlethaler K, Imhof A, Ruef C, Fehr J,

Zbinden R, Boggian K, Bruderer T, Flückiger U, Conen A, Khanna N, Frei R, Bregenzer T, Lamoth F, Erard V, Bochud PY, Calandra T, Bille J, Marchetti O, and the Fungal Infection Network of Switzerland (FUNGINOS). Fluconazole Non-Susceptible Breakthrough Candidemia after Prolonged Low-Dose Prophylaxis: a Prospective FUNGINOS Study. *J Infect.* 2018;76(5):489-95.

## Book

Mertz D, Smaill F, Daneman N. Evidence-based infectious diseases, 3rd edition. Wiley-Blackwell. 2018.

## MITHOOWANT, S.

### Book Chapters

Mithoowani S, Arnold DM. Immune thrombocytopenia. In: Consultative Hemostasis and Thrombosis. (fourth edition) (Kitchens CS, Conkle BA, Kessler CM, Eds.). Elsevier, 2018.

Warkentin TE, Mithoowani S, Arnold DM. Acquired Thrombocytopenia. In: Concise Guide to Hematology (third edition). (Schmaier AH, Lazarus HM, Eds.). Wiley-Blackwell, chapter 14, 2018.

## MOFFAT, K.

Brunet JG, Iyer JK, Badin MS, Graf L, Moffat KA, Spitzer E, Hayward CPM. Electron microscopy examination of platelet whole mount preparations to quantify platelet dense granule numbers: Implications for diagnosing suspected platelet function disorders due to dense granule deficiency. *Intern J of Lab Hematol.* 2018 Aug;40(4):400-7.

Legault K, Schunemann H, Hillis C, Yeung C, Akl, E, Carrier M, Cervera R, Crowther M, Dentali F, Erkan D, Espinosa G, Khamashta M, Meerpohl J, Moffat KA, O'Brien S, Pengo V, Rand J, Rodriguez I, Thom L, Iorio A. McMaster RARE-Best Practice guideline on diagnosis and management of the catastrophic antiphospholipid syndrome. *J Thromb Haemost.* 2018 Jun 7.

Dube C, Douketis JD, Moffat KA, Schulman S, Blais N. Basic Coagulation Tests as Surrogates of Dabigatran Levels in a pre-operative Setting: Analysis of five Activated Partial Thromboplastin Time Reagents and Thrombin Time. *Thromb Res.* 2018 Nov;171:62-7.

Van Cott EM, Moffat KA. External quality assessment / proficiency testing for platelet function disorders. *ECAT* 2018;Special Issue #8.

## NEARY, J.

Agzarian J, Bessissow A, Srinathan S, Devereaux PJ, Neary J, Decher W, Gandy L, Schneider L, Finley CJ, Schieman C, Hanna WC, Shargall Y. The effect of colchicine administration on postoperative pleural effusion following lung resection: a randomized blinded placebo-controlled feasibility pilot study. *Eur J Cardiothorac Surg.* 2018 Apr 1;53(4):822-7.

Bessissow A, Agzarian J, Shargall Y, Srinathan S, Neary J, Tandon V, Finley C, Healey JS, Conen D, Rodseth R, Pettit S, Dechert W, Regalado O, Ramasundarahettige C, Alshalash S, Devereaux PJ. Colchicine for Prevention of Perioperative Atrial Fibrillation in patients undergoing lung resection surgery: a pilot randomized controlled study. *Eur J Cardiothorac Surg.* 2018 May 1;53(5):945-51.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccari BM, Xavier D, Szczeklik W, Meyhoff CS, Vincent J, Franzosi MG, Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoefft A, Yusuf S; MANAGE Investigators. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomized, placebo-controlled trial. *Lancet.* 2018 Jun 9;391(10137):2325-34.

Chu DK, Kim LH, Young PJ, Zamiri N, Almenawer SA, Jaeschke R, Szczeklik W, Schünemann HJ, Neary JD, Alhazzani W. Mortality and morbidity in acutely ill adults treated with liberal versus conservative oxygen therapy (IOTA): a systematic review and meta-analysis. *Lancet.* 2018 Apr 28;391(10131):1693-705.

## OCZKOWSKI, S.

Oczkowski SJW, Klotz L, Mazzetti I, Alshamsi F, Chen ML, Foster G, Meade MO, Hamielec C. Furosemide and Albumin for Diuresis of Edema (FADE): A parallel-group, blinded, pilot randomized controlled trial. *J Crit Care.* 2018;Dec;48:462-7.

Sarti AJ, Sutherland S, Healey A, Dhanani S, Landriault A, Fothergill-Bourbonnais F, Hartwick M, Beitel J, Oczkowski S, Cardinal P. A Multicenter Qualitative Investigation of the Experiences and Perspectives of Substitute Decision Makers Who Underwent Organ Donation Decisions. *Prog Transplant.* 2018;Dec;28(4):343-8.

Sarti AJ, Sutherland S, Healey A, Dhanani S, Hartwick M, Oczkowski S, Messenger D, Soliman K, Ball I, Mema B, Cardinal MP, Valiani S, Cardinal P. A multicentre investigation of organ and tissue donation education for critical care residents. *Can J Anaesth.* 2018;Oct;65(10):1120-8.

Rochweg B, Oczkowski SJ, Siemieniuk RAC, Agoritsas T, Belley-Cote E, D'Aragon F, Duan E, English S, Gossack-Keenan K, Alghuroba M, Szczeklik W, Menon K, Alhazzani W, Sevransky J, Vandvik PO, Annane D, Guyatt G. Corticosteroids in Sepsis: An Updated Systematic Review and Meta-Analysis. *Crit Care Med.* 2018;Sep;46(9):1411-20.

Burns KEA, Misak C, Herridge M, Meade MO, Oczkowski S; Patient and Family Partnership Committee of the Canadian Critical Care Trials Group. Patient and Family Engagement in the ICU. Untapped Opportunities and Underrecognized Challenges. *Am J Respir Crit Care Med.* 2018;Aug 1;198(3):310-9.

Oczkowski SJW, Centofanti JE, Durepos P, Arseneau E, Kelecevic J, Cook DJ, Meade MO. Organ donation in the ICU: A document analysis of institutional policies, protocols, and order sets. *Intensive Crit Care Nurs.* 2018;Apr;45:58-65.

## OCZKOWSKI, W.

Nath S, Koziarz A, Badhiwala JH, Alhazzani W, Jaeschke R, Sharma S, Banfield L, Shoamanesh A, Singh S, Nassiri F, Oczkowski W. Atraumatic versus conventional lumbar puncture needles: a systematic review and meta-analysis. *The Lancet.* 2018 Mar 24;391(10126):1197-204.

Mai LM, Oczkowski W. Late thrombectomy reduced disability in acute stroke with mismatched clinical deficit and infarction volume. *Annals of internal medicine.* 2018 Feb 20;168(4):JC17.

Oczkowski W. In cryptogenic stroke with PFO, adding PFO closure to medical therapy reduces recurrence. *Annals of internal medicine.* 2018 Apr;168(8):JC43.

Mai LM, Oczkowski W. Tenecteplase before thrombectomy for ischemic stroke improved reperfusion compared with alteplase. *Annals of internal medicine.* 2018 Aug 21;169(4):JC20.

## PAI, M.

Pai M, Douketis JD, Adhikari NKJ, Skrobik Y, Heels-Ansell D, Qushmaq I, Meade M, Guyatt GH, Geerts WH, Walsh M, Crowther M, Friedrich JO, Burry L, Bellomo R, Silba NB, Cox MJ, Cook DJ. Low-molecular-weight Heparin as Prophylaxis against Venous Thromboembolism in Critically Ill Patients with End-stage Renal Disease or Severe Renal Dysfunction: A Subgroup Analysis of the PROTECT Trial. *PLoS One.* 2018 Jun 1;13(6):e0198285.

Piran S, Schulman S, Panju M, Pai M. Oral Anticoagulant Dosing, Administration, and Storage: A Cross-Sectional Survey of Canadian Health Care Providers. *J Thromb Thrombolysis.* 2018;45:180.

# PUBLICATIONS

## Book chapter

Pai M. Laboratory Evaluation of Hemostatic and Thrombotic Disorders. In: Hoffman's Hematology: Basic Principles and Practice (7th edition) (Weitz J, editor). Elsevier, 2018.

## PAPAIOANNOU, A.

Negm AM, Kennedy CC, Ioannidis G, Gajic-Veljanoski O, Lee J, Thabane L, Adachi JD, Marr S, Lau A, Atkinson S, Petruccioli D, DeBeer J, Winemaker M, Avram V, Deheshi B, Williams D, Armstrong D, Lumb B, Panju A, Richardson J, Papaioannou A. Getting fit for hip and knee replacement: a protocol for the Fit-Joints pilot randomized controlled trial of a multi-modal intervention in frail patients with osteoarthritis. Pilot and Feasibility Studies. 2018;4(1):127.

Moore CD, Craven BC, Thabane L, Papaioannou A, Adachi JD, Giangregorio LM. Does muscle atrophy and fatty infiltration plateau or persist in chronic spinal cord injury? Journal of Clinical Densitometry. 2018;21(3):329-37.

Chan ACH, Adachi JD, Papaioannou A, Wong AKO. Investigating the effects of motion streaks on pQCT-derived leg muscle density and its association with fractures. Journal of Clinical Densitometry. 2018;21(1):130-9.

Ringer TJ, Wong-Pack M, Miller P, Patterson C, Marr S, Misiaszek B, Woo T, Sztramko R, Vastis PG, Papaioannou A. Understanding the educational and support needs of informal care-givers of people with dementia attending an outpatient geriatric assessment clinic. Ageing & Society. 2018;1-24.

Ziebart C, McArthur C, Lee L, Papaioannou A, Laprade J, Cheung AM, Jain R, Giangregorio L. "Left to my own devices, I don't know": using theory and patient-reported barriers to move from physical activity recommendations to practice. Osteoporosis International. 2018;29(5):1081-91.

Borhan ASM, Hewston P, Merom D, Kennedy C, Ioannidis G, Santesso N, Santaguada P, Thabane L, Papaioannou A. Effects of dance on cognitive function among older adults: a protocol for systematic review and meta-analysis. Systematic Reviews. 2018 Jan 27;7(1):24.

McArthur C, Ziebart C, Papaioannou A, Cheung AM, Laprade J, Lee L, Jain R, Giangregorio LM. "We get them up, moving, and out the door. How do we get them to do what is recommended?" Using behaviour change theory to put exercise evidence into action for rehabilitation professionals. Archives of Osteoporosis. 2018 Jan 25;13(1):7.

Gajic-Veljanoski O, Papaioannou A, Kennedy C, Ioannidis G, Berger C, Wong AKO, Rockwood K, Kirkland S, Raina P, Thabane L, Adachi JD. Osteoporotic fractures and obesity affect frailty progression: a longitudinal analysis of the Canadian multicentre osteoporosis study. BMC Geriatrics. 2018 Jan 5;18(1):4.

## PARDHAN, A.

Shaikh S, Stratton T, Pardhan A, Chan TM. Exploring Policy Change in the Emergency Department: A Qualitative Approach to Understanding Local Policy Creation and the Barriers to Implementing Change. Cureus. 2018;20(8): e3086.

## PERUMPILLICHIRA, J.

Ansari A, Perumpillichira J, Caicedo A, Jansen K, Dereymaeker A, De Wispelaere L, Dielman C, Vervisch J, Govaert P, De Vos M, Naulaers G, Van Huffel S. Weighted Performance Metrics for Automatic Neonatal Seizure Detection Using Multiscored EEG Data. IEEE J Biomed Health Inform. 2018 Jul;22(4):1114-23.

Ansari A, Cherian P, Caicedo A, Naulaers G, De Vos M, Van Huffel S. Neonatal Seizure Detection Using Deep Convolutional Neural Networks. Int J Neural Syst. 2019 May;29(4):1850011. Epub 2018 Apr 2.

## Book Chapter

De Wispelare L, Perumpillichira J. Interpretation of Neonatal EEG. In: EEG in Clinical Practice. (Radhakrishnan K, Murthy JMK, Rathore C. Eds.). Manipal University Press, pp. 91-114, 2018.

## PREBTANI, A.

Prebtani APH, Bajaj HS, Goldenberg R, Mullan Y. Diabetes Canada 2018 Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada: Reducing the Risk of Developing Diabetes. Can J Diabetes. 2018;42(Suppl 1):S20-S26.

Tobe SW, Gilbert RE, Jones C, Leiter LA, Prebtani APH, Woo V. Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada: Treatment of Hypertension. Can J Diabetes. 2018;42(Suppl 1):S186-S189.

## QUIRT, J.

Quirt J, Hildebrand KJ, Mazza J, Nova F, Kim HL. Asthma. Allergy Asthma Clin Immunol. 2018;14(S2):50.

Rosenfield L, Cvetkovic A, Woodward K, Quirt J. Late presentation of subacute C6 deficiency in a patient with recurrent Neisseria meningitidis infections. Ann Allergy Asthma Immunol 2018;120(4):432-3.

Quirt J, Gagnon R, Ellis AK, Kim HL. CSACI position statement: prescribing sublingual immunotherapy tablets for aeroallergens. Allergy Asthma Clin Immunol. 2018;14:1.

## ROCHWERG, B.

Prasad K, Siemieniuk R, Hao Q, Guyatt G, O'Donnell M, Lytvyn L, Heen AF, Agoritsas T, Vandvik PO, Gorthi SP, Fisch L, Jusufovic M, Muller J, Booth B, Horton E, Fraiz A, Siemieniuk J, Fobuzi AC, Katragunta N, Rochweg B. Dual antiplatelet therapy with aspirin and clopidogrel for acute high risk transient ischemic attack and minor ischemic stroke: a clinical practice guidelines. BMJ. 2018 Dec 16;363:k5130.

Bates SM, Rajasekhar A, Middeldorp S, McLintock C, Rodger MA, James AH, Vazquez SR, Greer IA, Riva JJ, Bhatt M, Schwab N, Barrett D, LaHaye A, Rochweg B. American Society of Hematology 2018 Guidelines for management of venous thromboembolism: venous thromboembolism in the context of pregnancy. Blood Adv. 2018 Nov 27;2(22):3317-59.

Fernando SM, Tran A, Cheng W, Rochweg B, Taljaard M, Thiruganasambandamoorthy V, Kyremanteng K, Perry JJ. Prognostic accuracy of the HEART score for the prediction of major adverse cardiac events in patients presenting with chest pain: A systematic review and meta-analysis. Acad Emerg Med. 2019 Feb;26(2):140-51. Epub 2018 Nov 29.

Alhazzani W, Lewis K, Jaeschke R, Rochweg B, Møller MH, Evans L, Wilson KC, Patel S, Coopersmith CM, Cecconi M, Guyatt G, Akl EA. Conflict of interest disclosure forms and management in critical care clinical practice guidelines. Intensive Care Med. 2018 Oct;44(10):1691-8.

Brignardello-Petersen R, Murad MH, Walter SD, McLeod S, Carrasco-Labra A, Rochweg B, Schünemann HJ, Tomlinson G, Guyatt GH; GRADE working group. GRADE approach to rate the certainty from a network meta-analysis: avoiding spurious judgements of imprecision in sparse networks. J Clin Epi. 2019 Jan;105:60-7. Epub 2018 Sep 22.

Fernando SM, Rochweg B, Seely AJE. Clinical implications of the Third International Consensus Definitions for Sepsis and Septic Shock (Sepsis-3). CMAJ. 2018 Sept 10;190(36):E1058-E1059.

Devlin JW, Skrobik Y, Gélinas C, Needham DM, Slooter AJC, Pandharipande PP, Watson PL, Weinhouse GL, Nunnally ME, Rochweg B, Balas MC, van den Boogaard M, Bosma KJ, Brummel NE, Chanques G, Denehy L, Drouot X, Fraser GL, Harris JE,



Joffe AM, Kho ME, Kress JP, Lanphere JA, McKinley S, Neufeld KJ, Pisani MA, Payen JF, Pun BT, Puntillo KA, Riker RR, Robinson BRH, Shehabi Y, Szumita PM, Winkelman C, Centofanti JE, Price C, Nikayin S, Misak CJ, Flood PD, Kiedrowski K, Alhazzani W. Clinical practice guidelines for the prevention and management of pain, agitation/sedation, delirium, immobility and sleep disruption in adult patients in the ICU. *Crit Care Med*. 2018 Sept;46(9):e825-e873.

Rochweg B, Brignardello-Petersen R, Guyatt G. Network meta-analysis in healthcare decision-making. *Med J Australia*. 2018 Aug 20;209(4):151-4.

Lamontagne F, Rochweg B, Lytvyn L, Guyatt GH, Møller MH, Annane D, Kho ME, Adhikari NKJ, Machado F, Vandvik PO, Dodek P, Leboeuf R, Briel M, Hashmi M, Camsooksai J, Shankar-Hari M, Baraki MK, Fugate K, Chua S, Marti C, Cohen D, Botton E, Agoritsas T, Siemieniuk RAC. Corticosteroids therapy for sepsis: a clinical practice guideline. *BMJ*. 2018 Aug 10;362:k3284.

Lamontagne F, D'Araron F, Burns KEA, Belley-Côté É, Kho M, Menon K, Duan E, Masse MH, Archambault P, Hrymak C, Rochweg B. Canadian Critical Care Society revised process for guideline development and endorsement. *Can J Anes*. 2018 Oct;65(10):1163-4.

Balas MC, Weinhouse GL, Denehy L, Chanques G, Rochweg B, Misak CJ, Skrobik Y, Devlin JW, Fraser GL. Interpreting and implementing the 2018 pain, agitation/sedation, delirium, immobility and sleep disruption clinical practice guideline. *Crit Care Med*. 2018 Sept;46(9):1464-70.

Honarmand K, Belley-Cote EP, Ulic D, Khalifa A, Gibson A, McClure G, Savija N, Alshamsi F, D'Araron F, Rochweg B, Duan EH, Karachi T, Lamontagne F, Devereaux PJ, Whitlock RP, Cook DJ. The deferred consent model in a prospective observational study evaluating myocardial injury in the intensive care unit. *J Intensive Care Med*. 2018 Aug;33(8):475-80.

Devlin JW, Skrobik Y, Rochweg B, Nunnally ME, Needham DM, Gelinac C, Pandharipande PP, Slooter AJC, Watson PL, Weinhouse GL, Kho ME, Centofanti J, Price C, Harmon L, Misak CJ, Flood PD, Alhazzani W. Methodologic innovation in creating clinical practice guidelines: insights from the 2018 Society of Critical Care Medicine pain, agitation/sedation, delirium, immobility and sleep disruption guideline effort. *Crit Care Med*. 2018 Sept;46(9):1457-63.

Rochweg B, Oczkowski SJ, Siemieniuk RAC, Agoritsas T, Belley-Cote E, D'Araron F, Duan E, English S, Gossack-Keenan K, Alghuroba M, Szczeklik W, Menon K, Alhazzani W, Sevransky J, Vandvik PO, Annane D, Guyatt G. Corticosteroids in sepsis: an updated systematic review and meta-analysis. *Crit Care Med*. 2018 Sep;46(9):1411-20.

Fernando SM, Rochweg B, Reardon PM, Thavorn K, Seely AJE, Perry JJ, Barnaby DP, Tanuseputro P, Kyeremanteng K. Emergency department disposition decisions and associated mortality and costs in ICU patients with suspected infection. *Crit Care*. 2018 Jul 6;22(1):172.

Weiss MJ, Hornby L, Shemie SD, Appleby A, Rochweg B. GRADEing the un-GRADE-able: a description of challenges in applying GRADE methods in the ethical and implementation questions of pediatric organ donation guidelines. *J Clin Epi*. 2018 Nov;103:134-7.

Meduri GU, Rochweg B, Annane D, Pastores SM, Corticosteroid Guideline Task Force of SCCM and ESCIM. Prolonged corticosteroid treatment in acute respiratory distress syndrome: impact on mortality and ventilator-free days. *Crit Care*. 2018 May 24;22(1):135.

Rochweg B, Almenawer SA, Siemieniuk RAC, Vandvik PO, Agoritsas T, Lytvyn L, Alhazzani W, Archambault P, D'Araron F, Farhoumand PD, Guyatt G, Laake JH, Beltrán-Arroyave C, McCredie V, Price A, Chabot C, Zervakis T, Badhiwala J, St-Onge M, Szczeklik W, Møller MH, Lamontagne F. Atraumatic (pencil-point) versus conventional needles for lumbar puncture: a clinical practice guideline. *BMJ*. 2018 May 22;361:k1920.

Fernando SM, Reardon PM, Rochweg B, Shapiro NI, Yearly DM, Seely AJE, Perry JJ, Barnaby DP, Murphy K, Tanuseputro P, Kyeremanteng K.

Sepsis-3 septic shock criteria and associated mortality among infected hospitalized patients assessed by a rapid response team. *CHEST*. 2018 Aug;154(2):309-16.

Fernando SM, Tran A, Cheng W, Rochweg B, Kyeremanteng K, Seely AJE, Inaba K, Perry JJ. Necrotizing soft tissue infection: Diagnostic accuracy of physical examination, imaging, and LRINEC score: a systematic review and meta-analysis. *Ann Surg*. 2019 Jan;269(1):58-65. Epub 2018 Apr 18.

Shears M, Takaoka A, Rochweg B, Bagshaw SM, Johnstone J, Holding A, Tharmalingam S, Millen T, Clarke F, Rockwood K, Li G, Thabane L, Muscedere J, Stelfox HT, Cook DJ; Canadian Critical Care Trials Group. Assessing frailty in the intensive care unit: a reliability and validity study. *J Crit Care*. 2018 Feb 8;45:197-203.

Fernando SM, Tran A, Taljaard M, Cheng W, Rochweg B, Seely AJE, Perry JJ. Prognostic accuracy of the quick sequential organ failure assessment for mortality in patients with suspected infection: a systematic review and meta-analysis. *Ann Intern Med*. 2018 Feb 20;266-75.

Lai AT, Zeller MP, Millen T, Kavsak P, Szczeklik W, Elahie A, Alhazzani W, D'Araron F, Jaeschke R, Lamontagne F, Karachi T, Cook D, Meade M, Rochweg B; Canadian Critical Care Trials Group. Chloride and other electrolyte concentrations in commonly available 5% albumin products. *Critical Care Med*. 2018 Apr;46(4):e326-e329.

Alhazzani W, Alshamsi F, Belley-Cote E, Heels-Ansdell D, Brignardello-Petersen R, Alquraini M, Perner A, Moller MH, Krag M, Almenawer S, Rochweg B, Dionne J, Jaeschke R, Alshahrani M, Deane A, Perri D, Thebane L, Al-Omari A, Finfer S, Cook D, Guyatt G. Efficacy and safety of stress ulcer prophylaxis in critically ill patients: a network meta-analysis of randomized trials. *Intensive Care Medicine*. 2018 Jan;44(1):1-11.

## SAHLAS, D.

Yu D, Hennebelle M, Sahlas DJ, Ramirez J, Gao F, Masellis M, Cogo-Moreira H, Swartz RH, Herrmann N, Chan PC, Pettersen JA, Stuss DT, Black SE, Taha AY, Swardfager W. Soluble Epoxide Hydrolase-Derived Linoleic Acid Oxylipins in Serum Are Associated with Periventricular White Matter Hyperintensities and Vascular Cognitive Impairment. *Transl Stroke Res*. 2019 Oct;10(5):522-33. Epub 2018 Nov 15.

Mrkobrada M, Chan MTV, Cowan D, Spence J, Campbell D, Wang CY, Torres D, Malaga G, Sanders RD, Brown C, Sigamani A, Szczeklik W, Dmytriw AA, Agid R, Smith EE, Hill MD, Sharma M, Sharma M, Tsai S, Mensinkai A, Sahlas DJ, Guyatt G, Pettit S, Copland I, Wu WKK, Yu SCH, Gin T, Loh PS, Ramli N, Siow YL, Short TG, Waymouth E, Kumar J, Dasgupta M, Murkin JM, Fuentes M, Ortiz-Soriano V, Lindroth H, Simpson S, Sessler D, Devereaux PJ. Rational and design for the detection and neurological impact of cerebrovascular events in non-cardiac surgery patients cohort evaluation (NeuroVISION) study: a prospective international cohort study. *BMJ Open*. 2018;8(7):e021521.

Jaswal G, Swardfager W, Gao FQ, Nestor SM, Ganda A, Cogo-Moreira H, Sahlas DJ, Stuss, DT, Moody A, Black SE. Reduced substantia innominata volume mediates contributions of microvascular and macrovascular disease to cognitive deficits in Alzheimer's disease. *Neurobiol Aging*. 2018;10;66:23-31.

Jewett L, Harroud A, Hill MD, Cote R, Wein T, Smith EE, Gubitg G, Demchuk AM, Sahlas DJ, Gladstone DJ, Lindsay MP. Secondary stroke prevention services in Canada: a cross-sectional survey and geospatial analysis of resources, capacity and geographic access. *CMAJ Open*. 2018;6(1):E95-E102.

Swardfager W, Cogo-Moreira H, Masellis M, Ramirez J, Herrmann N, Edwards JD, Saleem M, Chan P, Yu D, Nestor SM, Scott CJM, Holmes MF, Sahlas DJ, Kiss A, Oh PI, Strother SC, Gao F, Stefanovic B, Keith J, Symons S, Swartz RH, Lancot KL, Stuss DT, Black SE. The effect of white matter hyperintensities on verbal memory: mediation by temporal lobe atrophy. *Neurology*. 2018;90(8):e673-e682.

Richardson J, Tang A, Guyatt G, Thabane L, Xie F, Sahlas D, Hart R,

## PUBLICATIONS

Fleck R, Hladys G, Macrae L. FIT for FUNCTION: study protocol for a randomized controlled trial. *Trials*. 2018;19(1):39.

### SCHULMAN, S.

Tarango C, Schulman S, Betensky M, Goldenberg NA. Duration of anticoagulant therapy in pediatric venous thromboembolism: Current approaches and updates from randomized controlled trials. *Expert Rev Hematol*. 2018 Jan;11(1):37-44.

Piran S, Schulman S, Panju M, Pai M. Oral anticoagulant dosing, administration, and storage: a cross-sectional survey of Canadian health care providers. *J Thromb Thrombolysis*. 2018;45(1):180-5.

Clark NP, Douketis JD, Hasselblad V, Schulman S, Kindzelski AL, Ortel TL; BRIDGE Investigators. Predictors of perioperative major bleeding in patients who interrupt warfarin for an elective surgery or procedure: Analysis of the BRIDGE trial. *Am Heart J*. 2018;195:108-14.

Xu Y, Shoamanesh A, Schulman S, Dowlathshahi D, Salman RA, Moldovan ID, Wells PS, AlKherayf F. Oral anticoagulant re-initiation following intracerebral hemorrhage in non-valvular atrial fibrillation: Global survey of the practices of neurologists, neurosurgeons and thrombosis experts. *PLoS One*. 2018;13(1):e0191137.

Piran S, Traquair H, Chan N, Robinson M, Schulman S. Incidence and risk factors for acute kidney injury in patients with excessive anticoagulation on warfarin: a retrospective study. *J Thromb Thrombolysis*. 2018;45(4):557-61.

Kearon C, Parpia S, Spencer FA, Baglin T, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid antibodies and recurrent thrombosis after a first unprovoked venous thromboembolism. *Blood*. 2018;131(19):2151-60.

Schulman S, Gross PL, Ritchie B, Nahiriak S, Lin Y, Lieberman L, Carrier M, Crowther MA, Ghosh I, Lazo-Langner A, Zondag M; Study Investigators. Prothrombin complex concentrate for major bleeding on factor xa inhibitors: a prospective cohort study. *Thromb Haemost* 2018;118(5):842-51.

Piran S, Gabriel C, Schulman S. Prothrombin complex concentrate for reversal of direct factor Xa inhibitors prior to emergency surgery or invasive procedure: a retrospective study. *J Thromb Thrombolysis*. 2018;45(4):486-95.

Shaw JR, Woodfine JD, Douketis J, Schulman S, Carrier M. Perioperative interruption of direct oral anticoagulants in patients with atrial fibrillation: A systematic review and meta-analysis. *Res Pract Thromb Haemost*. 2018;2(2):282-90.

Piran S, Traquair H, Chan N, Bhagirath V, Schulman S. Peak plasma concentration of direct oral anticoagulants in obese patients weighing over 120 kilograms: A retrospective study. *Res Pract Thromb Haemost*. 2018;2(4):684-8.

Dubé C, Douketis JD, Moffat KA, Schulman S, Blais N. Basic coagulation tests as surrogates of dabigatran levels in a pre-operative setting: Analysis of five activated partial thromboplastin time reagents and thrombin time. *Thromb Res*. 2018;171:62-7.

Senzolo M, Riva N, Dentali F, Rodriguez-Castro K, Sartori MT, Bang SM, Martinelli I, Schulman S, Alatri A, Beyer-Westendorf J, Di Minno MND, Ageno W; IRSVT study investigators. Long-term outcome of splanchnic vein thrombosis in cirrhosis. *Clin Transl Gastroenterol*. 2018;9(8):176.

van der Wall SJ, van der Pol LM, Ende-Verhaar YM, Cannegieter SC, Schulman S, Prandoni P, Rodger M, Huisman MV, Klok FA. Fatal recurrent VTE after anticoagulant treatment for unprovoked VTE: a systematic review. *Eur Respir Rev*. 2018;27(150):pii:180094.

Piran S, Schulman S. Management of recurrent venous thromboembolism in patients with cancer: A review. *Thromb Res*. 2018;164 Suppl 1:S172-S177.

Schulman S, Aisenberg J. Are NSAIDs double trouble? *J Am Coll Cardiol*. 2018 Jul 17;72(3):268-70.

Schulman S. Splanchnic vein thrombosis: what are the long-term risks? *Lancet Haematol*. 2018;5(10):e431-2.

### SEARS, M.

Moraes TJ, Sears MR. Lower respiratory infections in early life are linked to later asthma. *Thorax*. 2018 Feb;73(2):105-6.

Tamana SK, Smithson L, Lau A, Mariasine J, Young R, Chikuma J, Lefebvre DL, Subbarao P, Becker AB, Turvey SE, Sears MR, CHILD Study Investigators, Pei J, Mandhane PJ. Parent-reported symptoms of sleep-disordered breathing are associated with increased behavioral problems at 2 years of age: the Canadian Healthy Infant Longitudinal Development birth cohort study. *Sleep*. 2018 Jan 1;41(1).

Tran MM, Lefebvre DL, Dharma C, Dai D, Lou WY, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Sears MR, Canadian Healthy Infant Longitudinal Development Study Investigators. Predicting the atopic march: results from the Canadian Healthy Infant Longitudinal Development Study. *J Allergy Clin Immunol*. 2018 Feb;141(2):601-7.

Kang LJ, Koleva PT, Field CJ, Giesbrecht GF, Wine E, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL, CHILD Study Investigators. Maternal depressive symptoms linked to reduced fecal immunoglobulin A concentrations in infants. *Brain Behav Immun*. 2018 Feb;68:123-31.

Dharma C, Lefebvre DL, Tran MM, Lou WY, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Sears MR, CHILD Study Investigators. Patterns of allergic sensitization and atopic dermatitis from 1 to 3 years: effects on allergic diseases. *Clin Exp Allergy*. 2018 Jan;48(1):48-59.

Chan D, Goruk S, Becker AB, Subbarao P, Mandhane PJ, Turvey SE, Lefebvre D, Sears MR, Field CJ, Azad MB. Adiponectin, leptin and insulin in breast milk: associations with maternal characteristics and infant body composition in the first year of life. *Int J Obes (Lond)*. 2018 Jan;42(1):36-43.

Tran MM, Sears MR. Can the atopic march be predicted? *Ann Allergy Asthma Immunol*. 2018 Feb;120(2):115-6.

Moraes TJ, Sears MR, Subbarao P. Epidemiology of asthma and influence of ethnicity. *Semin Respir Crit Care Med*. 2018 Feb;39(1):3-11.

Tun HM, Bridgman SL, Chari R, Field CJ, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL, for the Canadian Healthy Infant Longitudinal Development (CHILD) Study Investigators. Roles of birth mode and infant gut microbiota in intergenerational transmission of overweight and obesity from mother to offspring. *JAMA Pediatr*. 2018 Apr 1;172(4):368-77.

Vehling L, Chan D, McGavock J, Becker AB, Subbarao P, Moraes TJ, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR, Azad MB. Exclusive breastfeeding in hospital predicts longer breastfeeding duration in Canada: implications for health equity. *Birth*. 2018 Dec;45(4):440-9.

Madani K, Vlaski E, Rennie DC, Sears M, Lawson JA. An international comparison of risk factors between two regions with distinct differences in asthma prevalence. *Allergol Immunopathol (Madr)*. 2018 Jul - Aug;46(4):341-53.

Smithson L, Baird T, Tamana SK, Lau A, Mariasine J, Chikuma J, Lefebvre DL, Subbarao P, Becker AB, Turvey SE, Sears MR, CHILD Study investigators, Beal D, Pei J, Mandhane PJ. Shorter sleep duration is associated with reduced cognitive development at two years of age. *Sleep Med*. 2018 Aug;48:131-9.

Hancox RJ, Pavord ID, Sears MR. Associations between blood eosinophils and decline in lung function among adults with and without asthma. *Eur Respir J*. 2018 Apr 19;51(4).

Kamal M, Tamana SK, Smithson L, Ding L, Lau A, Chikuma J, Mariasine J, Lefebvre DL, Subbarao P, Becker AB, Turvey SE, Sears MR, CHILD

Study investigators, Pei J, Mandhane PJ. Phenotypes of sleep disordered breathing symptoms to two years of age based on age of onset and duration of symptoms. *Sleep Med.* 2018 Aug;48:93-100.

Miliku K, Robertson B, Sharma AK, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR; CHILD Study Investigators, Bode L, Azad M. Human milk oligosaccharide profiles and food sensitization among infants in the CHILD Study. *Allergy.* 2018 Oct;73(10):2070-3.

Lu Z, Foong RE, Kowalik K, Moraes TJ, Dubeau A, Lefebvre D, Davis SD, Balkovec S, Becker A, Mandhane P, Turvey SE, Lou W, Sears MR, Ratjen F, Subbarao P. Reference equations for the interpretation of forced expiratory and plethysmographic measurements in infants. *Pediatr Pulmonol.* 2018 Jul;53(7):907-16.

Bridgman SL, Azad MB, Persaud RR, Chari RS, Becker AB, Sears MR, Mandhane PJ, Turvey SE, Subbarao P, Haqq AM, Kozyrskyj AL. Impact of maternal pre-pregnancy overweight on infant overweight at 1 year of age: associations and sex-specific differences. *Pediatr Obes.* 2018 Oct;13(10):579-89.

Forbes JD, Azad MB, Vehling L, Tun HM, Konya TB, Guttman DS, Field CJ, Lefebvre D, Sears MR, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Subbarao P, Scott JA, Kosyrskyj AL. Association of exposure to formula in the hospital and subsequent infant feeding practices with gut microbiota and risk of overweight in the first year of life. *JAMA Pediatr.* 2018 Jul 2;172(7):e181161.

Lu Z, Foong RE, Kowalik K, Moraes TJ, Boyce A, Dubeau A, Balkovec S, Gustafsson PM, Becker AB, Mandhane PJ, Turvey SE, Lou W, Ratjen F, Sears M, Subbarao P. Ventilation inhomogeneity in infants with recurrent wheezing. *Thorax.* 2018 Oct;73(10):936-41.

Azad MB, Vehling L, Chan D, Klopp A, Nickel NC, McGavock JM, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Taylor MS, Lefebvre DL, Sears MR, Subbarao P, on behalf of the CHILD Study investigators. Infant feeding and weight gain: separating breast milk from breast-feeding and formula from food. *Pediatrics.* 2018 Oct;142(4).

Azad MB, Robertson B, Atakora F, Becker AB, Subbarao P, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR, Bode L. Human milk oligosaccharide concentrations are associated with multiple fixed and modifiable maternal characteristics, environmental factors and feeding practices. *J Nutr.* 2018 Nov 1;148(11):1733-42.

Tun MH, Tun HM, Mahoney JJ, Konya TB, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Brook JR, Lou W, Takaro TK, Scott JA, Kozyrskyj AL; CHILD Study investigators. Postnatal exposure to household disinfectants, infant gut microbiota and subsequent risk of overweight in children. *CMAJ.* 2018 Sep 17;190(37):E1097-E1107.

Cusack L, Sbihi H, Larkin A, Chow A, Brook JR, Moraes T, Mandhane PJ, Becker AB, Azad MB, Subbarao P, Kozyrskyj A, Takara TK, Sears MR, Turvey SE, Hystad P and the CHILD Study investigators. Residential green space and pathways to term birth weight in the Canadian Healthy Infant Longitudinal Development (CHILD) Study. *Int J Health Geogr.* 2018 Dec 4;17(1):43.

Dharma C, Lefebvre DL, Tran MM, Lu Z, Lou WY, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Azad MB, Sears MR, CHILD Study investigators. Diagnosing atopic dermatitis in infancy: Questionnaire reports vs criteria-based assessment. *Paediatr Perinat Epidemiol.* 2018 Nov;32(6):556-67.

## Book Chapters

Subbarao P, Sears MR. Chapter 17. Identifying and preventing the progression of asthma to chronic obstructive pulmonary disease. In: *Personalizing Asthma Management for the Clinician.* (Szefer L, Holguin F, Wechsler M, Eds.). Elsevier, pp. 179-190, 2018.

Graham C, Chooniedass R, Stefura WP, Becker AB, Sears MR, Turvey

SE, Mandhane PJ, Subbarao P, CHILD Study investigators, HayGlass KT. Innate immunity acquires an anti-inflammatory bias during healthy pregnancy: opportunities to examine links between early life environment and childhood development of allergic disorders. In: *Towards Precision Diagnosis and Targeted Intervention in Allergic Disease* (Bochner BS, Creticos PS, Eds.). pp. 21-26, 2018.

## SEHMI, R.

Al-Sajee D, Sehmi R, Hawke TJ, El-Gammal A, Howie KJ, Watson RM, Londei M, Gauvreau GM, O'Byrne PM. Expression of IL-33 and TSLP and Their Receptors in Asthmatic Airways after Inhaled Allergen Challenge. *Am J Respir Crit Care Med.* 2018 Sep 15;198(6):805-7.

Mitchell PD, Salter BM, Oliveria JP, El-Gammal A, Tworek D, Smith SG, Sehmi R, Gauvreau GM, O'Byrne PM. IL-33 and Its Receptor ST2 after Inhaled Allergen Challenge in Allergic Asthmatics. *Int Arch Allergy Immunol.* 2018;176(2):133-42.

Tang W, Smith SG, Du W, Gugilla A, Du J, Oliveria JP, Howie K, Salter BM, Gauvreau GM, O'Byrne PM, Sehmi R. Interleukin-25 and eosinophils progenitor cell mobilization in allergic asthma. *Clin Transl Allergy.* 2018 Feb 13;8:5.

Sehmi R, Lim HF, Mukherjee M, Huang C, Radford K, Newbold P, Boulet LP, Dorscheid D, Martin JG, Nair P. Benralizumab attenuates airway eosinophilia in prednisone-dependent asthma. *J Allergy Clin Immunol.* 2018 Apr;141(4):1529-32.

Oliveria JP, El-Gammal AI, Yee M, Obminski CD, Scime TX, Watson RM, Howie K, O'Byrne PM, Sehmi R, Gauvreau GM. Changes in regulatory B-cell levels in bone marrow, blood, and sputum of patients with asthma following inhaled allergen challenge. *J Allergy Clin Immunol.* 2018 Apr;141(4):1495-8.

Sajee D, Oliveria JP, Sehmi R, Gauvreau GM. Anti-alarmins for treatment of asthma: future perspectives. *Al Curr Opin Pulm Med.* 2018 Jan;24(1):32-41.

Mukherjee M, Aleman Paramo F, Kjarsgaard M, Salter B, Nair G, LaVigne N, Radford K, Sehmi R, Nair P. Weight-adjusted Intravenous Reslizumab in Severe Asthma with Inadequate Response to Fixed-Dose Subcutaneous Mepolizumab. *Am J Respir Crit Care Med.* 2018 Jan 1;197(1):38-46.

Salter BMA, Smith SG, Mukherjee M, Plante S, Krisna S, Nusca G, Oliveria JP, Irshad A, Gauvreau GM, Chakir J, Nair P, Sehmi R. Human Bronchial Epithelial Cell-derived Factors from Severe Asthmatic Subjects Stimulate Eosinophil Differentiation. *Am J Respir Cell Mol Biol.* 2018 Jan;58(1):99-106.

## SHERBINO, J.

Bazak SJ, Sherbino J, Upadhye S, Chan T. Ascertaining top evidence in emergency medicine: A modified Delphi study. *CJEM.* 2019 Mar;21(2):291-5. Epub 2018 Jun 21.

Chan TM, Gottlieb M, Sherbino J, Cooney R, Boysen-Osborn M, Swaminathan A, Ankel F, Yarris LM. The ALIEM Faculty Incubator: A Novel Online Approach to Faculty Development in Education Scholarship. *Academic Medicine.* 2018;93:1497-502.

Chan TM, Mercuri M, Van Dewark K, Sherbino J, Schwartz A, Norman G, Lineberry M. Managing Multiplicity: Conceptualizing physician cognition in multi-patient environments. *Academic Medicine.* 2018;93(5):786-93.

Chan T, Gottlieb M, Sherbino J, Cooney R, Boysen-Osborn M, Swaminathan A, Ankel F, Yarris L. The ALIEM Faculty Incubator: A Novel Online Approach to Faculty Development in Education Scholarship. *Acad Med.* 2018 Oct;93(10):1497-502.

Chan T, Li S, Acai A, Sherbino J. P093: Performing the Balancing Act: Emergency Medicine Physicians' Multifaceted Roles and Their Influence on Trainee Assessment. *CJEM.* 2018;20(S1):S89-90.



## PUBLICATIONS

- Chan T, Sherbino J, Lineberry M. Coaching for Chaos: A qualitative study of instructional methods for multipatient management in the emergency department. *AEM Educ Train*. 2018 Dec 28;3(2):145-55.
- Chung A, Battaglioli N, Lin M, Sherbino J. JGME-ALiEM Hot Topics in Medical Education: An Analysis of a Virtual Discussion on Resident Well-Being. *J Grad Med Educ*. 2018 Feb;10(1):36-42.
- Cook D, Sherbino J, Durning S. Management Reasoning: Beyond the Diagnosis. *JAMA*. 2018 Jun 12;319(22):2267-8.
- Dharamsi A., Gray S, Hicks C, Sherbino, J, McGowan M, Petrosoniak A. Bougie-assisted cricothyroidotomy: Delphi-derived essential steps for the novice learner. *CJEM*. 2019 Mar;21(2):283-90. Epub 2018 Jun 28.
- Evans C, Quinlan D, Engels P, Sherbino J. Reanimating Patients After Traumatic Cardiac Arrest: A Practical Approach Informed by Best Evidence. *Emerg Med Clin North Am*. 2018 Feb;36(1):19-40.
- Gossack-Keenan K, Chan T, Gardine E, Turcotte M, de Wit K, Sherbino J. L016: Showing your work: experiences with mind maps and faculty teaching. *CJEM*. 2018;20(S1):S12
- Hall A, Rich J, Dagnone J, Weersink K, Caudle J, Sherbino J, Frank J, Bandiera G, Van Melle E. P061: Implementing CBME in emergency medicine: lessons learned from the first 6 months of transition at Queens University. *CJEM*. 2018;20(S1):S78-S78.
- Holroyd BR, Beeson MS, Hughes T, Kurland L, Sherbino J, Truesdale M, Hersh W. Clinical Informatics Competencies in the Emergency Medicine Specialist Training Standards of Five International Jurisdictions. *AEM Educ Train*. 2018 Sep 17;2(4):293-300.
- Holroyd B, Beeson M, Hughes T, Kurland L, Sherbino J, Truesdale M, Hersh W. P071: Content of clinical informatics in international training standards for emergency medicine specialists. *CJEM*. 2018;20(S1):S82-S82.
- Kalun P, Wagner N, Yan J, Nousiainen M, Sonnadara R. Surgical simulation training in orthopedics: current insights. *Advances in Medical Education and Practice*. 2018;9:125-31.
- Kavsak PA, Neumann JT, Cullen L, Than M, Shortt C, Greenslade JH, Pickering JW, Djeda F, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Westermann D, Sørensen NA, Parsonage WA, Griffith L, Mehta SR, Devereaux PJ, Richards M, Troughton R, Pemberton C, Aldous S, Blankenberg S, Worster A. Clinical chemistry score versus high-sensitivity cardiac troponin I and T tests alone to identify patients at low or high risk for myocardial infarction or death at presentation to the emergency department. *CMAJ*. 2018 Aug 20;190(33):E974-E984.
- Kavsak PA, Worster A, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Griffith L, Mehta SR, Devereaux PJ. High-sensitivity cardiac troponin concentrations at emergency department presentation in females and males with an acute cardiac outcome. *Ann Clin Biochem*. 2018 Sep;55(5):604-7.
- Lavelle C, Wen M, McDonald M, Sherbino J, Hulme, J. L036: The state of advocacy in postgraduate medical education: a literature review. *CJEM*. 2018;20(S1):S19.
- Monteiro S, Norman G, Sherbino J. The 3 faces of clinical reasoning: Epistemological explorations of disparate error reduction strategies. *J Eval Clin Pract*. 2018;24:666-73.
- Norman GR, Grierson LE, Sherbino J, Hamstra SJ, Schmidt HG, Mamede S. 19 Expertise in Medicine and Surgery. *The Cambridge Handbook of Expertise and Expert Performance*. 2018 May 17:331.
- Norman GR, Monteiro SD, Sherbino J, Ilgen JS, Schmidt HG, Mamede S. The causes of errors in clinical reasoning: cognitive biases, knowledge deficits, and dual process thinking. *Academic Medicine*. 2017 Jan;1:92(1):23-30.
- Saenger AK, Berkwitz M, Carley S, Haymond S, Ennis-O'Connor M, Sherbino J, Smith SW. The Power of Social Media in Medicine and Medical Education: Opportunities, Risks, and Rewards. *Clin Chem*. 2018 Sep;64(9):1284-90.
- Sherbino, J. You don't need a mentor; you need a board of directors. *CJEM*. 2018 Nov;20(6):816-7.
- Thoma B, Camorlinga P, Chan TM, Hall AK, Murnaghan A, Sherbino J. A Writer's Guide to Education Scholarship: Quantitative Methodologies for Medical Education Research (Part 1). *Canadian Journal of Emergency Medicine*. 2018;20(1):125-31.
- Thoma B, Sebok-Syer SS, Colmers-Gray I, Sherbino J, Ankel F, Trueger NS, Grock A, Siemens M, Paddock M, Purdy E, Milne WK, Chan TM. Quality Evaluation Scores Are No More Reliable Than Gestalt in Evaluating the Quality of Emergency Medicine Blogs: A METRIQ Study. *Teaching and Learning in Medicine*. 2018; 30(3):294-302.
- Varpio L, Frank J, Sherbino J, Snell L, Young M. Research environments: can the cloud supplement bricks and mortar? *Medical Education*. 2018;52(9):891-3.
- Chan TM, Van Dewark K, Sherbino J, Lineberry M. Coaching for Chaos: A Qualitative Study of Instructional Methods for Multipatient Management in the Emergency Department. *AEM Educ Train*. 2018 Dec 28;3(2):145-55.
- Woods R, Chan T, Thoma B, Sherbino J. Education scholarship in Canadian emergency medicine: The past, present, and future. *Can J Emerg Med*. 2018;20(2):164-6.
- Chan TM, Sebok-Syer S, Thoma B, Wise A, Sherbino J, Pusic M. Learning Analytics in Medical Education Assessment: The Past, The Present, and The Future. *AEM Education and Training*. 2018;2(2):178-87.

### Book

Ankel F, Sherbino J. Adaptive Leadership for the New #MedEd: The One Hour Read. (Ankel F, Sherbino J, Eds.). *The Royal College of Physicians and Surgeons of Canada*. 2018.

### Book Chapter

Ankel F, Sherbino J. Introduction. In: Adaptive Leadership for the New #MedEd: The One Hour Read. (Ankel F, Sherbino J, Eds.). *The Royal College of Physicians and Surgeons of Canada*. 2018.

### SHOAMANESH, A.

Kasner SE, Swaminathan B, Lavados P, Sharma M, Muir K, Veltkamp R, Ameriso SF, Endres M, Lutsep H, Messe SR, Spence JD, Nedelchev K, Perera K, Santo G, Olavarria V, Lindgren A, Bangdiwala S, Shoamanesh A, Connolly SJ, Hart RG. Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: prespecified subgroup analysis from the NAVIGATE ESUS trial. *Lancet Neurol*. 2018 Dec;17(12):1053-60.

Hart RG, Sharma M, Mundl H, Kasner SE, Bangdiwala SI, Berkowitz SD, Swaminathan B, Lavados P, Wang Y, Wang Y, Davalos A, Shamalov N, Mikulik R, Cunha L, Lindgren A, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi RJ, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni D, Bereczki D, Uchiyama S, Ntaios G, Yoon BW, Brouns R, Endres M, Muir KW, Bornstein N, Ozturk S, O'Donnell MJ, De Vries Basson MM, Pare G, Pater C, Kirsch B, Sheridan P, Peters G, Weitz JI, Peacock WF, Shoamanesh A, Benavente OR, Joyner C, Themeles E, and Connolly SJ. Rivaroxaban for secondary stroke prevention after embolic stroke of undetermined source. *N Engl J Med*. 2018;378(23):2191-201.

Shoamanesh A, Morotti A, Romero JM, Oliveira-Filho J, Schlunk F, Jessel M, Ayres A, Vashkevich A, Schwab K, Afzal MR, Cassarly C, Martin RH, Qureshi AI, Greenberg SM, Rosand J, Goldstein JN. Cerebral microbleeds and the effect of intensive blood pressure reduction on hematoma expansion and functional outcomes in the ATACH-2 randomized clinical trial. *JAMA Neurol*. 2018;75(7):850-9.

Xu Y, Shoamanesh A, Schulman S, Dowlathshahi D, Hart R, Al-Shahi Salman R, Moldovan ID, Wells PS, AIKherayf F. Correction: Oral Anticoagulant Re-Initiation following Intracerebral Hemorrhage in Non-Valvular Atrial Fibrillation: Survey of the Practices of Thrombosis Experts, Neurologists and Neurosurgeons. PLOS one. 2018;13(5):e0198031.

Selim M, Hanley D, Broderick J, Goldstein JN, Gregson BA, Falcione G, Gonzales NR, Gurol E, Kersten J, Lewkowicz H, Mendelow AD, Muehlschlegel S, Neuman R, Palesch Y, Rosenblum M, Sheth KN, Singh V, Ziai W, Keep RF, Aronowski J, Genstler C, James ML, Ratan R, Sansing L, Youd A, Xi G, Zille M, Anderson C, Awad I, Bastings E, Bednar M, Coon AL, Gottesman R, Katz B, Khan S, Koenig J, Koroshetz W, Ling S, Loftus C, Lockhardt J, Louis T, Marler J, Moy C, Peña C, Pollack C, Omert L, Shah M, Shoamanesh A, Singer M, Steiner T, Torbey M, Tymianski M, Wakhloo A, Vespa P, Zuccarello M, Zheng X. The Hemorrhagic Stroke Academia Industry (HEADS) Roundtable Participants. Basic and Translational Research in Intracerebral Hemorrhage: Limitations, Priorities and Recommendations. Stroke. 2018;49(5):1308-14.

Selim M, Hanley D, Broderick J, Goldstein JN, Gregson BA, Falcione G, Gonzales NR, Gurol E, Kersten J, Lewkowicz H, Mendelow AD, Muehlschlegel S, Neuman R, Palesch Y, Rosenblum M, Sheth KN, Singh V, Ziai W, Keep RF, Aronowski J, Genstler C, James ML, Ratan R, Sansing L, Youd A, Xi G, Zille M, Anderson C, Awad I, Bastings E, Bednar M, Coon AL, Gottesman R, Katz B, Khan S, Koenig J, Koroshetz W, Ling S, Loftus C, Lockhardt J, Louis T, Marler J, Moy C, Peña C, Pollack C, Omert L, Shah M, Shoamanesh A, Singer M, Steiner T, Torbey M, Tymianski M, Wakhloo A, Vespa P, Zuccarello M, Zheng X. The Hemorrhagic Stroke Academia Industry (HEADS) Roundtable Participants. Unmet Needs and Challenges in Clinical Research of Intracerebral Hemorrhage. Stroke. 2018 May;49(5):1299-307.

Oliveira-Filho J, Ay H, Shoamanesh A, Park KY, Avery R, Sorgun M, Kim GM, Greenberg SM, Gurol ME. Incidence and Etiology of Punctate Infarcts in Ischemic Stroke Patients. J Neuroimaging. 2018;28(4):406-11.

Nerenberg K, Zarnke KB, Leung AA, Dasgupta K, Batavia S, McBrien K, Harris KC, Nakhla M, Cloutier L, Gelfer M, et al, for Hypertension Canada. Hypertension Canada's 2018 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults and Children. Can J Cardiol. 2018;34(5):506-25.

Kasner SE, Lavados PM, Sharma M, Wang Y, Wang Y, Dávalos A, Shamalov N, Cunha L, Lindgren A, Mikulik R, et al. Characterization of Patients with Embolic Strokes of Undetermined Source in the NAVIGATE ESUS Randomized Trial. J Stroke Cerebrovasc Dis. 2018;27(6):1673-82.

Xu Y, Shoamanesh A, Schulman S, Dowlathshahi D, Hart R, Al-Shahi Salman R, Moldovan ID, Wells PS, AIKherayf F. Oral Anticoagulant Re-Initiation following Intracerebral Hemorrhage in Non-Valvular Atrial Fibrillation: Survey of the Practices of Thrombosis Experts, Neurologists and Neurosurgeons. PLOS one. 2018;13(1):e0191137.

Charidimou A, Shams S, Romero J, Ding J, Veltkamp R, Horstmann S, Eiriksdottir G, van Buchem M, Gudnason V, Himali J, Gurol E, Viswanathan A, Imaizumi T, Vernooij M, Seshadri S, Greenberg S, Benavente O, Launder L, Shoamanesh A for the International META-MICROBLEEDS Initiative. Clinical significance of cerebral microbleeds: A comprehensive meta-analysis of risk of intracerebral haemorrhage, ischemic stroke, mortality and dementia in cohort studies. Int J Stroke. 2018;13(5):454-68.

Nath S, Koziarz A, Badhiwala J, Alhazzani W, Jaeschke R, Sharma S, Banfield L, Shoamanesh A, Singh S, Nassiri F, Belley-Cote E, Truant R, Reddy K, Meade M, Farrokhyar F, Bala M, Alshamsi F, Krag M, Etxeandia I, Kunz R, Nishida O, Matouk C, Selim M, Hawryluk G, Almenawer S. Atraumatic Versus Conventional Lumbar Puncture Needles: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Lancet. 2018;391(10126):1197-204.

Wein T, Lindsay MP, Cote R, Foley N, Berlingieri J, Bhogal S, Bourgoin

A, Buck BH, Cox J, Davidson D, Dowlathshahi D, Douketis J, Falconer J, Fields T, Gioia L, Gubitz G, Habert J, Jaspers S, Lum C, Morse DM, Pageau, Rafay M, Rodgerson A, Semchuk B, Sharma M, Shoamanesh A, Tamayo A, Smitko E, Gladstone D, on behalf of the Heart and Stroke Foundation Canada Stroke Best Practice Committee. Canadian Stroke Best Practice Recommendations: Secondary Prevention of Stroke. Int J Stroke. 2018;13(4):420-43.

Charidimou A, Shoamanesh A, Al-Shahi Salman R, Cordonnier C, Perry L, Sheth K, Biffi A, Rosand J, Viswanathan A. Cerebral amyloid angiopathy, cerebral microbleeds and implications for anticoagulation decisions: the need for a balanced approach. Int J Stroke. 2018;13(2):117-20.

## SIBBALD, M.

Blissett S, Sibbald M, Kok E, van Merriënboer J. Optimizing self-regulation of performance: is mental effort a cue? Advances in Health Sciences Education. 2018;23(5):891-8.

Jolly S, Cairns J, Lavi S, Cantor W, Bernat I, Cheema AN, Moreno R, Kedev S, Stankovic G, Rao S. Thrombus aspiration in patients with high thrombus burden in the TOTAL trial. Journal of the American College of Cardiology. 2018;72(14):1589-96.

Lewis K, Martin L, Mazzetti A, Khalifa A, Geukers K, Sibbald M, et al. Implementation of a Progressive Three-Year Point of Care Ultrasound Curriculum for Internal Medicine Residents. Canadian Journal of General Internal Medicine. 2018;13(1):42-9.

Mehta S, Bainey K, Cantor W, Lordkipanidzé M, Marquis-Gravel G, Robinson SD, Sibbald M, So DY, et al. 2018 Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology focused update of the guidelines for the use of antiplatelet therapy. Canadian Journal of Cardiology. 2018;34(3):214-33.

Moayed Y, Posada J, Nesbitt G, Ross H, Bell C, Dorian P, Sibbald M. Avoiding clinical errors with bedside echocardiography: a randomized clinical study. Canadian Journal of Cardiology. 2018;34(1):88-91.

Stroud L, Sibbald M, Richardson D, McDonald-Blumer H, Cavalcanti R. Feedback Credibility in a Formative Postgraduate Objective Structured Clinical Examination: Effects of Examiner Type. Journal of graduate medical education. 2018;10(2):185-91.

## Book Chapter

de Bruin A, Sibbald M, Monteiro S. The Science of Learning. In: Understanding Medical Education: Evidence, Theory, and Practice. (Swanwick T, Forrest K, O'Brien B, Eds.). Wiley-Blackwell. pp.23-36, 2018.

## SKITCH, S.

Sharif S, Skitch S, Vlahaki D, Healey A. Point-of-care ultrasound to diagnose appendicitis in a Canadian emergency department. CJEM. 2018 Sep;20(5):732-5.

Skitch S, Engels PT. Acute management of the traumatically injured pelvis. Emergency Medicine Clinics 2018;36(1):161-79.

Skitch S, Tam B, Xu M, McInnis L, Vu A, Fox-Robichaud A. Examining the utility of the Hamilton early warning scores (HEWS) at triage: Retrospective pilot study in a Canadian emergency department. Canadian Journal of Emergency Medicine. 2018;20(2):266-74.

## SPENCER, F.

Schünemann HJ, Cushman M, Burnett AE, Kahn SR, Beyer-Westendorf J, Spencer FA, Rezende SM, Zakai NA, Bauer KA, Dentali F, Lansing J, Balduzzi S, Darzi A, Morgano GP, Neumann I, Nieuwlaar R, Yepes-Nuñez JJ, Zhang Y, Wiercioch W. American Society of Hematology 2018 guidelines for management of venous thromboembolism: prophylaxis for hospitalized and nonhospitalized medical patients. Blood Adv. 2018 Nov 27;2(22):3198-225.

## PUBLICATIONS

Kuijpers T, Spencer FA, Siemieniuk RAC, Vandvik PO, Otto CM, Lytvyn L, Mir H, Jin AY, Manja V, Karthikeyan G, Hoendermis E, Martin J, Carballo S, O'Donnell M, Vartdal T, Baxter C, Patrick-Lake B, Scott J, Agoritsas T, Guyatt G. Patent foramen ovale closure, antiplatelet therapy or anticoagulation therapy alone for management of cryptogenic stroke? A clinical practice guideline. *BMJ*. 2018 Jul 25;362:k2515.

Makam RCP, Hoaglin DC, McManus DD, Wang V, Gore JM, Spencer FA, Pradhan R, Tran H, Yu H, Goldberg RJ. Efficacy and safety of direct oral anticoagulants approved for cardiovascular indications: Systematic review and meta-analysis. *PLoS One*. 2018 May 24;13(5):e0197583.

Bikdeli B, Jiménez D, Kirtane AJ, Bracken MB, Spencer FA, Monreal M, Krumholz HM. Systematic review of efficacy and safety of retrievable inferior vena caval filters. *Thromb Res*. 2018 May;165:79-82.

Kearon C, Parpia S, Spencer FA, Baglin T, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid antibodies and recurrent thrombosis after a first unprovoked venous thromboembolism. *Blood*. 2018 May 10;131(19):2151-60.

### STEINBERG, G.

Desjardins EM, Steinberg GR. Emerging Role of AMPK in Brown and Beige Adipose Tissue (BAT): Implications for Obesity, Insulin Resistance, and Type 2 Diabetes. *Current Diabetes Reports*. 2018;18(10):80.

Madiraju AK, Qiu Y, Perry RJ, Rahimi Y, Zhang XM, Zhang D, Camporez, Cline GW, Kemp BE, Casais G, Steinberg GR, Vatner, Petersen KF, Shulman GI. Metformin Inhibits Gluconeogenesis by a Redox Dependent Mechanism In Vivo. *Nature Medicine*. 2018;24(9):1384-94.

Lepropre S, Kautbally S, Octave M, Onselaer M-B, Steinberg GR, Kemp BE, Hego A, Wéra O, Brouns S, Swieringa F, Giera M, Darley-Usmar VM, Ambroise J, Guigas B, Heemskerk J, Bertrand L, Oury C, Beauloye C, Horman S. Lack of Acetyl CoA Carboxylase Phosphorylation Potentiates Collagen-Induced Dense Granule Release and Thrombus Formation by Modulating Platelet Phospholipid Content. *Blood*. 2018;132(11):1180-92.

Hall DT, Ma JF, Omer A, Sanchez BJ, Griss T, Ford RJ, Marco SD, Steinberg GR, Jones RG, Gallouzi OE. The AMPK agonist AICAR, but not metformin, prevents inflammation-associated cachectic muscle wasting. *Embo Molecular Medicine*. 2018;10(7):e8307.

Ong F, Ahmed BA, Oreskovich SM, Blondin DP, Haq T, Konyer NB, Noseworthy MD, Haman F, Carpentier AC, Morrison KM, Steinberg GR. Recent advances in the detection of brown adipose tissue in adult humans: a review. *Clinical Science*. 2018;132(10):1039-54.

Esquejo RM, Salatto, Delmore, Albuquerque, Reyes, Moccia, Cokorinos, Peloquin, Monetti, Barricklow, Bollinger, Smith BK, Day EA, Nguyen, Geoghagan, Kreeger, Opsahl, Ward, Kalgutkar, Tess, Butler, Shirai, Steinberg GR, Birnbaum M, Cameron KO, Miller RA. Selective AMPK b1 activation with PF-06409577 corrects NAFLD and lowers LDL-C in rodent and primate preclinical models. *EbioMedicine*. 2018;31:122-32.

Tang GH, Satkunam M, Pond G, Steinberg GR, Blandino G, Schünemann HJ, Muti P. Association of metformin with breast cancer incidence and mortality in patients with type 2 diabetes: a GRADE assessed systematic review and meta-analysis. *Cancer Epidemiology, Biomarkers & Prevention*. 2018;27(6):627-35.

Galic S, Loh K, Murray-Segal L, Steinberg GR, Andrews ZB, Kemp BE. AMPK signaling to acetyl-CoA carboxylase is required for fasting- and cold-induced appetite but not thermogenesis. *ELife*. 2018;7:e32656.

Dial AG, Rooprai P, Lally JS, Bujak AL, Steinberg GR, and Ljubicic B. The role of AMP-activated protein kinase in the expression of the dystrophin-associated protein complex in skeletal muscle. *Faseb J*.

2018;32(6):2950-65.

Steinberg GR. Outstanding Scientific Achievement Lecture - Cellular Energy Sensing and Metabolism: Implications for Treating Diabetes. *Diabetes*. 2018;67(2):169-79.

### SURETTE, M.

Ooi CY, Syed SA, Rossi L, Garg M, Needham B, Avolio J, Young K, Surette MG, Gonska T. Impact of CFTR modulation with Ivacaftor on Gut Microbiota and Intestinal Inflammation. *Sci Rep*. 2018 Dec 13;8(1):17834.

Lamarche D, Johnstone J, Zytaruk N, Clarke F, Hand L, Loukov D, Szamosi JC, Rossi L, Schenck LP, Verschoor CP, McDonald E, Meade MO, Marshall JC, Bowdish DME, Karachi T, Heels-Ansell D, Cook DJ, Surette MG; PROSPECT Investigators; Canadian Critical Care Trials Group; Canadian Critical Care Translational Biology Group. Microbial dysbiosis and mortality during mechanical ventilation: a prospective observational study. *Respir Res*. 2018 Dec 7;19(1):245.

Whelan FJ, Rossi L, Stearns JC, Surette MG. Culture and Molecular Profiling of the Respiratory Tract Microbiota. *Methods Mol Biol*. 2018;1849:49-61.

Hayes CL, Dong J, Galipeau HJ, Jury J, McCarville J, Huang X, Wang XY, Naidoo A, Anbazhagan AN, Libertucci J, Sheridan C, Dudeja PK, Bowdish DME, Surette MG, Verdu EF. Commensal microbiota induces colonic barrier structure and functions that contribute to homeostasis. *Sci Rep*. 2018 Sep 21;8(1):14184.

Klein TA, Pazos M, Surette MG, Vollmer W, Whitney JC. Molecular Basis for Immunity Protein Recognition of a Type VII Secretion System Exported Antibacterial Toxin. *J Mol Biol*. 2018 Oct 19;430(21):4344-4358.

Kelly MS, Surette MG, Smieja M, Rossi L, Luinstra K, Steenhoff AP, Goldfarb DM, Pernica JM, Arscott-Mills T, Boiditswe S, Mazhani T, Rawls JF, Cunningham CK, Shah SS, Feemster KA, Seed PC. Pneumococcal Colonization and the Nasopharyngeal Microbiota of Children in Botswana. *Pediatr Infect Dis J*. 2018 Nov;37(11):1176-83.

Acosta N, Heirali A, Somayaji R, Surette MG, Workentine ML, Sibley CD, Rabin HR, Parkins MD. Sputum microbiota is predictive of long-term clinical outcomes in young adults with cystic fibrosis. *Thorax*. 2018 Nov;73(11):1016-25.

Faria MMP, Winston BW, Surette MG, Conly JM. Bacterial DNA patterns identified using paired-end Illumina sequencing of 16S rRNA genes from whole blood samples of septic patients in the emergency room and intensive care unit. *BMC Microbiol*. 2018 Jul 25;18(1):79.

Wallace JG, Potts RH, Szamosi JC, Surette MG, Sloboda DM. The murine female intestinal microbiota does not shift throughout the estrous cycle. *PLoS One*. 2018 Jul 16;13(7):e0200729.

Bernier SP, Son S, Surette MG. The Mia Pathway Plays an Essential Role in the Intrinsic Resistance of *Burkholderia cepacia* Complex Species to Antimicrobials and Host Innate Components. *J Bacteriol*. 2018 Aug 24;200(18):pii:e00156-18.

Woo TE, Lim R, Surette MG, Waddell B, Bowron JC, Somayaji R, Duong J, Mody CH, Rabin HR, Storey DG, Parkins MD. Epidemiology and natural history of *Pseudomonas aeruginosa* airway infections in non-cystic fibrosis bronchiectasis. *ERJ Open Res*. 2018 Jun 18;4(2):pii: 00162-2017.

Libertucci J, Dutta U, Kaur S, Jury J, Rossi L, Fontes ME, Shajib MS, Khan WI, Surette MG, Verdu EF, Armstrong D. Inflammation-related differences in mucosa-associated microbiota and intestinal barrier function in colonic Crohn's disease. *Am J Physiol Gastrointest Liver Physiol*. 2018 Sep 1;315(3):G420-G431.

Wang B, Hylwka T, Smieja M, Surette M, Bowdish DME, Loeb M. Probiotics to Prevent Respiratory Infections in Nursing Homes: A Pilot Randomized Controlled Trial. *J Am Geriatr Soc*. 2018 Jul;66(7):1346-52.

Thevaranjan N, Puchta A, Schulz C, Naidoo A, Szamosi JC, Verschoor



CP, Loukov D, Schenck LP, Jury J, Foley KP, Schertzer JD, Larché MJ, Davidson DJ, Verdú EF, Surette MG, Bowdish DME. Age-Associated Microbial Dysbiosis Promotes Intestinal Permeability, Systemic Inflammation, and Macrophage Dysfunction. *Cell Host Microbe*. 2018 Apr 11;23(4):570.

Jung TD, Jung PS, Raveendran L, Farbod Y, Dvorkin-Gheva A, Sakic B, Surette MG, Szechtman H. Changes in gut microbiota during development of compulsive checking and locomotor sensitization induced by chronic treatment with the dopamine agonist quinpirole. *Behav Pharmacol*. 2018 Apr;29(2 and 3-Spec Issue):211-24.

Yan A, Culp E, Perry J, Lau JT, MacNeil LT, Surette MG, Wright GD. Transformation of the Anticancer Drug Doxorubicin in the Human Gut Microbiome. *ACS Infect Dis*. 2018 Jan 12;4(1):68-76.

## TANG, D.

Wei F, Ojo D, Lin X, Wong N, He L, Yan J, Xu S, Major P, Tang D. Etoposide-induced DNA damage affects multiple cellular pathways. *Oncotarget*. 2018;9:24122-39.

Ojo D, Lin X, Wu Y, Cockburn J, Bane, A, Tang D. Polycarbonyl complex protein BMI1 confers resistance to tamoxifen in estrogen receptor positive breast cancer. *Cancer Letters*. 2018;426:4-13.

Gu Y, Chow MJ, Kapoor A, Mei W, Jiang Y, Yan J, De Melo J, Seliman M, Yang H, Cutz JC, Bonert M, Major P, Tang D. Biphasic Alteration of Butyrylcholinesterase (BChE) during Prostate Cancer Development. *Translational Oncology*. 2018;29:1012-22.

Mei W, Gu Y, Jiang Y, Major P, Tang D. Circulating cell-free DNA is a potential prognostic biomarker of metastatic castration-resistant prostate cancer for taxane therapy. *AME Medical Journal*. 2018;3:68.

Jiang Y, Mei W, Gu Y, Lin X, He L, Zeng H, Wei F, Wan X, Yang H, Major P, Tang D. Construction of a set of novel and robust gene expression signatures predicting prostate cancer recurrence. *Molecular Oncology*. 2018;12:1559-78.

Huang M, Zhang J, Xu H, Ding T, Tang D, Yuan Q, Tao L, Ye Z. The TGF $\beta$ -ERK pathway contributes to Notch3 upregulation in the renal tubular epithelial cells of patients with obstructive nephropathy. *Cellular Signalling*. 2018;51:139-51.

Gu Y, Lin X, Kapoor A, Mei W, Tang D. Attempt to predict early recurrence of prostate cancer following prostatectomy through machine learning. *AME Medical Journal*. 2018;3:96.

## TEO, K.

Zhang Z, Jones P, Weintraub WS, Mancini GBJ, Sedlis S, Maron DJ, Teo K, Hartigan P, Kostuk W, Berman D, Boden WE, Spertus JA. Predicting the benefits of percutaneous coronary intervention on 1-year angina and quality of life in stable ischemic heart disease. Risk models from the COURAGE Trial (Clinical Outcomes Utilizing Revascularization and Aggressive Drug Evaluation). *Circ Cardiovasc Qual Outcomes*. 2018 May;11(5):e003971.

Teo K, Yusuf S. Polypill variants (Quarter Pill trials). *Am J Hypertens*. 2018 Jun 11;31(7):758-61.

Murphy A, Palafox B, O'Donnell O, Stuckler D, Oerel P, AlHabib KF, Avezum A, Bai X, Chifamba J, Chow CK, Corsi DJ, Dagenais GR, Dans AL, Diaz R, Erbakan AN, Ismail N, Iqbal R, Kelishadi R, Khatib R, Lanas F, Lear SA, Li W, Liu J, Lopez-Jaramillo P, Mohan V, Monsef N, Mony PK, Puone T, Rangarajan S, Rosengren A, Schulte AE, Sinataha M, Teo KK, Wielgosz A, Yeates K, Yin L, Yusuf K, Zatonka K, Yusuf S, McKee M. Inequalities in the use of secondary prevention of cardiovascular disease by socioeconomic status: evidence from the PURE observational study. *Lancet Glob Health*. 2018 Mar;6(3):e292-e301.

Chow CK, Ramasundarahettige C, Hu W, Alhabib KF, Avezum Jr A, Cheng X, Chifamba J, Dagenais G, Dans A, Egubjie BA, Gupta R, Iqbal R, Ismail N, Keskinler MV, Khatib R, Kruger L, Kumar R, Lanas F, Lear

S, Lopez-Jaramillo P, McKee M, Mohammadifard N, Mohan V, Mony P, Orlandini A, Rosengren A, Vijayakumar K, Li W, Yeates K, Yusuf K, Yusuf R, Yusufali A, Zatonka K, Zhou Y, Islam S, Corsi D, Rangarajan S, Teo K, Gerstein HC, Yusuf S, on behalf of The PURE Investigators. Availability and affordability of essential medicines for diabetes across high-income, middle income, and low income countries: a prospective epidemiological study. *Lancet Diabetes Endocrinol*. 2018 Oct;6(10):798-808.

Karmali KN, Lloyd-Jones DM, van der Leeuw J, Goff DC Jr, Yusuf S, Zanchetti A, Glasziou P, Jackson R, Woodward M, Rodgers A, Neal BC, Berge E, Teo K, Davis BR, Chalmers J, Pepine C, Rahimi K, Sundstrom J, Blood Pressure Lowering Treatment Trialists' Collaboration. Blood pressure-lowering treatment strategies based on cardiovascular risk versus blood pressure: A meta-analysis of individual participant data. *PLoS Med* 2018 (Mar 20);15(3):e1992538.

Mente A, O'Donnell M, Rangarajan S, McQueen M, Dagenais G, Wielgosz A, Lear S, AH STL, Wei L, Dias R, Avezum A, Lopez-Jaramillo P, Lanas F, Mony P, Szuba A, Iqbal R, Yusuf R, Mohammadifard N, Khatib R, Yusuf K, Ismail N, Gulec S, Rosengren A, Yusufali A, Kruger L, Tsolokile LP, Chifamba J, Dans A, Al-Habib KF, Yeates K, Teo K, Yusuf S. Urinary sodium excretion, blood pressure, cardiovascular disease, and mortality. A community-level prospective epidemiological cohort study. *Lancet* 2018 Aug 11;392(10146):496-506.

Dehghan M, Menté A, Rangarajan S, Sheridan P, Mohan V, Iqbal R, Gupta R, Lear S, Wentzel-Viljoen E, Avezum A, Lopez-Jaramillo P, Mony P, Varma RP, Kumar R, Chifamba J, Al-Habib KF, Mohammadifard N, Oguz A, Lanas F, Rozanska D, Bostrom KB, Yusuf K, Tsolokile LP, Dans A, Yusufali A, Orlandini A, Poirier P, Khatib R, Hu B, Wei L, Yin L, Deerali A, Yeates K, Yusuf R, Ismail N, Mozaffarian D, Teo K, Anand SS, Yusuf S; Prospective Urban Rural Epidemiology (PURE) study investigators. Association of dairy intake with cardiovascular disease and mortality in 21 countries from five continents (PURE): a prospective cohort study. *Lancet*. 2018 Nov 24;392(10161):2288-91.

Karthikeyan G, Devasenapathy N, Zuhlke L, Engel ME, Rangarajan S, Teo KK, Mayosi BM, Yusuf S: Global Rheumatic Heart Disease Registry (REMEDI) investigators. Digoxin and clinical outcomes in the Global Rheumatic Heart Disease Registry. *Heart*. 2018 Sep 12; Pii:Heart BMJ-2018313614.

Wang C, Bangdiwala SI, Rangarajan S, Lear SA, Al-Habib KF, Mohan V, Teo K, Poirier P, Tze LA, Liu Z, Rosengren A, Kumar R, Lopez-Jaramillo P, Yusuf K, Monsef N, Krishnapillai V, Ismail N, Seron P, Dans AL, Krugger L, Yeates K, Leach L, Yusuf R, Orlandini A, Wolyniec M, Bahonar A, Mohan I, Khatib R, Temizhan A, Li W, Yusuf S. Association of estimated sleep duration and naps with mortality and cardiovascular events: a study of 116,632 people from 21 countries. *Eur Heart J*. 2019 May 21;40(20):1620-9. Epub 2018 Dec 5.

Maron DJ, Mancini GBJ, Hartigan PM, Spertus JA, Sedlis SP, Kostuk WJ, Brman DS, Teo KK, Weintraub WS, Boden WE; COURAGE Trial Group. Healthy behavior, risk factor control, and survival in the COURAGE Trial. *J Am Coll Cardiol*. 2018 Nov 6;72(19):2297-305.

Joseph P, Pais P, Dans AL, Bosch J, Xavier D, Lopez-Jaramillo P, Yusuf K, Santoso A, Talukder S, Gamra H, Yeates K, Lopez PC, Tyrwhitt J, Gao P, Teo K, Yusuf S; TIPS-3 Investigators. The International Polycap Study-3 (TIPS-3): Design, baseline characteristics and challenges in conduct. *Am Heart J*. 2018 Dec;206:72-9.

Böhm M, Schumacher H, Teo KK, Lonn E, Mahfoud F, Mann JFE, Mancia G, Redon J, Schmieder R, Weber M, Sliwa K, Williams B, Yusuf S. Achieved diastolic blood pressure and pulse pressure at target systolic blood pressure (120-140 mmHg) and cardiovascular outcomes in high-risk patients: results from ONTARGET and TRANSCEND trials. *Eur Heart J*. 2018 Sep 1;39(33):3105-14.

## UPADHYE, S.

Chen E, Tsou D, Upadhye S, Chan TM. The Acute Care of Chronic Pain Study: Perceptions of Acute Care Providers on Chronic Pain, a Social Media-based Investigation. *Cureus*. 2018 Mar 30;10(3):e2399.

## PUBLICATIONS

Upadhye S, Kumbhare D. Potential Harms With Long-Term Glucocorticoid Use. *Am J Phys Med Rehabil*. 2018 Jan;97(1):72-4.

Upadhye S. Creating opioid dependence in the emergency department. *CJEM*. 2018 Jan;20(1):100-3.

Stiell I, Scheuermeyer F, Vadeboncoeur A, Angaran P, et al. CAEP Acute Atrial Fibrillation/Flutter Best Practices Checklist. *Cad J of Emerg Med*. 2018;(20):334-42.

Upadhye S, Worster A, Valani R. Relevance of opioid guidelines in the emergency room (ROGER). *The American Journal of Emergency Medicine*. *American Journal of Emergency Medicine*. *Am J Emerg Med*. 2019 Mar;37(3):538-9. Epub 2018 Jul 12.

Bazak SJ, Sherbino J, Upadhye S, Chan T. Ascertaining top evidence in emergency medicine: A modified Delphi study. *CJEM*. 2019 Mar;21(2):291-5. Epub 2018 Jun 21.

Stiell I, Scheuermeyer F, Vadeboncoeur A, Angaran P, Eagles D, Graham I, Atzema C, Archambault P, Tebbenham T, de Wit K, McRae A, Cheung W, Deyell M, Baril G, Mann R, Sahsi R, Upadhye S, Clement C, Brinkhurst J, Chabot C, Gibbons D, Skanes A. CAEP Acute Atrial Fibrillation/Flutter Best Practices Checklist. *CJEM*. 2018;20(3):334-42.

### VALANI, R.

Upadhye S, Worster A, Valani R. Relevance of opioid guidelines in the emergency room (ROGER). *The American Journal of Emergency Medicine*. *American Journal of Emergency Medicine*. *Am J Emerg Med*. 2019 Mar;37(3):538-9. Epub 2018 Jul 12.

Salehi L, Phalpher P, Valani R, Meaney C, Ferrari K, Amin Q, Mercuri M. Emergency Department Boarding: A Descriptive Analysis and Measurement of Impact on Outcomes. *Canadian Journal of Emergency Medicine*. 2018;20(3):420-4.

### Book

Valani R. *Essentials of Pediatric Emergency Medicine*. Brush Education. 2018.

### Book Chapters

Valani R. Airway Management. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Ataxia. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Pneumothorax. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Osteomyelitis. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Hereditary bleeding disorders. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Tumor lysis syndrome. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Superior vena cava obstruction. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Malaria. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Acute gastroenteritis. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Penile injuries. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Cervical spine trauma and injuries. In: *Essentials of Pediatric*

*Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Abdominal trauma. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Valani R. Electrical injuries. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Khatri V, Valani R. Pediatric fever. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Khatri V, Valani R. Myasthenia gravis. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Khatri V, Valani R. Guillain Barre Syndrome. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Eltorki M, Valani R. Constipation. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

Masud F, Valani R. Gastroesophageal reflux. In: *Essentials of Pediatric Emergency Medicine*. (Valani R, editor) Brush Education. 2018.

### VALETTAS, N.

Bossard M, Lavi S, Rao SV, Cohen DJ, Cantor WJ, Bainey KR, Valettas N, Jolly SS, Mehta SR. Heparin use for diagnostic cardiac catheterization with a radial artery approach: An international survey of practice patterns. *Catheter Cardiovasc Interv*. 2018 Nov 1;92(5):854-9.

Mir H, Alhusein M, Alrashidi S, Alzayer H, Alshatti A, Valettas N, Mukherjee SD, Nair V, Leong DP. Cardiac Complications Associated With Checkpoint Inhibition: A Systematic Review of the Literature in an Important Emerging Area. *Can J Cardiol*. 2018 Aug;34(8):1059-68.

Sheth T, Natarajan MK, Hsieh V, Valettas N, Rokoss M, Mehta S, Jolly S, Tandon V, Bezerra H, Devoreaux PJ. Incidence of thrombosis in perioperative and non-operative myocardial infarction. *Br J Anaesth*. 2018 Apr;120(4):725-33.

Allahwala UK, Jolly SS, Džavík V, Cairns JA, Kedev S, Balasubramanian K, Stankovic G, Moreno R, Valettas N, Bertrand O, Lavi S, Velianou JL, Sheth T, Meeks B, Brilakis ES, Bhindi R. The Presence of a CTO in a Non-Infarct-Related Artery During a STEMI Treated With Contemporary Primary PCI Is Associated With Increased Rates of Early and Late Cardiovascular Morbidity and Mortality: The CTO-TOTAL Substudy. *JACC Cardiovasc Interv*. 2018 Apr 9;11(7):709-11.

### VERDU, E.

Ivarsson ME, Durantie E, Huberli C, Huwiler S, Hegde C, Friedman J, Altamura F, Lu J, Verdu EF, Bercik P, Logan SM, Chen W, Leroux JC, Castagner B. Small-molecule allosteric triggers of *Clostridium difficile* toxin B auto-proteolysis as a therapeutic strategy. *Cell Chem Biol*. 2018 Oct 18;pii:S2451-9456(18)30334-9.

Hayes CL, Dong J, Galipeau H, Jury J, McCarville J, Huang X, Wang XY, Naidoo A, Anbazhagan AN, Libertucci J, Sheridan C, PK Dudeja, Bowdish DME, Surette MG, Verdu EF. Commensal microbiota induces colonic barrier structure and functions that contribute to homeostasis. *Sci Rep*. 2018 Sep 21;8(1):14184.

Libertucci J, Dutta U, Kaur S, Jury J, Rossi L, Fontes ME, Shajib MS, Khan WI, Surette MG, Verdu EF, Armstrong D. Inflammation-related differences in mucosa-associated microbiota and intestinal barrier function in colonic Crohn's disease. *Am J Physiol Gastrointest Liver Physiol*. 2018 1;315(3):G420-G431.

Meisel M, Hinterleitner R, Pacis A, Chen L, Earley Z, Mayassi T, Pierre J, Ernest J, Galipeau H, Thuille N, Bouziat R, Buscarlet M, Ringus D, Wang Y, Li Y, Dinh V, Kim S, McDonald B, Zurenski M, Musch M, Furtado GC, Lira S, Baier G, Chang E, Eren A, Weber C, Busque L, Godley L, Verdu EF, Luis Barreiro, Jabri B. Microbial dependent inflammation drives pre-leukemic myeloproliferation in a Tet2 deficient host. *Nature*. 2018 May;557(7706):580-4.

Miranda PM, De Palma G, Serkis V, Lu J, Louis-Auguste MP, McCarville JL, Verdu EF, Collins SM, Bercik P. High salt diet exacerbates colitis in mice by decreasing *Lactobacillus* levels and butyrate production. *Microbiome*. 2018 Mar 22;6(1):57.

Pinto-Sanchez MI, Verdu EF. Non-celiac gluten or wheat sensitivity: It's complicated! *Neurogastroenterol Motil*. 2018 Aug;30(8):e13392.

Verdu EF, Danska J. Common ground: Shared risk factors for type 1 diabetes and celiac disease. *Nature Immunol* 2018 Jul;19(7):685-95.

## VLAHAKI, D.

Sharif S, Skitch S, Vlahaki D, Healey A. Point-of-care ultrasound to diagnose appendicitis in a Canadian emergency department. *CJEM*. 2018 Sep;20(5):732-57.

## WEITZ, J.

Raskob GE, van Es N, Verhamme P, Carrier M, DiNisio M, Garcia D, Grosso MA, Kakkar AJ, Kovacs MJ, Mercuri MF, Meyer G, Segers A, Shi M, Wang T-F, Yeo E, Zhang G, Zwicker JI, Weitz JI, Buller HR, for the Hokusai VTE Cancer Investigators. Edoxaban for the treatment of cancer-associated venous thromboembolism. *New England Journal of Medicine*. 2018;378(7):615-24.

Vanassche T, Verhamme P, Wells PS, Segers A, Ageno W, Brekelmans MPA, Chen CZ, Cohen AT, Grosso MA, Medina AP, Mercuri MF, Winters SM, Zhang G, Weitz JI, Raskob GE, Buller HR. Impact of age, comorbidity, and polypharmacy on the efficacy and safety of edoxaban for the treatment of venous thromboembolism: An analysis of the randomized, double-blind Hokusai-VTE trial. *Thrombosis Research*. 2018;162:7-14.

Weitz JI, Fredenburgh JC. 2017 Scientific Sessions Sol Sherry Distinguished lecture in Thrombosis: Factor XI as a Target for New Anticoagulants. *Arteriosclerosis, Thrombosis and Vascular Biology*. 2018;38(2):304-10.

Levy JH, Moore KT, Neal MD, Schneider D, Marcossin VS, Ariyawansa J, Weitz JI. Rivaroxaban reversal with prothrombin complex concentrate or tranexamic acid in healthy volunteers. *Journal of Thrombosis and Haemostasis*. 2018;16(1):54-64.

Chan NC, Gross PL, Weitz JI. Addressing the burden of hospital related venous thromboembolism: The role of extended anticoagulant prophylaxis. *Journal of Thrombosis and Hemostasis*. 2018;16(3):413-7.

Prins M, Lensing AWA, Prandoni P, Wells PS, Verhamme P, Beyer-Westendorf J, Bauersachs R, Bounameaux H, Brighton TA, Cohen AT, Davidson BL, Decousus H, Kakkar AJ, van Bellen B, Pap AF, Homering M, Tamm M, Weitz JI. Risk of recurrent venous thromboembolism according to baseline risk factor profiles. *Blood Advances*. 2018;2(7):788-96.

Andrade JG, Meseguer E, Didier R, Dussault C, Weitz JI. Non-vitamin K antagonist oral anticoagulants in atrial fibrillation patients with bioprosthetic valves. *Expert Review of Cardiovascular Therapy*. 2018;16(6):413-8.

Kearon C, Parpia S, Spencer FA, Baglin TP, Stevens SM, Bauer KA, Lentz SR, Kessler CM, Douketis JD, Moll S, Kaatz S, Schulman S, Connors JM, Ginsberg JS, Spadafora L, Bhagirath V, Liaw PC, Weitz JI, Julian JA. Antiphospholipid antibodies and recurrent thrombosis after a first unprovoked venous thromboembolism. *Blood*. 2018;131(19):2151-60.

Chatterjee P, Weitz JI. Assessment and management of gastrointestinal hemorrhage in the setting of direct oral anticoagulants: The hematology perspective. *American Journal of Gastroenterology Supplements*. 2018;3:29-35.

Khorana AK, Weitz JI. Treatment challenges in venous thromboembolism – an appraisal of rivaroxaban studies. *Thrombosis and Haemostasis*. 2018;118(Suppl 1):S23-S33.

Douketis JD, Murphy SA, Antman EM, Grip LT, Mercuri MF, Ruff CT, Weitz JI, Braunwald E, Giugliano. Perioperative adverse outcomes after an elective operation in patients with atrial fibrillation taking warfarin or edoxaban: Analysis of the ENGAGE AF-TIMI 48 Trial. *Thrombosis and Haemostasis*. 2018;118:1001-8.

Prandoni P, Lensing AWA, Prins M, Gebel M, Pap AF, Homering M, Bauersachs R, Beyer-Westendorf J, Bounameaux H, Cohen AT, Davidson BL, van Bellen B, Verhamme P, Wells PS, Levitan B, Weitz JI. Benefits and risks of extended treatment of venous thromboembolism with rivaroxaban or with aspirin. *Thrombosis Research*. 2018;168:121-9.

Kraaijpoel N, Di Nisio M, Mulder FI, van Es N, Beyer-Westendorf J, Carrier M, Garcia D, Grosso M, Kakkar AJ, Mercuri MF, Middeldorp S, Hernandez CR, Santamaria A, Schwocho L, Segers A, Verhamme P, Wang T-F, Weitz JI, Zhang G, Zwicker JI, Buller HR, Raskob GE. Clinical impact of bleeding in cancer-associated venous thromboembolism: results from the Hokusai VTE cancer study. *Thrombosis and Haemostasis*. 2018;118(8):1439-49.

Weitz JI, Chan N. Antiplatelet therapy in the management of atherothrombosis: Recent clinical advances. *Blood Advances*. 2018;2(14):1806.

ten Cate H, Lensing AWA, Weitz JI, Middeldorp S, Beyer-Westendorf J, Kubitz D, Brighton T, Raskob GE, Mismetti P, Prandoni P, Gebel M, Prins MH. The prothrombin time does not predict the risk of recurrent venous thromboembolism or major bleeding in rivaroxaban-treated patients. *Thrombosis Research*. 2018;170:75-83.

Weitz JI, Earl KM, Leblanc K, Semchuk W, Jamali F. Establishing therapeutic equivalence of complex pharmaceuticals: The case of dabigatran. *Canadian Journal of Cardiology*. 2018;34(9):1116-9.

Hart RG, Sharma M, Mundl H, Kasner SE, Bangdiwala SI, Berkowitz SD, Swaminathan B, Lavados P, Wang Y, Wang Y, Davalos A, Shamalov N, Mikulik R, Cunha L, Lindgren A, Arauz A, Lang W, Czlonkowska A, Eckstein J, Gagliardi RJ, Amarenco P, Ameriso SF, Tatlisumak T, Veltkamp R, Hankey GJ, Toni D, Bereczki D, Uchiyama S, Ntaios G, Yoon B-W, Brouns R, Endres M, Muir KW, Bornstein N, Ozturk S, O'Donnell MJ, De VriesBasson MM, Pare G, Pater C, Kirsch B, Sheridan P, Peters G, Weitz JI, Peacock WF, Shoamanesh A, Benavente OR, Joyner C, Themeles E, Connolly SJ, on behalf of the NAVIGATE ESUS Investigators. Rivaroxaban for stroke prevention after embolic stroke of undetermined source. *New England Journal of Medicine*. 2018;378(23):2191-201.

Roth A, Maciejewski J, Nishimura J-I, Jain D, Weitz JI. Screening and diagnostic clinical algorithm for paroxysmal nocturnal hemoglobinuria: Expert consensus. *European Journal of Haematology*. 2018;101(1):3-11.

Levy J, Douketis J, Weitz JI. Reversal agents for non-vitamin K antagonists oral anticoagulants (NOACs). *Nature Reviews Cardiology*. 2018;15(5):273-81.

Spyropoulos AC, Ageno W, Albers GW, Elliott CG, Halperin JL, Hiatt WR, Maynard GA, Steg PG, Weitz JI, Suh E, Spiro TE, Barnathan ES, Raskob GE; MARINER Investigators. Rivaroxaban for thromboprophylaxis after hospitalization for medical illness. *New England Journal of Medicine*. 2018;379(12):1118-27.

Andrade JG, Meseguer E, Didier R, Dussault C, Weitz JI. Non-vitamin K antagonist oral anticoagulants in atrial fibrillation patients with bioprosthetic valves. *Expert Review of Cardiovascular Therapy*. 2018;May 23:1-8.

Henderson SJ, Weitz JI, Kim PY. Fibrinolysis: Strategies to enhance the treatment of acute ischemic stroke. *Journal of Thrombosis and Haemostasis*. 2018;16(10):1932-40.

Yin O, Antman E, Braunwald E, Mercuri M, Miller R, Morrow D, Ruff C, Truitt K, Weitz JI, Giugliano R. Linking endogenous factor Xa activity, a biologically relevant pharmacodynamics marker, to edoxaban plasma concentrations and clinical outcomes in the ENGAGE AF-TIMI 48 trial. *Circulation*. 2018;138(18):1963-73.



## PUBLICATIONS

Kasner SE, Lavados P, Sharma M, Wang Y, Wang Y, Dávalos A, Shamalov N, Cunha L, Lindgren A, Mikulik R, et al, on behalf of the NAVIGATE-ESUS Steering Committee and Investigators. Characterization of patients with embolic strokes of undetermined source in the NAVIGATE ESUS randomized trial. *Journal of Stroke and Cardiovascular Disease*. 2018;27(6):1673-82.

Willmann S, Zhang L, Mayer H, Siegmund H-U, Tanigawa T, Kaneko M, Peters G, Weitz JI, Berkowitz SD, Burghaus R. Comment on model-based meta-analysis to evaluate optimal doses of direct oral factor Xa inhibitors in atrial fibrillation patients. *Blood Advances*. 2018;2(22):3193-5.

Ni R, Vaezzadeh N, Zhou J, Weitz JI, Cattaneo M, Gross P. The effect of different doses of acetylsalicylic acid on the antithrombotic activity of clopidogrel in a mouse arterial thrombosis model. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2018;38(10):2338-44.

Badv M, Imani SM, Weitz JI, Didar TF. Lubricant-infused surfaces with built-in functional biomolecules exhibit simultaneous repellency and tunable cell adhesion. *ACS Nano*. 2018;12(11):10890-902.

Kasner SE, Swaminathan B, Lavados P, Sharma M, Muir K, Veltkamp R, Ameriso SF, Endres M, Lutsep H, Messe SR, Spence JD, Nedeltechev K, Perera K, Santo G, Olavarria V, Lindgren A, Bangdiwala S, Shoamanesh A, Berkowitz SD, Mundt H, Connolly SJ, Hart RG; NAVIGATE-ESUS Investigators. Rivaroxaban or aspirin for patent foramen ovale and embolic stroke of undetermined source: a prespecified subgroup analysis from the NAVIGATE ESUS trial. *Lancet Neurology*. 2018;17(12):1053-60.

### Book Chapters

Weitz JI. Hemostasis, Thrombosis, Fibrinolysis and Cardiovascular Disease. In: Braunwald's Heart Disease (11th Edition). (D. Zipes, P. Libby, R. Bonow, D. Mann, G. Tomaselli, and E. Braunwald Eds.). Elsevier, pp. 1822-1846, 2018.

Jaffer IH, Weitz JI. Anticoagulant drugs. In: Rutherford's Vascular Surgery and Endovascular Therapy (9th Edition). (A.N. Sidawy & B.A. Perler Eds.). Elsevier, pp. 497-509, 2018.

Weitz JI. The NOACs: Clinical Pharmacology. In: ESC Textbook of Cardiovascular Medicine (ESC CardioMed) (3rd Edition). (A.J. Camm, T.F. Luscher, G. Maurer, P.W. Serruys Eds.). Oxford University Press, pp. 1-19, 2018.

### WELSFORD, M.

Mercuri M, Connolly K, Natarajan MK, Welsford M, Schwalm JD. Barriers to the use of Emergency Medical Services for ST-Elevation Myocardial Infarction: Determining why many patients opt for self-transport. *Journal of Evaluation in Clinical Practice*. 2018;24(2):375-9.

Soar J, Donnino MW, Maconochie I, Welsford M, Hazinski MF, Nolan JP, Morley PT, and ILCOR Collaborators. 2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations Summary. *Circulation*. 2018;138(23):e714-e730.

Soar J, Donnino MW, Maconochie I, Welsford M, Hazinski MF, Nolan JP, Morley PT, and ILCOR Collaborators. 2018 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations Summary. *Resuscitation*. 2018;133:194-206.

Kleinmann ME, Perkins GD, Bhanji F, Billi JE, Bray J, Callaway CW, de Caen A, Finn J, Hazinski MF, Lim SH, Maconochie I, Nadkarni V, Neumar R, Nikolaou N, Nolan JP, Reis A, Sierra AF, Singletary EM, Soar J, Standon D, Travers A, Welsford M, Zideman D. ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. *Circulation*. 2018 137(22):e802-e819.

Kleinmann ME, Perkins GD, Bhanji F, Billi JE, Bray J, Callaway CW, de Caen A, Finn J, Hazinski MF, Lim SH, Maconochie I, Nadkarni V, Neumar R, Nikolaou N, Nolan JP, Reis A, Sierra AF, Singletary EM, Soar J, Standon D, Travers A, Welsford M, Zideman D. ILCOR Scientific Knowledge Gaps and Clinical Research Priorities for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care: A Consensus Statement. *Resuscitation*. 2018; 127:132-46.

Welsford M, Belley-Côté EP. Emergent coronary angiography post arrest – Do observational studies provide enough evidence for strong recommendations? *Resuscitation*. 2018;123:A5-A6.

Welsford M, Bossard M, Shortt C, Pritchard J, Natarajan MK, Belley-Côté EP. Does Early Coronary Angiography Improve Survival After Out-of-Hospital Cardiac Arrest? A Systematic Review with Meta-Analysis. *Canadian Journal of Cardiology*. 2018;34(2):180-94.

### Book Chapters

Welsford M. Sympathetic Crashing Acute Pulmonary Edema (SCAPE). In: The Resuscitation Crisis Manual. (Weingart S, Borshoff D, Eds.), Leeuw Press, 2018.

### WERSTUCK, G.

Dang VT, Zhong LH, Huang A, Werstuck GH. Glycosphingolipid-induced oxidative stress and inflammation contribute to the pathogenesis of hyperglycemia-induced atherosclerosis. *Metabolomics*. 2018 Jul 3;14(7):92.

Huang A, Patel S, McAlpine CS, Werstuck GH. The Role of Endoplasmic Reticulum Stress - Glycogen Synthase Kinase-3 Signaling in Atherogenesis. *Int J Mol Sci*. 2018 May 30;19(6):pii:E1607.

Dang V, Werstuck GH. Metabolomics in the discovery of novel biomarkers and therapeutic targets for atherosclerotic cardiovascular diseases. *Cardiovascular & Hematological Disorders - Drug Targets*. 2018;18:166-75.

Venegas-Pino DE, Lagrotteria A, Wang PE, Clapdorp C, Shi Y, Werstuck GH. Evidence of Extensive Atherosclerosis, Coronary Artery Disease and Myocardial Infarction in the ApoE<sup>-/-</sup>/Ins2<sup>+/+</sup>/Akita Mouse Fed a Western Diet. *Atherosclerosis*. 2018;275:88-96.

### WORSTER, A.

Kavsak PA, Ainsworth C, Arnold DM, Scott T, Clark L, Ivica J, Mackett K, Whitlock R, Worster A. The potential role of a turbidimetric heart-type fatty acid-binding protein assay to aid in the interpretation of persistently elevated, non-changing, cardiac troponin I concentrations. *Clin Biochem*. 2018;58:53-9.

Kavsak PA, Neumann JT, Cullen L, Than M, Shortt C, Greenslade JH, Pickering JW, Ojeda F, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Westermann D, Sørensen NA, Parsonage WA, Griffith L, Mehta SR, Devereaux PJ, Richards M, Troughton R, Pemberton C, Aldous S, Blankenberg S, Worster A. Clinical chemistry score versus high-sensitivity cardiac troponin I and T tests alone to identify patients at low or high risk for myocardial infarction or death at presentation to the emergency department. *CMAJ*. 2018;190:E974-E984.

Upadhye S, Worster A, Valani R. Relevance of opioid guidelines in the emergency room (ROGER). *The American Journal of Emergency Medicine*. *American Journal of Emergency Medicine*. Am J Emerg Med. 2019 Mar;37(3):538-9. Epub 2018 Jul 12.

Sanger N, Shahid H, Dennis BB, Hudson J, Marsh D, Sanger S, Worster A, et al. Identifying patient-important outcomes in medication-assisted treatment for opioid use disorder patients: a systematic review protocol. *BMJ Open*. 2018 Dec 4;8(12):e025059.

EDUCATE Investigators. Novel educational program improves readiness to manage intimate partner violence within the fracture clinic: a pretest-posttest study. *CMAJ Open*. 2018 Dec 18;6(4):E628-E636.

Kavsak PA, Worster A, Hill SA, Jaffe AS. Evaluation of the Siemens ADVIA Centaur high-sensitivity cardiac troponin I assay in serum. *Clin Chim Acta*. 2018 Dec;487:216-21.

Tiede A, Worster A. Lessons from a systematic literature review of the effectiveness of recombinant factor VIIa in acquired haemophilia. *Ann Hematol*. 2018 Oct;97(10):1889-901.

Kavsak PA, Andruchow JE, McRae AD, Worster A. Profile of Roche's Elecsys Troponin T Gen 5 STAT blood test (a high-sensitivity cardiac troponin assay) for diagnosing myocardial infarction in the emergency department. *Expert Rev Mol Diagn*. 2018 Jun;18(6):481-9.

Kessler CM, Benchikh El Fegoun S, Worster A. Methodologies for data collection in congenital haemophilia with inhibitors (CHWI): critical assessment of the literature and lessons learned from recombinant factor VIIa. *Haemophilia*. 2018 Jul;24(4):536-47.

Kavsak PA, Worster A, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Griffith LE, Mehta SR, McRae AD, Devereaux PJ. Performance of high-sensitivity cardiac troponin in the emergency department for myocardial infarction and a composite cardiac outcome across different estimated glomerular filtration rates. *Clin Chim Acta*. 2018;479:166-70.

## YUSUF, S.

Joseph P, Lonn E, Bosch J, Lopez P, Zhu J, Keltai M, Dans A, Reid C, Khunti K, Toff W, Piegas L, Kim JH, Swaminathan B, Bohm M, Yusuf S; HOPE-3 Investigators. Long-term effects of statins, blood pressure-lowering, and both on erectile function in persons at intermediate risk for cardiovascular disease: a substudy of the Heart Outcomes Prevention Evaluation-3 (HOPE-3) randomized controlled trial. *Can J Cardiol*. 2018;34(1):38-44.

Gravely S, Nyamurungi KN, Kabwama SN, Okello G, Robertson L, Heng KKC, Ndikum AE, Oginni AS, Rusatira JC, Kakoulides S, Huffman MD, Yusuf S, Bianco E. Knowledge, opinions and compliance related to the 100% smoke-free law in hospitality venues in Kampala, Uganda: cross-sectional results from the KOMPLY Project. *BMJ Open*. 2018;8(1):e017601.

Elmariah S, Doros G, Benavente OR, Bhatt DL, Connolly SJ, Yusuf S, Steinhilb SR, Liu Y, Hsieh WH, Yeh RW, Mauri L. Impact of clopidogrel therapy on mortality and cancer in patients with cardiovascular and cerebrovascular disease: a patient-level meta-analysis. *Circ Cardiovasc Interv*. 2018;11(1):e005795.

Khan M, Lamelas P, Musa H, Paty J, McCready T, Nieuwlaar R, Ng E, Lopez-Jaramillo P, Lopez-Lopez J, Yusoff K, Majid FA, Ng KK, Garis L, Onuma O, Yusuf S, Schwalm JD. Development, testing and implementation of a training curriculum for Nonphysician Health Workers to reduce cardiovascular disease. *Glob Heart*. 2018 Jun;13(2):93-100.

Kruger PC, Eikelboom JW, Yusuf S. Rivaroxaban with or without aspirin for prevention of cardiovascular disease. *Coron Artery Dis*. 2018 Aug;29(5):361-5.

Duceppe E, Yusuf S, Tandon V, Rodseth R, Biccard BM, Xavier D, Szczeklik W, Meyhoff CS, Franzosi MG, Vincent J, Srinathan SK, Parlow J, Magloire P, Neary J, Rao M, Chaudhry NK, Mayosi B, de Nadal M, Popova E, Villar JC, Botto F, Berwanger O, Guyatt G, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Connolly SJ, Sharma M, Bangdiwala SI, Devereaux PJ. Design of a randomized placebo-controlled trial to assess dabigatran and omeprazole in patients with myocardial injury after noncardiac surgery (MANAGE). *Can J Cardiol*. 2018;34(3):295-302.

Lund LH, Claggett B, Liu J, Lam CS, Jhund PS, Rosano GM, Swedberg K, Yusuf S, Granger CB, Pfeffer MA, McMurray JJV, Solomon SD. Heart failure with mid-range ejection fraction in CHARM: characteristics, outcomes and effect of candesartan across the entire ejection fraction spectrum. *Eur J Heart Fail*. 2018 Aug;20(8):1230-9.

Murphy A, Palafox B, O'Donnell O, Stuckler D, Perel P, AlHabib KF,

Avezum A, Bai X, Chifamba J, Chow CK, Corsi DJ, Dagenais GR, Dans AL, Diaz R, Erbakan AN, Ismail N, Iqbal R, Kelishadi R, Khatib R, Lanus F, Lear SA, Li W, Liu J, Lopez-Jaramillo P, Mohan V, Monsef N, Mony PK, Puoane T, Rangarajan S, Rosengren A, Schutte AE, Sintaha M, Teo KK, Wielgosz A, Yeates K, Yin L, Yusoff K, Zatonska K, Yusuf S, McKee M. Inequalities in the use of secondary prevention of cardiovascular disease by socioeconomic status: evidence from the PURE observational study. *Lancet Glob Health*. 2018;6(3):e292-e301.

Sjaarda J, Gerstein HC, Yusuf S, Treleaven D, Walsh M, Mann JFE, Hess S, Paré G. Blood HER2 and uromodulin as causal mediators of CKD. *J Am Soc Nephrol*. 2018;29(4):1326-35.

Malik R, Chauhan G, Traylor M, Sargurupremraj M, Okada Y, Mishra A, Rutten-Jacobs L, Giese AK, van der Laan SW, Gretarsdottir S, et al; AFGen Consortium; Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium; International Genomics of Blood Pressure (iGEN-BP) Consortium; INVENT Consortium; STARNET; BioBank Japan Cooperative Hospital Group; COMPASS Consortium; EPIC-CVD Consortium; EPIC-InterAct Consortium; International Stroke Genetics Consortium (ISGC); METASTROKE Consortium; Neurology Working Group of the CHARGE Consortium; NINDS Stroke Genetics Network (SiGN); UK Young Lacunar DNA Study; MEGASTROKE Consortium; MEGASTROKE Consortium: Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nat Genet*. 2018 Apr;50(4):524-37.

Anand SS, Caron F, Eikelboom JW, Bosch J, Dyal L, Aboyans V, Abola MT, Branch KRH, Keltai K, Bhatt DL, Verhamme P, Fox KAA, Cook-Bruno N, Lanius V, Connolly SJ, Yusuf S. Major Adverse Limb Events and Mortality in Patients With Peripheral Artery Disease: The COMPASS Trial. *J Am Coll Cardiol*. 2018;71(20):2306-15.

Teo K, Yusuf S. Polypill variants (Quarter Pill Trials). *Am J Hypertens*. 2018 Jun 11;31(7):758-61.

Karmali KN, Lloyd-Jones DM, van der Leeuw J, Goff DC Jr., Yusuf S, Zanchetti A, Glasziou P, Jackson R, Woodward M, Rodgers A, Neal BC, Berge E, Teo K, Davis BR, Chalmers J, Pepine C, Rahimi K, Sundström J; Blood Pressure Lowering Treatment Trialists' Collaboration. Blood pressure-lowering treatment strategies based on cardiovascular risk versus blood pressure: a meta-analysis of individual participant data. *PLoS Med* 2018;5(3):e1002538.

Arku RE, Birch A, Shupler M, Yusuf S, Hystad P, Brauer M. Characterizing exposure to household air pollution within the Prospective Urban Rural Epidemiology (PURE) study. *Environ Int*. 2018;114:307-17.

Hijazi Z, Hohnloser SH, Oldgren J, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Reilly PA, Yusuf S, Wallentin L. Efficacy and safety of dabigatran compared with warfarin in patients with atrial fibrillation in relation to renal function over time-A RE-LY trial analysis. *Am Heart J*. 2018;198:169-77.

Langhorne P, O'Donnell MJ, Chin SL, Zhang H, Xavier D, Avezum A, Mathur N, Turner M, MacLeod MJ, Lopez-Jaramillo P, Damasceno A, Hankey GJ, Dans AL, Elsayed A, Mondo C, Wasay M, Czlonkowska A, Weimar C, Yusufali AH, Hussain FA, Lisheng L, Diener HC, Ryglewicz D, Pogossova N, Iqbal R, Diaz R, Yusoff K, Oguz A, Wang X, Penaherrera E, Lanus F, Ogah OS, Ogunniyi A, Iversen HK, Malaga G, Rumboldt Z, Magazi D, Nilanont Y, Rosengren A, Oveisgharan S, Yusuf S; INTERSTROKE collaborators. Practice patterns and outcomes after stroke across countries at different economic levels (INTERSTROKE): an international observational study. *Lancet*. 2018;391(10134):2019-27.

Böhm M, Schumacher H, Teo KK, Lonn E, Mahfoud F, Mann JFE, Mancia G, Redon J, Schmieder R, Weber M, Sliwa K, Williams B, Yusuf S. Achieved diastolic blood pressure and pulse pressure at target systolic blood pressure (120-140 mmHg) and cardiovascular outcomes in high-risk patients: results from ONTARGET and TRANSCEND trials. *Eur Heart J*. 2018 Sep 1;39(33):3105-14.

Devereaux PJ, Duceppe E, Guyatt G, Tandon V, Rodseth R, Biccard BM, Xavier D, Szczeklik W, Meyhoff CS, Vincent J, Franzosi MG,

## PUBLICATIONS

Srinathan SK, Erb J, Magloire P, Neary J, Rao M, Rahate PV, Chaudhry NK, Mayosi B, de Nadal M, Iglesias PP, Berwanger O, Villar JC, Botto F, Eikelboom JW, Sessler DI, Kearon C, Pettit S, Sharma M, Connolly SJ, Bangdiwala SI, Rao-Melacini P, Hoefft A, Yusuf S; MANAGE Investigators. Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. *Lancet* 2018;391(10137):2325-34.

Fox KAA, Eikelboom JW, Anand SS, Bhatt DL, Bosch J, Connolly SJ, Harrington RA, Steg PG, Yusuf S. Anti-thrombotic options for secondary prevention in patients with chronic atherosclerotic vascular disease: what does COMPASS add? *Eur Heart J*. 2019 May 7;40(18):1466-71. Epub 2018 Jun 25.

Kent AP, Brueckmann M, Fraessdorf M, Connolly SJ, Yusuf S, Eikelboom JW, Oldgren J, Reilly PA, Wallentin L, Ezekowitz MD. Concomitant oral anticoagulant and nonsteroidal anti-inflammatory drug therapy in patients with atrial fibrillation. *J Am Coll Cardio*. 2018;72(3):255-67.

Sjaarda J, Gerstein H, Chong M, Yusuf S, Meyre D, Anand SS, Hess S, Paré G. Blood CSF1 and CXCL12 as causal mediators of coronary artery disease. *J Am Coll Cardio*. 2018;72(3):300-10.

Schwalm JR, McCready T, Lamelas P, Musa H, Lopez-Jaramillo P, Yusoff K, McKee M, Camacho PA, Lopez-Lopez J, Majid F, Thabane L, Islam S, Yusuf S. Rationale and design of a cluster randomized trial of a multifaceted intervention in people with hypertension: the Heart Outcomes Prevention and Evaluation 4 (HOPE-4) Study. *Am Heart J*. 2018; 203:57-66.

Dagenais GR, Jung H, Lonn E, Bogaty PM, Dehghan M, Held C, Avezum A, Jansky P, Keltai M, Leiter LA, Lopez-Jaramillo P, Toff WD, Bosch J, Yusuf S. Effects of lipid-lowering and antihypertensive treatments in addition to healthy lifestyles in primary prevention: an analysis of the HOPE-3 trial. *J Am Heart Assoc*. 2018;7(15):pii:e008918.

Robertson L, Nyamurungi KN, Gravely S, Rusatira JC, Oginni A, Kabwama SN, Ndikum AE, Bianco E, Yusuf S, Huffman MD. Implementation of 100% smoke-free law in Uganda: a qualitative study exploring civil society's perspective. *BMC Public Health*. 2018;18(1):927.

Sharma M, Hart RG, Smith EE, Bosch J, Yuan F, Casanova A, Eikelboom JW, Connolly SJ, Wong G, Diaz R, Lopez-Jaramillo P, Ertl G, Störk S, Dagenais GR, Lonn EM, Ryden L, Tonkin AM, Varigos JD, Bhatt DL, Branch KR, Probstfield JL, Kim JH, Ha JW, O'Donnell M, Vinereanu

D, Fox KA, Liang Y, Liu L, Zhu J, Pogossova N, Maggioni AP, Avezum A, Piegas LS, Keltai K, Keltai M, Cook Bruns N, Berkowitz S, Yusuf S. Rationale, design, and baseline participant characteristics in the MRI and cognitive substudy of the cardiovascular outcomes for people using anticoagulation strategies trial. *Int J Stroke*. 2019 Apr;14(3):270-81. Epub 2018 Jul 30.

Lamelas P, Schwalm JD, Leong D, Jolly S, Mehta S, Bangdiwala S, Yusuf S. Varying effects of body mass index and mortality in different risk groups. *Am J Cardiol*. 2018 Oct 1;122(7):1155-60.

Mente A, O'Donnell M, Rangarajan S, McQueen M, Dagenais G, Wielgosz A, Lear S, Ah STL, Wei L, Diaz R, Avezum A, Lopez-Jaramillo P, Lanas F, Mony P, Szuba A, Iqbal R, Yusuf R, Mohammadifard N, Khatib R, Yusoff K, Ismail N, Gulec S, Rosengren A, Yusufali A, Kruger L, Tsolekile LP, Chifamba J, Dans A, Alhabib KF, Yeates K, Teo K, Yusuf S. Urinary sodium excretion, blood pressure, cardiovascular disease, and mortality: a community-level prospective epidemiological cohort study. *Lancet*. 2018;392(10146):496-506.

Narula N, Dannenberg AJ, Olin JW, Bhatt DL, Johnson KW, Nadkarni G, Min J, Torii S, Poojary P, Anand SS, Bax JJ, Yusuf S, Virmani R, Narula J. Pathology of peripheral artery disease in critical limb ischemia. *J Am Coll Cardio*. 2018 Oct 30;72(18):2152-63.

Chow CK, Ramasundharahettige C, Hu W, AlHabib KF, Avezum A Jr, Cheng X, Chifamba J, Dagenais G, Dans A, Egubujie BA, Gupta R, Iqbal R, Ismail N, Keskinler MV, Khatib R, Kruger L, Kumar R, Lanas F, Lear S, Lopez-Jaramillo P, McKee M, Mohammadifard N, Mohan V, Mony P, Orlandini A, Rosengren A, Vijayakumar K, Wei L, Yeates K, Yusoff K, Yusuf R, Yusufali A, Zatonska K, Zhou Y, Islam S, Corsi D, Rangarajan S, Teo K, Gerstein HC, Yusuf S; PURE investigators. Availability and affordability of essential medicines for diabetes across high-income, middle-income, and low-income countries: a prospective epidemiological study. *Lancet Diabetes Endocrinol*. 2018 Oct;6(10):798-808.

Karthikeyan G, Devasenapathy N, Zühlke L, Engel ME, Rangarajan S, Teo KK, Mayosi BM, Yusuf S; Global Rheumatic Heart Disease Registry (REMEDY) Investigators. Digoxin and clinical outcomes in the Global Rheumatic Heart Disease Registry. *Heart*. Sep 12;pii: heartjnl-2018-313614.

Dehghan M, Menté A, Rangarajan S, Sheridan P, Mohan V, Iqbal R, Gupta R, Lear S, Wentzel-Viljoen E, Avezum A, Lopez-Jaramillo P, Mony P, Varma RP, Kumar R, Chifamba J, Alhabib KF, Mohammadifard N, Oguz A, Lanas F, Rozanska D, Bostrom KB, Yusoff K, Tsolekile LP, Dans A, Yusufali A, Orlandini A, Poirier P, Khatib R, Hu B, Wei L, Yin L,



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Deeraili A, Yeates K, Yusuf R, Ismail N, Mozaffarian D, Teo K, Anand SS, Yusuf S; Prospective Urban Rural Epidemiology (PURE) study investigators. Association of dairy intake with cardiovascular disease and mortality in 21 countries from five continents (PURE): a prospective cohort study. *Lancet*. 2018 Nov 24;392(10161):2288-97.

Joseph P, Pais P, Dans AL, Bosch J, Xavier D, Lopez-Jaramillo P, Yusuf K, Santoso A, Talukder S, Gamra H, Yeates K, Lopez PC, Tyrwhitt J, Gao P, Teo K, Yusuf S; TIPS-3 Investigators. The International Polycap Study-3 (TIPS-3): Design, baseline characteristics and challenges in conduct. *Am Heart J*. 2018 Aug 2;206:72-9.

Schmidt A, Dias Romano MM, Marin-Neto JA, Rao-Melacini P, Rassi A Jr, Mattos A, Avezum Á Jr, Villena E, Sosa-Estani S, Bonilla R, Yusuf S, Morillo CA, Maciel BC; BENEFIT Investigators. Effects of Trypanocidal treatment on echocardiographic parameters in Chagas cardiomyopathy and prognostic value of Wall Motion Score Index: A BENEFIT Trial Echocardiographic Substudy. *J Am Soc Echocardiogr*. 2019 Feb;32(2):286-95. Epub 2018 Nov 9.

Camacho PA, Otero J, Pérez M, Arcos E, García H, Narvaez C, Molina DI, Sanchez G, Duran M, Cure C, Sotomayor A, Rico Á, Cotes F, Rangarajan S, Yusuf S, Cohen DD, González-Gómez S, Clausen C, Lopez-Jaramillo P. The spectrum of the dyslipidemia in Colombia: the PURE study. *Int J Cardiol*. 2019 Jun 1;284:111-7. Epub 2018 Nov 5.

Wang C, Bangdiwala SI, Rangarajan S, Lear SA, AlHabib KF, Mohan V, Teo K, Poirier P, Tse LA, Liu Z, Rosengren A, Kumar R, Lopez-Jaramillo P, Yusuf K, Monsef N, Krishnapillai V, Ismail N, Seron P, Dans AL, Kruger L, Yeates K, Leach L, Yusuf R, Orlandini A, Wolyniec M, Bahonar A, Mohan I, Khatib R, Temizhan A, Li W, Yusuf S. Association of estimated sleep duration and naps with mortality and cardiovascular events: a study of 116 632 people from 21 countries. *Eur Heart J*. 2019 May 21;40(20):1620-9. Epub 2018 Dec 5.

Arku RE, Birch A, Shupler M, Yusuf S, Hystad P, Brauer M. Characterizing exposure to household air pollution within the Prospective Urban Rural Epidemiology (PURE) study. *Environmental International*. 2018;114:307-17.

Pais P, Jung H, Dans A, Zhu J, Liu L, Kamath D, Bosch J, Lonn E, Yusuf S. Impact of blood pressure lowering, cholesterol lowering and their combination in Asians and non-Asians in those without cardiovascular disease: an analysis of the HOPE 3 study. *Eur J Prev Cardiol*. 2019 May;26(7):681-97. Epub 2018 Dec 11.

Böhm M, Schumacher H, Teo KK, Lonn EM, Mahfoud F, Ukena C, Mann JFE, Mancia G, Redon J, Schmieder RE, Sliwa K, Marx N, Weber MA, Williams B, Yusuf S. Resting heart rate and cardiovascular outcomes in diabetic and non-diabetic individuals at high cardiovascular risk analysis from the ONTARGET/TRANSCEND trials. *Eur Heart J*. Epub

2018 Dec 24.

## Book Chapters

Joseph P, Gupta R, Yusuf S. Hypertension in South Asians. In: Hypertension: a Companion to Braunwald's Heart Disease E-Book. (Bakris GL, Sorrentino M, eds). Elsevier, Chapter 4. Pp.27-31, 2018.

## ZELLER, M.

Kaufman RM, Dinh A, Cohn CS, Fung MK, Gorlin J, Melanson S, Murphy MF, Ziman A, Elahie AL, Chasse D, Degree L, Dunbar NM, Dzik WH, Flanagan P, Gabert K, Ipe TS, Jackson B, Lane D, Raspolini E, Ray C, Sharon Y, Ellis M, Selleng K, Staves J, Yu P, Zeller M, Yazer M. BEST Collaborative. Electronic patient identification for sample labeling reduces wrong blood in tube errors. *Transfusion*. 2019 Mar;59(3):972-80. Epub 2018 Dec 14.

Erica Dao, Michelle P. Zeller, Bruce Wainman, Michael J. Farquharson. Feasibility of the use of a handheld XRF analyzer to measure skin iron to monitor iron levels in critical organs. *Journal of Trace Elements in Medicine and Biology*. 2018 Dec;50:305-11.

Lai AT, Zeller MP, Millen T, Kavsak P, Szczeklik W, Elahie A, Alhazzani W, D'Aragon F, Jaeschke R, Lamontagne F, Karachi T, Cook D, Meade M, Rochweg B; Canadian Critical Care Trials Group. Chloride and Other Electrolyte Concentrations in Commonly Available 5% Albumin Products. *Crit Care Med*. 2018 Apr;46(4):e326-e329.

Zeller MP, Barty R, Dunbar NM, Elahie A, Flanagan P, Garritsen H, Kutner JM, Pagano MB, Poglód R, Rogers TS, Staves J, van Wordragen-Vlaswinkel M, Zwaginga JJ, Murphy MF, Heddle NM, Yazer MH; Biomedical Excellence for Safer Transfusion (BEST) Collaborative. An international investigation into AB plasma administration in hospitals: how many AB plasma units were infused? The HABSWIN study. *Transfusion*. 2018 Jan;58(1):151-7.

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PUBLICATIONS

## ADACHI, J

Adachi JD, Berger C, Barron R, Weycker D, Anastassiades TP, Davison KS, Hanley DA, Ioannidis G, Jackson SA, Josse RG, Kaiser SM, Kovacs CS, Leslie WD, Morin SN, Papaioannou A, Prior JC, Shyta E, Silvia A, Towheed T, Goltzman D. Predictors of imminent non-vertebral fracture in elderly women with osteoporosis, low bone mass, or a history of fracture, based on data from the population-based Canadian Multicentre Osteoporosis Study (CaMos). *Archives of Osteoporosis*. 2019 May 16;14(1):53.

Allen T MSc(PT), Hollingham Z MSc(PT), MacWhirter J MSc(PT), Welsh M MSc(PT), Negm A MD, MSc, PhD Candidate, Adachi JD MD, FRCPC, MacIntyre NJ PT, PhD. Inter-rater reliability of DartfishTM movement analysis software for measuring maximum flexion and extension at the hip and knee in older adults with osteoporosis and osteopenia. *Physiotherapy Theory and Practice*. 2019 Jun;35(6):577-585.

Blüch D, Tran T, van Geel T, Adachi JD, Berger C, van den Bergh J, Eisman JA, Geusens P, Goltzman D, Hanley DA, Josse RG, Kaiser S, Kovacs CS, Langsetmo L, Prior JC, Nguyen TV, Center JR; CaMOS Research Group. Mortality risk reduction differs according to bisphosphonate class: a 15-year observational study. *Osteoporosis International*. 2019 Apr;30(4):817-828.

Blüch D, Tran T, van Geel T, Adachi JD, Berger C, van den Bergh J, Eisman JA, Geusens P, Goltzman D, Hanley DA, Josse R, Kaiser S, Kovacs CS, Langsetmo L, Prior JC, Nguyen TV, Center JR; CaMOS Research Group. Reduced Bone Loss Is Associated With Reduced Mortality Risk in Subjects Exposed to Nitrogen Bisphosphonates: A Mediation Analysis. *Journal of Bone and Mineral Research*. 2019 Nov;34(11):2001-2011.

Borhan S, Papaioannou A, Gajic-Veljanoski O, Kennedy C, Ioannidis G, Berger C, Goltzman D, Josse R, Kovacs CS, Hanley DA, Prior JC, Morin SN, Kaiser SM, Cheung AM, Thabane L, Adachi J; CaMos Research Group. Incident Frailty Fractures Have a Long-Term Negative Impact on Health-Related Quality of Life of Older People: The Canadian Multicentre Osteoporosis Study. *Journal of Bone and Mineral Research*. 2019 May;34(5):838-848.

Brown ZM, Gibbs JC, Adachi JD, Ashe MC, Hill KD, Kendler DL, Khan A, Papaioannou A, Prasad S, Wark JD, Giangregorio LM. Score Distributions of the Balance Outcome Measure for Elder Rehabilitation (BOOMER) in Community-Dwelling Older Adults With Vertebral Fracture. *Journal of Geriatric Physical Therapy*. 2019 Jul/Sep;42(3):E87-E93.

Geusens P, Oates M, Miyauchi A, Adachi JD, Lazaretti-Castro M, Ebeling PR, Perez Niño CA, Milmont CE, Grauer A, Libanati C. The Effect of 1 Year of Romosozumab on the Incidence of Clinical Vertebral Fractures in Postmenopausal Women With Osteoporosis: Results From the FRAME Study. *JBMR Plus*. 2019 Aug 2;3(10):e10211.

Hilgsmann M, Reginster JY, Tosteson ANA, Bukata SV, Saag KG, Gold DT, Halbout P, Jiwa F, Lewiecki EM, Pinto D, Adachi JD, Al-Daghri N, Bruyère O, Chandran M, Cooper C, Harvey NC, Einhorn TA, Kanis JA, Kendler DL, Messina OD, Rizzoli R, Si L, Silverman S. Recommendations for the conduct of economic evaluations in osteoporosis: outcomes of an experts' consensus meeting organized by the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO) and the US branch of the International Osteoporosis Foundation. *Osteoporosis International*. 2019 Jan;30(1):45-57.

Hopman WM, Berger C, Joseph L, Morin SN, Towheed T, Anastassiades T, Adachi JD, Hanley DA, Prior JC, Goltzman D; CaMos

Research Group. Longitudinal assessment of health-related quality of life in osteoporosis: data from the population-based Canadian Multicentre Osteoporosis Study. *Osteoporosis International*. 2019 Aug;30(8):1635-1644.

Hu K, Adachi JD. Glucocorticoid induced osteoporosis. *Expert Review of Endocrinology and Metabolism*. 2019 Jul;14(4):259-266.

Lentle B, Koromani F, Brown JP, Oei L, Ward L, Goltzman D, Rivadeneira F, Leslie WD, Probyn L, Prior J, Hammond I, Cheung AM, Oei EH; Vertebral Fracture Research Groups of the CaMos, STOPP, and Rotterdam Studies. The Radiology of Osteoporotic Vertebral Fractures Revisited. *Journal of Bone and Mineral Research*. 2019 Mar;34(3):409-418.

Lewiecki EM, Dinavahi RV, Lazaretti-Castro M, Ebeling PR, Adachi JD, Miyauchi A, Gielen E, Milmont CE, Libanati C, Grauer A. One Year of Romosozumab Followed by Two Years of Denosumab Maintains Fracture Risk Reductions: Results of the FRAME Extension Study. *Journal of Bone and Mineral Research*. 2019 Mar;34(3):419-428.

Li G, Chen M, Li X, Cesta A, Lau A, Thabane L, Adachi JD, Tian J, Bombardier C. Frailty and risk of osteoporotic fractures in patients with rheumatoid arthritis: Data from the Ontario Best Practices Research Initiative. *Bone*. 2019 Oct;127:129-134.

Li G, Prior JC, Leslie WD, Thabane L, Papaioannou A, Josse RG, Kaiser SM, Kovacs CS, Anastassiades T, Towheed T, Davison KS, Levine M, Goltzman D, Adachi JD; CaMos Research Group. Frailty and Risk of Fractures in Patients With Type 2 Diabetes. *Diabetes Care*. 2019 Apr;42(4):507-513.

Negm AM, Kennedy CC, Thabane L, Veroniki AA, Adachi JD, Richardson J, Cameron ID, Giangregorio A, Petropoulou M, Alsaad SM, Alzahrani J, Maaz M, Ahmed MM, Kim E, Tehfe H, Dima R, Sabanayagam K, Hewston P, Abu Alrob H, Papaioannou A. Management of Frailty: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials. *Journal of the American Medical Directors Association*. 2019 Oct;20(10):1190-1198.

Rodrigues IB, Adachi JD, Beattie KA, Lau A, MacDermid JC. Determining known-group validity and test-retest reliability in the PEQ (personalized exercise questionnaire). *BMC Musculoskeletal Disorders*. 2019 Aug 14;20(1):373.

Saag KG, Pannacciulli N, Geusens P, Adachi JD, Messina OD, Morales-Torres J, Emkey R, Butler PW, Yin X, Lems WF. Denosumab Versus Risedronate in Glucocorticoid-Induced Osteoporosis: Final Results of a Twenty-Four-Month Randomized, Double-Blind, Double-Dummy Trial. *Arthritis & Rheumatology*. 2019 Jul;71(7):1174-1184.

Samelson EJ, Broe KE, Xu H, Yang L, Boyd S, Biver E, Szulc P, Adachi J, Amin S, Atkinson E, Berger C, Burt L, Chapurlat R, Chevalley T, Ferrari S, Goltzman D, Hanley DA, Hannan MT, Khosla S, Liu CT, Lorentzon M, Mellstrom D, Merle B, Nethander M, Rizzoli R, Sornay-Rendu E, Van Rietbergen B, Sundh D, Wong AKO, Ohlsson C, Demissie S, Kiel DP, Bouxsein ML. Cortical and trabecular bone microarchitecture as an independent predictor of incident fracture risk in older women and men in the Bone Microarchitecture International Consortium (BoMIC): a prospective study. *Lancet Diabetes Endocrinology*. 2019 Jan;7(1):34-43.

Sprague S, Bzovsky S, Connelly D, Thabane L, Adachi JD, Slobogean GP; Vita-Shock Investigators. Study protocol: design and rationale for an exploratory phase II randomized controlled trial to determine optimal vitamin D3 supplementation strategies for acute fracture healing. *Pilot and Feasibility Studies*. 2019 Nov 22;5:135.



# PUBLICATIONS

Wong SC, Straub V, Ward LM, Quinlivan R; 236th ENMC workshop participants. 236th ENMC International Workshop Bone protective therapy in Duchenne muscular dystrophy: Determining the feasibility and standards of clinical trials Hoofddorp, The Netherlands, 1-3 June 2018. *Neuromuscular Disorders*. 2019 Mar;29(3):251-259.

Ziebart C, Adachi JD, Ashe MC, Bleakney RR, Cheung AM, Gibbs JC, Hill KD, Kendler DL, Khan AA, Kim S, McArthur C, Mittmann N, Papaioannou A, Prasad S, Scherer SC, Thabane L, Wark JD, Giangregorio LM. Exploring the association between number, severity, location of fracture, and occiput-to-wall distance. *Archives of Osteoporosis*. 2019 Feb 28;14(1):27.

Ziebart C, Gibbs JC, McArthur C, Papaioannou A, Mittmann N, Laprade J, Kim S, Khan A, Kendler DL, Wark JD, Thabane L, Scherer SC, Prasad S, Hill KD, Cheung AM, Bleakney RR, Ashe MC, Adachi JD, Giangregorio LM. Are osteoporotic vertebral fractures or forward head posture associated with performance-based measures of balance and mobility? *Archives of Osteoporosis*. 2019 Jun 26;14(1):67.

## Book Chapters

Adachi JD. Erythema nodosum. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1386-1387.

Adachi JD. Panniculitis. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1418-1419.

Adachi JD. Sjogren syndrome. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1441-1444.

Adachi JD, Agarwal A. Amyloidosis. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1378-1380.

Agarwal A, Adachi JD. Fibromyalgia. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019; 1387-1389.

Agarwal A, Hart L. Algodystrophy (Complex Regional Pain Syndrome). In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1375-1378.

Agarwal A, Hart L. Calcium Pyrophosphate Dihydrate Deposition Disease. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1383-1386.

Agarwal A, Hart L. Gout. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1389-1393.

Carmona R. Osteoarthritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1400-1406.

Carmona R. Spondyloarthritis: Ankylosing spondylitis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1444-1450.

Carmona R. Spondyloarthritis: Enteropathic Arthritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1450-1451.

Carmona R. Spondyloarthritis: Psoriatic Arthritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1451-1455.

Carmona R. Spondyloarthritis: Reactive Arthritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1455-1458.

Jessome MA, Lau M. Osteonecrosis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1406-1408.

Kelly D, Garner S, Khalidi N. Vasculitis Syndromes: Takayasu Arteritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1493-1495.

Khalidi N, Garner S, Adachi JD. Vasculitis Syndromes: Giant Cell Arteritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1484-1487.

Khalidi N, Garner S, Ma J. Polymyalgia Rheumatica. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1418-1419.

Larche M. Mixed Connective Tissue Disease (MCTD), Undifferentiated Connective Tissue Disease (UCTD), Overlap Syndromes. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1397-1400.

Larche M. Rheumatoid Arthritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1428-1441.

Larche M. Systemic Sclerosis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1469-1476.

Lau AN, Adachi JD. Glucocorticoid-Induced Osteoporosis. In: Hochberg M, Gravallese EM, Silman A, Smolen J, Weinblatt M, Weisman M (Eds.). *Rheumatology 7th edition*. Elsevier Philadelphia PA. 2019;202.

Lau A, Adachi JD. Osteoporosis. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1408-1415.

Lau A, Adachi JD. Paget of Bone. In: O-Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1415-1418.

Lau A, Bami H. Adult-onset Still Disease. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1371-1375.

Lee WH, Kalina DR, Chagla Z. Infectious (Septic) Arthritis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1393-1397.

Legault KJ, Crowther M. Antiphospholipid Syndrome. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1380-1383.

Legault KJ, Miller M, Adachi JD, Denburg JA. Systemic Lupus Erythematosus. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1458-1469.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Anti-Glomerular Basement Membrane Disease (Formerly Goodpasture Syndrome). In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1478-1479.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Behcet Disease. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1479-1480.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Cryoglobulinemic Vasculitis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1480-1481.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Cutaneous Leukocytoclastic Angiitis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1481-1482.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Eosinophilic Granulomatosis with Polyangiitis (Churg-Strauss Syndrome). In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1482-1484.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Granulomatosis with Polyangiitis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019; pp 1487-1490.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: IgA Vasculitis (Henoch-Schonlein Purpura). In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1490-1491.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Microscopic Polyangiitis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1491-1492.

Ma J, Garner S, Khalidi N. Vasculitis Syndromes: Polyarteritis Nodosa. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1492-1493.

Tarnopolsky M. Polymyositis and Dermatomyositis. In: Jaeschke R, Gajewski P, O'Byrne P, Adachi JD (Eds.). *McMaster Textbook of Internal Medicine*. 2019;1421-1428.

## AINSWORTH, C

Alaifan T, Alenazy A, Xiang Wang D, Fernando SM, Spence J, Belle-Cote E, Fox-Robichaud A, Ainsworth C, Karachi T, Kyeremanteng K, Zarychanski R, Whitlock R, Rochweg B. Tranexamic acid in cardiac surgery: a systematic review and meta-analysis (protocol). *BMJ Open*. 2019 Sep 17;9(9):e028585.

Kavsak PA, Ainsworth C. A heterophile antibody affecting a contemporary but not a high-sensitivity cardiac troponin assay. *Clinical Biochemistry*. 2019 Sep;71:72-73.

Kavsak PA, Ainsworth C, Clark L, Devereaux PJ, Worster A. Four Different High-Sensitivity Cardiac Troponin Assays With Important Analytical Performance Differences. *Canadian Journal of Cardiology*. 2019 Jun;35(6):796.e17-796.e18.

Wong GC, Welsford M, Ainsworth C, Abuzeid W, Fordyce CB, Greene J, Huynh T, Lambert L, Le May M, Lutchmedial S, Mehta SR, Natarajan M, Norris CM, Overgaard CB, Perry Arnesen M, Quraishi A, Tanguay JF, Traboulsi M, van Diepen S, Welsh R, Wood DA, Cantor WJ; members of the Secondary Panel. 2019 Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology Guidelines on the Acute Management of ST-Elevation Myocardial Infarction: Focused Update on Regionalization and Reperfusion. *Canadian Journal of Cardiology*. 2019 Feb;35(2):107-132.

## Book Chapter

Ahmed Z, Ainsworth C. Pericarditis. In: O'Byrne P, Jaeschke R and Gajewski P (Eds.). *McMaster Textbook of Internal Medicine*. 2019;B31.II.2.

## ANAND, S

Adlam D, Olson TM, Combaret N, Kovacic JC, Iismaa SE, Al-Hussaini A, O'Byrne MM, Bouajila S, Georges A, Mishra K, Braund PS, d'Escamard V, Huang S, Margaritis M, Nelson CP, de Andrade M, Kadian-Dodov D, Welch CA, Mazurkiewicz S, Jeunemaitre X, DISCO Consortium, Motreff P, Belle L, Dupouy P, Barnay P, Meneveau N, Gilard M, Rioufol G, Range G, Brunel P, Delarochette N, Filippi E, Le Bivic L, Harbaoui B, Benamer H, Cayla G, Varenne O, Manzo-Silberman SP, Silvain J, Spaulding C, Caussin C, Gerbaud E, Valy Y, Koning R, Lhermusier T, Champin S, Salengro E, Fluttaz A, Zabalawi A, Cottin Y, Teiger E, Saint-Etienne C, Ducrocq G, Marliere S, Boiffard E, Aubry P, Georges JL, Benamer H, Bresson D, De Poli F, Karrillon G, Roule V, Bali L, Valla M, Gerbay A, Houpe D, Dubreuil O, Monnier A, Mayaud N, Manchuelle A, Commeau P, Bedossa M, Mei C, Wong Y, Giannoulatos E, Sweeting M, Muller R, Wood A, McGrath-Cadell L, Fatkin D, Dunwoodie SL, Harvey R, Holloway C, Empana JP, Jouven X, CARDIOGRAMPlusC4D Study Group, Nikpay M, Goel A, Won HH, Hall LM, Willenborg C, Kanoni S, Saleheen D, Kyriakou T, Nelson CP, Hopewell JC, Webb TR, Zeng L, Dehghan A, Alver M, Armaso SM, Auro K, Bjorndal A, Chasman DI, Chen S, Ford I, Franceschini N, Gieger C, Grace C, Gustafsson S, Huang J, Hwang SJ, Kim YK, Kleber ME, Lau KW, Lu X, Lu Y, Lyttikainen LP, Mihailov E, Morrison A, Perjakova N, Qu L, Rose LM, Salfati E, Saxena R, Scholz M, Smith AV, Tikkanen E, Uitterlinden A, Yang X, Zhang W, Zhao W, de Andrade M, de Vries PS, van Zuydam NR, Anand SS, Bertram L, Beutner F, Dedoussis G, Frossard P, Gauguier D, Goodall AH, Gottesman O, Haber M, Han BG, Huang J, Jalilzadeh S, Kessler T, König IR, Lannfelt L, Lieb W, Lind L, Lindgren CM, Lokki M, Magnusson PK, Mallick NH, Mehra

N, Meitinger T, Memon FUR, Morris AP, Nieminen MS, Pedersen NL, Peters A, Rallidis LS, Rasheed A, Samuel M, Shah SH, Sinisalo J, Stirrups KE, Trompet S, Wang L, Zaman KS, Ardisino D, Boerwinkle E, Borecki IB, Bottinger EP, Buring JE, Chambers JC, Collins R, Cupples LA, Danesh J, Demuth I, Elosua R, Epstein SE, Esko T, Feitosa MF, Franco OH, Franzosi MG, Granger CB, Gu D, Gudnason V, Hall AS, Hamsten A, Harris TB, Hazen SL, Hengstenberg C, Hofman A, Ingelsson E, Iribarren C, Jukema JW, Karhunen PJ, Kim BJ, Kooper JS, Kullo IJ, Lehtimäki T, Loos RJ, Melander O, Metspalu A, März W, Palmer CN, Perola M, Quertermous T, Rader DJ, Ridker PM, Ripatti S, Roberts R, Salomaa V, Sanghera DK, Schwartz SM, Seedorf U, Stewart AF, Stott DJ, Thiery J, Zalloua PA, O'Donnell CJ, Reilly MP, Assimes TL, Thompson JR, Erdmann J, Clarke R, Watkins H, Kathiresan S, McPherson R, Deloukas P, Schunkert H, Samani NJ, Farrall M, Olin JW, Gulati R, Tweet MS, Hayes SN, Samani NJ, Graham RM, Motreff P, Bouatia-Naji N. Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. *Journal of the American College of Cardiology*. 2019 Jan 8;73(1):58-66.

Anand SS, Abonyi S, Arbour L, Balasubramanian K, Brook J, Castelden H, Chrisjohn V, Cornelius I, Davis AD, Desai D, De Souza R, Griedrich MG, Harris S, Irvine J, L'Hommecourt J, Littlechild R, Mayotte L, McIntosh S, Morrison J, Oster RT, Picard M, Pictou Landing First Nation, Poirier P, Schulze KM, Toth EL. Explaining the variability in cardiovascular risk factors among First Nations communities in Canada: a population-based study. *Lancet Planet Health*. 2019 Dec;3(12):e511-20.

Anand SS, Anand AI. Gender Equity in Academic Medicine: Why should we care? *Canadian Journal of General Internal Medicine*. 2019 Feb 12;14(1):13-15.

Anand SS, Eikelboom JW, Dyal L, Bosch J, Neumann C, Widimsky P, Avezum AA, Probstfield J, Cook-Bruno N, Fox KAA, Bhatt D, Connolly S, Yusuf S. Rivaroxaban Plus Aspirin Vs Aspirin in relation to Vascular Risk in the COMPASS trial. *Journal of the American College of Cardiology*. 2019 July 2;73(25):3271-3280.

Canadian Alliance for Healthy Hearts and Minds First Nations Cohort Research Team. "All About Us": Indigenous Data Analysis Workshop-Capacity Building in the Canadian Alliance for Healthy Hearts and Minds First Nations Cohort. *CJC Open*. 2019 Oct 5;1(6):282-288.

Caron F, Garg A, Kaplovitch E, Aleksova N, Nowacki B, de Souza R, Neupane B, Ginsberg J, Hirsh J, Eikelboom J, Anand SS. Venous Return Assist Devices for Intermittent Claudication: A Randomized Controlled Trial Utilizing a Sham Comparator. *Journal of Vascular Medicine and Surgery*. 2019 Sept 24;7:3.

Choudhury S, Shobhana A, Singh R, Sen D, Anand SS, Shubham S, Baker MR, Kumar H, Baker SN. The Relationship Between Enhanced Reticulospinal Outflow and Upper Limb Function in Chronic Stroke Patients. *Neurorehabilitation and Neural Repair*. 2019 May;33(5):375-383.

Fox KAA, Eikelboom JW, Anand SS, Bhatt DL, Bosch J, Connolly SJ, Harrington RA, Steg PG, Yusuf S. Anti-thrombotic options for secondary prevention in patients with chronic atherosclerotic vascular disease: what does COMPASS add? *European Heart Journal*. 2019 May 7;40(18):1466-1471.

de Souza RJ, Zulyniak MA, Stearns JC, Wahi G, Teo K, Gupta M, Sears MR, Subbarao P, Anand SS. The influence of maternal and infant nutrition on cardiometabolic traits: novel findings and future research directions from four Canadian birth cohort studies. *Proceedings of the Nutrition Society*. 2019 Aug;78(3):351-361.

Eikelboom JW, Connolly SJ, Bosch J, Shestakovska O, Aboyans V, Alings M, Anand SS, Avezum A, Berkowitz S, Bhatt DL, Cook-Bruno N, Felix C, Fox KAA, Hart RG, Maggioni AP, Moayyedi P, O'Donnell M, Rydén L, Verhamme P, Widimsky P, Zhu J, Yusuf S, on behalf of the COMPASS investigators. Bleeding and new cancer diagnosis in patients with atherosclerosis. *Circulation*. 2019;140:1451-1459.

Hussain MA, Wheatcroft M, Nault P, Lindsay T, Bhatt DL, Anand SS, Verma S, Al-Omran M. COMPASS for Vascular Surgeons: Practical Considerations. *Current Opinion in Cardiology*. 2019 Mar;34(2):178-184.

# PUBLICATIONS

Kaplovitch E, Ranelli L, Anand SS. Antithrombotics in Stable Peripheral Arterial Disease. *Vascular Medicine*. 2019 Apr;24(2):132-140.

McClure GR, Kaplovitch E, Narula S, Bhagirath VC, Anand SS. Rivaroxaban and Aspirin in Peripheral Vascular Disease: a Review of Implementation Strategies and Management of Common Clinical Scenarios. *Current Cardiology Reports*. 2019 Aug 30;21(10):115.

Moayyedi P, Eikelboom JW, Bosch J, Connolly SJ, Dyal L, Shestakovska O, Leong D, Anand SS, Stork S, Branch KRH, Bhatt D, Verhamme PB, O'Donnell M, Maggioni A, Lonn EM, Piegas LS, Ertl G, Keltai M, Cook BR, N, Muehlhofer E, Dagenais GR, Kim JH, Hori M, Steg G, Hart RG, Diaz R, Alings M, Widimsky P, Avezum A, Probstfield J, Zhu J, Liang Y, Lopez-Jaramillo P, Kakkar AK, Parkhomenko AN, Ryden L, Pogossova N, Dans AL, Lanan F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Vinereanu D, Tonkin AM, Lewis BS, Felix C, Yusuf K, Metsarinne KP, Fox KAA, Yusuf S for the COMPASS Investigators. Safety of Proton Pump Inhibitors Based on a Large, Multi-Year, Randomized Trial of Patients Receiving Rivaroxaban or Aspirin. *Gastroenterology* 2019 Sept 157;682-691 18. Kaplovitch E, Anand SS. The evolving treatment of peripheral arterial disease: preventing ischemic events in the post-COMPASS era. *Cardiovascular Research*. 2019 Oct 1;115(12):e121-e124.

Moayyedi P, Eikelboom JW, Bosch J, Connolly S, Dyal L, Shestakovska O, Leong D, Anand SS, Stork S, Branch KR, Phatt DL, Verhamme PB, O'Donnell M, Maggioni A, Lonn EM, Piegas LS, Ertl G, Keltai M, Brun NC, Muehlhofer E, Dagenais GR, Kim JH, Hori M, Steg G, Hart RG, Diaz R, Alings M, Widimsky P, Avezum A, Probstfield J, Zhu J, Liang Y, Lopez-Jaramillo P, Kakkar AK, Parkhomenko AN, Ryden L, Pogossova N, Dans AL, Lanan F, Commerford, P, Torp-Pedersen C, Guzik TJ, Vinereanu D, Tonkin AM, Lewis BS, Felix C, Yusuf K, Metsarinne KP, Fox KA, Yusuf S. Pantoprazole to prevent gastroduodenal events in patients receiving Rivaroxaban and/or aspirin in a Randomised, double-blind, placebo controlled trial. *Gastroenterology*. 2019 Aug;157(2):403-412.

Pare G, Caku A, McQueen M, Anand S, Enas E, Clarke R, Boffa M, Koschinsky M, Wang X, Yusuf S. Lipoprotein(a) levels and the risk of myocardial infarction among 7 ethnic groups. *Circulation*. 2019 Mar 19;139(12):1472-1482.

Pastori D, Eikelboom JW, Anand SS, Patel MR, Tanguay JF, Riccio JB, Debus ES, Mazzolai L, Bauersachs R, Verhamme P, Bosch J, Nikol S, Nehler M, Aboyans V, Violi F. Management of Patients with Asymptomatic and Symptomatic Carotid Artery Disease: Update on Anti-Thrombotic Therapy. *Thrombosis and Haemostasis*. 2019 Apr;119(4):576-585.

Rafiq T, Anand SS, Yusuf S, MacDonald S, Wahi G, Abdalla N, Desai D, Morrison K, Atkinson S, Schulze K, Teo KK. Associations of cardiometabolic outcomes with indices of obesity in children ages 5 years and younger. *PLoS One*. 2019 Jul 5;14(7):e0218816.

Ranelli L, Kaplovitch E, Anand SS. Oral Hypoglycemics in Patients with type 2 Diabetes and Peripheral Artery Disease. *Canadian Journal of General Internal Medicine*. 2019 May 21;14(2):13-17.

Teo KK, Rafiq T, Anand SS, Schulze KM, Yusuf S, McDonald SD, Wahi G, Abdalla N, Desai D, Atkinson SA, Morrison KM. Associations of cardiometabolic outcomes with indices of obesity in children aged 5 years and younger. *PloS One*. 2019 Jul 5;14(7):e0218816.

Wahi G, Wilson J, Oster R, Rain P, Jack SM, Gittelsohn J, Kandasamy S, de Souza RJ, Martin CL, Toth E, Bruce S, Anand SS. Strategies for promoting healthy nutrition and physical activity among young children: Priorities of Two Indigenous Communities in Canada. *Current Developments in Nutrition*. 2019 Nov 28;4(1):nzz137.

Wellington N, Shanmuganathan M, de Souza R, Zulyniak M, Azab S, Bloomfield J, Mell A, Ly R, Desai D, Anand SS, Britz-McKibbin P. Metabolic trajectories following contrasting prudent and western diets from provisions: Identifying Robust Biomarkers of Short-Term Changes in Habitual Diet. *Nutrients*. 2019 Oct 9;11(10):2407.

## Book Chapter

Kandasamy S, Philip J, Anand, SS. Women and Cardiovascular disease. In: Prabhakaran D, Krishna Kumar R, Naik N, Kaul U (Eds.). *Tandon's Textbook of Cardiology*. 2019;37.

## ARNOLD, D

Arnold DM, Jamula E, Heddle NM, Cook RJ, Hsia C, Sholzberg M, Lin Y, Kassis J, Blostein M, Larratt L, Amini S, Schipperus M, Carruthers J, Lane SJ, Li N, Kelton JG. Peri-Operative Eltrombopag or Immune Globulin for Patients with Immune Thrombocytopenia (The Bridging ITP Trial): Methods and Rationale. 2019 Mar;119(3):500-507.

Baker JM, Shehata N, Bussel J, Murphy MF, Greinacher A, Bakchoul T, Massey E, Lieberman L, Landry D, Tanael S, Arnold DM, Baidya S, Bertrand G, Kjaer M, Kaplan C, Kjeldsen-Kragh J, Oepkes D, Savoia H, Ryan G, Hume H, on behalf of the International Collaboration for Transfusion Medicine Guidelines (ICTMG). Postnatal intervention for the treatment of FNAIT: a systematic review. *Journal of Perinatology*. 2019 Oct;39(10):1329-1339.

Bussel JB, Arnold DM, Boxer MA, Cooper N, Mayer J, Zayed H, Tong S, Duliege AM. Long-term fostamatinib treatment of adults with immune thrombocytopenia (ITP) during the Phase 3 clinical trial program. *American Journal of Hematology*. 2019 May;94(5):546-53.

Callum JL, Yeh CH, Petrosioniak A, McVey MJ, Cope S, Thompson T, Chin V, Karkouti K, Nathens AB, Murto K, Beno S, Pendergrast J, McDonald A, MacDonald R, Adhikari NKJ, Alam A, Arnold D, Barratt L, Beckett A, Brennehan S, Chaudhry HR, Collins A, Harvey M, Lampron J, Margarido C, McFarlan A, Nascimento B, Owens W, Pai M, Rizoli S, Ruijs T, Skeate R, Skelton T, Sholzberg M, Syer K, Viveiros JL, Theriault J, Timmouth A, Van Heest R, White S, Zeller M, Pavenski K. A regional massive hemorrhage protocol developed through a modified Delphi technique. 2019 Sep 3;7(3):E546-E561.

Douketis JD, Spyropoulos AC, Duncan J, Carrier M, Le Gal G, Tafur AJ, Vanassche T, Verhamme P, Shivakumar S, Gross PL, Lee AYY, Yeo E, Solymoss S, Kassis J, Le Templier G, Kowalski S, Blostein M, Shah V, MacKay E, Wu C, Clark NP, Bates SM, Spencer FA, Arnaoutoglou E, Coppens M, Arnold DM, Caprini JA, Li N, Moffat KA, Syed S, Schulman S. Perioperative Management of Patients With Atrial Fibrillation Receiving a Direct Oral Anticoagulant. *JAMA Internal Medicine*. 2019 Nov 1;179(11):1469-1478.

Heddle NM, Cook RJ, Liu Y, Zeller M, Barty RL, Acker JP, Eikelboom J, Arnold DM. The association between blood donor sex and age and transfusion recipient mortality: An exploratory analysis. *Transfusion*. 2019 Feb;59(2):482-91.

Huyn A, Arnold DM, Kelton JG, Smith JW, Horsewood P, Clare R, Guarne A, Nazy I. Characterization of platelet factor 4 amino acids that bind pathogenic antibodies in heparin-induced thrombocytopenia. *Journal of Thrombosis and Haemostasis*. 2019 Feb;17(2):389-399.

Ivetic N, Arnold DM, Smith JW, Huynh A, Kelton JG, Nazy I. A platelet viability assay (PVA) for the diagnosis of heparin-induced thrombocytopenia. *Platelets*. 2019;30(8): 1017-1021.

Kjaer M, Bertrand G, Bakchoul T, Massey E, Baker JM, Lieberman L, Tanael S, Greinacher A, Murphy MF, Arnold DM, Baidya S, Bussel J, Hume H, Kaplan C, Oepkes D, Ryan G, Savoia H, Shehata N, Kjeldsen-Kragh J, on behalf of International Collaboration for Transfusion Medicine Guidelines. Maternal HPA-1a antibody level and its role in predicting the severity of Fetal/Neonatal Alloimmune Thrombocytopenia: a systematic review. *Vox*. 2019 Jan;114:79-94.

Lieberman L, Greinacher A, Murphy MF, Bussel J, Bakchoul T, Corke S, Kjaer M, Kjeldsen-Kragh J, Bertrand G, Oepkes D, Baker JM, Hume H, Massey E, Kaplan C, Arnold DM, Baidya S, Ryan G, Savoia H, Landry D, Shehata N for the International Collaboration for Transfusion Medicine Guidelines (ICTMG). Fetal and Neonatal Alloimmune Thrombocytopenia: Recommendations for Evidence-Based Practice,



An International Approach. *British Journal of Haematology*. 2019 May;185(3):549-62.

Mithoowani S, Arnold DM. First-Line Therapy for Immune Thrombocytopenia. *Hamostaseologie*. 2019 Aug;39(3):259-65.

Neunert C, Terrell DR, Arnold DM, Buchanan G, Cines DB, Cooper N, Cuker A, Despotovic JM, George JN, Grace RF, Kühne T, Kuter DJ, Lim W, McCrae KR, Pruitt B, Shimanek H, Vesely SK. American Society of Hematology 2019 guidelines for immune thrombocytopenia. *Blood Advances*. 2019 Dec 10;3(23):3829-3866.

Ning S, Liu Y, Barty RL, Cook RJ, Rochweg B, Iorio A, Warkentin TE, Heddle NM, Arnold DM. The association between platelet transfusions and mortality in patients with critical illness. *Transfusion*. 2019 Jun;59(6):1962-1970.

Ning S, Solh Z, Arnold DM, Morin PA. Premedication for the prevention of nonhemolytic transfusion reactions: a systematic review and meta-analysis. *Transfusion*. 2019 Dec;59(12):3609-3616.

Provan D, Arnold DM, Bussell JB, Chong BH, Cooper N, Gernsheimer T, Ghanima W, Godeau B, González-López TJ, Grainger J, Hou M, Kruse C, McDonald V, Michel M, Newland AC, Pavord S, Rodeghiero F, Scully M, Tomiyama Y, Wong RS, Zaha F, Kuter DJ. Updated international consensus report on the investigation and management of primary immune thrombocytopenia. *Blood Advances*. 2019 Nov 26;3(22):3780-3817.

Vrbensky JR, Moore JE, Arnold DM, Smith JW, Kelton JG, Nazy I. The Sensitivity and Specificity of Platelet Autoantibody Testing in Immune Thrombocytopenia: A Systematic Review and Meta-Analysis of a Diagnostic Test. *Journal of Thrombosis and Haemostasis*. 2019 May;17(5):787-794.

Warkentin TE, Sheppard JI, Smith JW, Arnold DM, Nazy I. Timeline of heparin-induced thrombocytopenia seroconversion in serial plasma samples tested using an automated latex immunoturbidimetric assay. *International Journal of Laboratory Hematology*. 2019 Aug;41(4):493-502.

Zeller MP, Rochweg B, Jamula E, Li N, Hillis C, Acker JP, Runciman RJR, Lane SJ, Ahmed N, Arnold DM, Heddle NM. Sex-mismatched red blood cell transfusions and mortality: A systematic review and meta-analysis. *Vox Sang*. 2019 Jul; 114(5):505-516.

## Book Chapter

Warkentin TE, Mithoowani S, Arnold DM. Acquired Thrombocytopenia. In: Lazarus HM, Schmaier AH (Eds). *Concise Guide to Hematology*. Switzerland: Springer Nature, 2019;14,135-148.

## BARR, R

Anazodo A, Laws P, Logan S, Saunders C, Travaglia J, Gerstl B, Bradford N, Birdsall M, Barr R, Suzuki N, Takae S, Marinho R, Xiao S, Qiong-Hua C, Mahajan N, Patil M, Gunashella S, Smith K, Sender S, Melo C, Santos TA, Salama M, Appiah L, Su I, Lane S, Woodruff TK, Pacey A, Anderson R, Shenfield F, Ledger W, Sullivan E. How can we improve oncofertility care for patients? A systematic scoping review of current international practice and models of oncofertility care. *Human Reproduction Update*. 2019 Mar 1;25(2) 159-179.

Anazodo A, Laws P, Logan S, Saunders C, Travaglia J, Gerstl B, Bradford N, Cohn R, Birdsall M, Barr R, Suzuki N, Takae S, Marinho R, Xiao S, Chen QH, Mahajan N, Patil M, Gunasheela D, Smith K, Sender L, Melo C, Almeida-Santos T, Salama M, Appiah L, Su I, Lane S, Woodruff TK, Pacey A, Anderson RA, Shenfield F, Sullivan E, Ledger W. The Development of an International Oncofertility Competency Framework: A Model to Increase Oncofertility Implementation. *Oncologist*. 2019 Dec;24(12):e1450-e1459.

Barr RD, Feeny DA. Health-related quality of life in adolescents and young adults with cancer – including a focus on economic evaluation. *Pediatric Blood and Cancer*. 2019 Aug;66(8):e27808.

DePauw S, Rae C, Schacter B, Rogers P, Barr R. Evolution of adolescent and young adult oncology in Canada. *Current Oncology*. 2019 Aug;26(4):228-233.

Gray N, Chanoine J-P, Farmer MY, Jarvis JD, Armstrong K, Barr RD, Faunce TA, Lashley PM, Ndikumwenayo F, Hauerslev M, Karekezi CW, Klein JD. NCDs and the WHO Essential Medicines Lists: Children need universal health coverage too. *Lancet Child and Adolescent Health*. 2019 Nov;3(11):756-757.

Ladas EJ, Gunter M, Huybrechts I, Barr RD. A global strategy for building clinical capacity and advancing research in the context of malnutrition and cancer in children within low and middle-income countries. *Journal of the National Cancer Institute Monograph*. 2019 Sep 1;2019(54):149-151.

Ma J, Siminoski K, Alos N, Halton J, Ho J, Cummings E, Shenouda Z, Matzinger MA, Lentle B, Jaremko J, Wilson B, Stephure D, Stein R, Sbrocchi AM, Rodd C, Lewis VA, Laverdiere C, Israels S, Grat R, Fernandez CV, Dix DB, Couch R, Cairney E, Barr R, Atkinson S, Abish S, Moher D, Rauch F, Ward LM. Impact of vertebral fractures and glucocorticoid exposure on height deficits in children during treatment for acute lymphoblastic leukemia. *Journal of Clinical Endocrinology and Metabolism*. 2019 Feb 1;104(2):213-222.

Salsman JM, Bingen K, Barr RD, Freyer DR. Understanding, measuring and addressing the financial impact of cancer on adolescents and young adults. *Pediatric Blood and Cancer*. 2019;66(7):e27660.

Spreafico F, Murelli M, Timmons BW, Massimino M, Barr R. Sports activities and exercise as part of routine cancer care in children and adolescents. *Pediatric Blood and Cancer*. 2019 Aug;66(8):e27826.

Totadri S, Trehan A, Mahajan D, Viani K, Barr R, Ladas EJ. Validation of an algorithmic nutritional approach in children undergoing chemotherapy for cancer. *Pediatric Blood and Cancer*. 2019 Dec;66(12):e27980.

Villanueva G, Blanco J, Rivas S, Molina AL, Lopez N, Fuentes AL, Muller L, Caceres A, Antillon F, Ladas E, Barr RD. Nutritional status at diagnosis of cancer in children and adolescents in Guatemala and its relationship to socioeconomic disadvantage: A retrospective cohort study. *Pediatric Blood and Cancer*. 2019 Jun;66(6):e27647.

## Book Chapter

Bleyer A, Ferrari A, Whelan J, Barr R. Cancers in adolescents and young adults. In: *Cancer. Principles and Practice of Oncology*, (11th edition.). Wolters Kluwer. 2019.

## BATES, S

Douketis JD, Spyropoulos AC, Duncan J, Carrier M, Le Gal G, Tafur AJ, Vanassche T, Verhamme P, Shivakumar S, Gross PL, Lee AYY, Yeo E, Solymoss S, Kassis J, Le Templier G, Kowalski S, Blostein M, Shah V, MacKay E, Wu C, Clark NP, Bates SM, Spencer FA, Arnaoutoglou E, Coppens M, Arnold DM, Caprini JA, Li N, Moffat KA, Syed S, Schulman S. Perioperative management of patients with atrial fibrillation receiving a direct oral anticoagulant. *JAMA Internal Medicine*. 2019 Nov1;179(11):1469-1478.

Kearon C, de Wit K, Parpia S, Schulman S, Afilalo M, Hirsch A, Spencer FA, Sharma S, D'Aragon F, Deshaies J-F, Le Gal G, Lazo-Langner A, Wu C, Rudd-Scott, Bates SM, Julian JA for the PEGeD Study Investigators. Diagnosis of pulmonary embolism with D-dimer adjusted to clinical probability. *New England Journal of Medicine*. 2019;381:2125-2134.

## Book Chapter

Bates SM. Thrombophilia in Pregnancy. In: *Kitchens CS, Kessler CM, Konkle BA, Streif MB, Garcia DA (Eds). Consultative Hemostasis and Thrombosis*, 4th edition. Philadelphia PA: Elsevier. 2019;665-695.

## PUBLICATIONS

### BEAUCHAMP, M

Beauchamp MK. Balance assessment in people with COPD: an evidence-based guide. *Chronic Respiratory Disease*. 2019 Jan-Dec;16:1479973118820311.

Beauchamp MK, Ward R, Jette AM, Bean JF. Meaningful change estimates for the Late-Life Function and Disability Instrument in older adults. *Journals of Gerontology, Series A, Biological Sciences and Medical Sciences*. 2019 Mar 14;74(4):556-559.

McLay R, O'Hoski S, Beauchamp MK. The Role of Muscle Strength in Balance Assessment and Treatment in COPD. *Cardiopulmonary Physical Therapy Journal*. 2019 Jan;30(1):35-43.

### BERCIK, P

Barbara G, Grover M, Bercik P, Corsetti M, Ghoshal UC, Ohman L, Rajilic-Stojanovic M. Rome Foundation Working Team Report on Post-Infection Irritable Bowel Syndrome. *Gastroenterology*. 2019 Jan;156(1):46-58.e7.

Caminero A, McCarville JL, Galipeau HJ, Deraison C, Bernier SP, Constante M, Rolland C, Meisel M, Murray JA, Yu XB, Alaedini A, Coombes BK, Bercik P, Southward CM, Ruf W, Jabri B, Chirido FG, Casqueiro J, Surette MG, Vergnolle N, Verdu EF. Duodenal bacterial proteolytic activity determines sensitivity to dietary antigen through protease-activated receptor-2. *Nature Communications*. 2019 Mar 13;10(1):1198.

Caminero A, McCarville JL, Zevallos VF, Pigray M, Yu XB, Jury J, Galipeau HJ, Clarizio AV, Casqueiro J, Murray JA, Collins SM, Alaedini A, Bercik P, Schuppan D, Verdu EF. Lactobacilli Degrade Wheat Amylase Trypsin Inhibitors to Reduce Intestinal Dysfunction Induced by Immunogenic Wheat Proteins. *Gastroenterology*. 2019 Jun;156(8):2266-2280.

Gorbovskaia I, Kanji S, Liu JCW, MacKenzie NE, Agarwal SM, Marshe VS, Sriretnakumar V, Verdu EF, Bercik P, De Palma G, Hahn MK, Müller DJ. Investigation of the Gut Microbiome in Patients with Schizophrenia and Clozapine-Induced Weight Gain: Protocol and Clinical Characteristics of First Patient Cohorts. *Neuropsychobiology*. 2020;79(1):5-12. Epub 2019 Mar 29.

Ivarsson ME, Durantie E, Huberli C, Huwiler S, Hegde C, Friedman J, Altamura F, Lu J, Verdu EF, Bercik P, Logan SM, Chen W, Leroux JC, Castagner B. Small-Molecule Allosteric Triggers of *Clostridium difficile* Toxin B Auto-proteolysis as a Therapeutic Strategy. *Cell Chemical Biology*. 2019 Jan 17;26(1):17-26.e13.

Keshteli AH, Madsen KL, Mandal R, Boeckxstaens GE, Bercik P, De Palma G, Reed DE, Wishart D, Vanner S, Dieleman LA. Comparison of the metabolomic profiles of irritable bowel syndrome patients with ulcerative colitis patients and healthy controls: new insights into pathophysiology and potential biomarkers. *Alimentary Pharmacology Therapeutics*. 2019 Mar;49(6):723-732.

Narula N, Pinto-Sanchez MI, Calo NC, Ford AC, Bercik P, Reinisch W, Moayyedi P. Anxiety But Not Depression Predicts Poor Outcomes in Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*. 2019 Jun 18;25(7):1255-1261.

Turna J, Grosman Kaplan K, Patterson B, Bercik P, Anglin R, Soreni N, Van Ameringen M. Higher prevalence of irritable bowel syndrome and greater gastrointestinal symptoms in obsessive-compulsive disorder. *Journal of Psychiatric Research*. 2019 Nov;118:1-6.

Yamamoto M, Pinto-Sanchez MI, Bercik P, Britz-McKibbin P. Metabolomics reveals elevated urinary excretion of collagen degradation and epithelial cell turnover products in irritable bowel syndrome patients. *Metabolomics*. 2019 May 20;15(6):82.

### BRIMBLE, S

Bello AK, Ronskley PE, Tangri N, Kurzawa J, Osman MA, Singer A, Grill AK, Nitsch D, Queenan JA, Wick J, Lindeman C, Soos B, Tuot

DS, Shojai S, Brimble KS, Mangin D, Drummond N. Quality of Chronic Kidney Disease Management in Canadian Primary Care. *JAMA Network Open*. 2019 Sep 4;2(9):e1910704.

Bello AK, Ronskley PE, Tangri N, Kurzawa J, Osman MA, Singer A, Grill A, Nitsch D, Queenan JA, Wick J, Lindeman C, Soos B, Tuot DS, Shojai S, Brimble S, Mangin D, Drummond N. Prevalence and Demographics of CKD in Canadian Primary Care Practices: A Cross-sectional Study. *Kidney International Reports*. 2019 Jan 21;4(4):561-570.

Collister D, Pyne L, Cunningham J, Donald M, Molnar A, Beaulieu M, Levin A, Brimble KS. Multidisciplinary Chronic Kidney Disease Clinic Practices: A Scoping Review. *Canadian Journal of Kidney Health and Disease*. 2019 Oct 18;6:2054358119882667.

Collister D, Rodrigues JC, Mazzetti A, Salisbury K, Morosin L, Rabbat C, Brimble KS, Walsh M. Single Questions for the Screening of Anxiety and Depression in Hemodialysis. *Canadian Journal of Kidney Health Disease*. 2019 Jan 24;6:2054358118825441.

Collister D, Healey JS, Conen D, Brimble KS, Rigatto C, Harel Z, Sood MM, Walsh M. Canadian Nephrologist Views Regarding Stroke and Systemic Embolism Prevention in Dialysis Patients With Nonvalvular Atrial Fibrillation: A Survey. *Canadian Journal of Kidney Health Disease*. 2019 Jan 8;6:2054358118821945.

Donald M, Beanlands H, Straus S, Ronskley P, Tam-Tham H, Finlay J, Smekal M, Elliott MJ, Farragher J, Herrington G, Harwood L, Large CA, Large CL, Waldvogel B, Delgado ML, Sparkes D, Tong A, Grill A, Novak M, James MT, Brimble KS, Samuel S, Tu K, Hemmelgarn BR. Preferences for a self-management e-health tool for patients with chronic kidney disease: results of a patient-oriented consensus workshop. *CMAJ Open*. 2019 Dec 10;7(4):E713-E720.

Donald M, Beanlands H, Straus S, Ronskley P, Tam-Tham H, Finlay J, MacKay J, Elliott M, Herrington G, Harwood L, Large CA, Large CL, Waldvogel B, Sparkes D, Delgado M, Tong A, Grill A, Novak M, James MT, Brimble KS, Samuel S, Hemmelgarn BR. Identifying Needs for Self-management Interventions for Adults With CKD and Their Caregivers: A Qualitative Study. *American Journal of Kidney Disease*. 2019 Oct;74(4):474-482.

Hassan R, Akbari A, Brown PA, Hiremath S, Brimble KS, Molnar AO. Risk Factors for Unplanned Dialysis Initiation: A Systematic Review of the Literature. *Canadian Journal of Kidney Health and Disease*. 2019 Mar 13;6:2054358119831684.

Nash DM, Markle-Reid M, Brimble KS, McArthur E, Roshanov PS, Fink JC, Weir MA, Garg AX. Nonsteroidal anti-inflammatory drug use and risk of acute kidney injury and hyperkalemia in older adults: a population-based study. *Nephrology, Dialysis, Transplantation*. 2019 Jul 1;34(7):1145-1154.

### CANERS, K

Chaplin T, Thoma B, Petrosoniak A, Caners K, McColl T, Forristal C, Dakin C, Deshaies JF, Raymond-Dufresne E, Fotheringham M, Ha D, Holm N, Huffman J, Lonergan AM, Mastoras G, O'Brien M, Paradis MR, Sowers N, Stern E, Hall AK. Simulation-based research in emergency medicine in Canada: Priorities and perspectives. *Canadian Journal of Emergency Medicine*. 2020 Jan;22(1):103-111.

Sibbald M, Caners K, Wang B. Managing cognitive load in simulations: exploring the role of simulation technologists. *Canadian Medical Education Journal*. 2019 Nov;10(4):e48-56.

### CHAN, N

Chan NC, Eikelboom JW. How I manage anticoagulant therapy in older individuals with atrial fibrillation or venous thromboembolism. *Blood*. 2019 May 23;133(21):2269-2278.

Chan NC, Weitz JI. Antiplatelet Drugs in the Management of Venous Thromboembolism, Cardioembolism, Ventricular Assist Devices, and Pregnancy Complications. *Platelets: Academic Press*. 2019;1067-77.

Chan NC, Weitz JI. Antithrombotic agents: new directions in antithrombotic therapy. *Circulation Research*. 2019 Feb;124(3):426-436.

Chan NC, Weitz JI. Rivaroxaban for prevention and treatment of venous thromboembolism. *Future Cardiology*. 2019 Mar;15(2):63-77.

De Caterina R, Ageno W, Agnelli G, et al. The non-vitamin K antagonist oral anticoagulants in heart disease: section V—special situations. *Thrombosis and Haemostasis*. 2019 Jan;119(1):14-38.

Hirsh J, Eikelboom JW, Chan NC. Fifty years of research on antithrombotic therapy: Achievements and disappointments. *European Journal of Internal Medicine*. 2019 Dec;70:1-7.

Lim MS, Indran T, Cummins A, et al. Utility of a nurse-led pathway for patients with acute venous thromboembolism discharged on rivaroxaban: a prospective cohort study. *Seminars in Thrombosis and Hemostasis*. 2019 Mar;45(2):187-195.

Weitz JI, Chan NC. Advances in antithrombotic therapy. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2019 Jan;39(1):7-12.

Weitz JI, Chan NC. Are Ticks the Answer to Medical Device-Associated Clotting?. *Journal of the American College of Cardiology*. 2019 Oct 29;74(17):2190-2192.

Weitz JI, Chan NC. MAA868 locks factor XIa in a zymogen-like state. *Blood*. 2019 Mar 28;133(13):1393-1394.

Xu K, Chan NC. Bleeding in patients with atrial fibrillation treated with combined antiplatelet and anticoagulant therapy: time to turn the corner. *Annals of Translational Medicine*. 2019 Sep;7(Suppl 6):S198.

Xu K, Chan NC, Ibrahim Q, et al. Reduction in mortality following elective major hip and knee surgery: a systematic review and meta-analysis. *Thrombosis and Haemostasis*. 2019 Apr;119(4):668-674.

Xu K, Ye S, Zhang S, Yang M, Zhu T, Kong D, Chen J, Xu L, Li J, Zhu H, Wang F, Yang L, Zhang J, Fan Y, Ying L, Hu X, Zhang X, Chan NC, Li C. Impact of platelet endothelial aggregation receptor-1 genotypes on platelet reactivity and early cardiovascular outcomes in patients undergoing percutaneous coronary intervention and treated with aspirin and clopidogrel. *Circulation. Cardiovascular Interventions*. 2019 May;12(5):e007019.

## CHAN, T

Acai A, Li SA, Sherbino J, Chan TM. Attending Emergency Physician's Perceptions of a Programmatic Workplace-Based Assessment System: The McMaster Modular Assessment Program (McMAP). *Teaching and Learning in Medicine*. 2019 Aug-Sep;31(4):434-444.

Azan B, Innes ME, Thoma B, Lin M, Van Duyvendyk A, Poonja Z, Chan TM. How I Work Smarter: A Qualitative Analysis of Emergency Physicians' Strategies for Clinical and Non-clinical Productivity. *Cureus*. 2019 Apr 18;11(4):e4499.

Baylis J, Miloslavsky EM, Woods R, Chan TM. Conquering Consultations: A Guide to Advances in the Science of Referral-Consultation Interactions for Residency Education. *Annals of Emergency Medicine*. 2019 Jul;74(1):119-125.

Bazak S, Sherbino J, Upadhye S, Chan TM. Ascertaining Top Evidence in Emergency Medicine: A modified Delphi Study. *Canadian Journal of Emergency Medicine*. 2019 Mar;21(2):291-295.

Bigham B, Chan T, Skitch S, Fox-Robichaud A. Attitudes of emergency department physicians and nurses towards implementation of an early warning score to identify critically ill patients: qualitative explanations for failed implementation. *Canadian Journal of Emergency Medicine*. 2019 Mar;21(2):269-273.

Chan TM, Bhalerao A, Thoma B, Trueger NS, Grock A. Thinking critically about Appraising FOAM. *AEM Education and Training*. 2019 May 23;3(4):398-402.

Chan TM, Kuehl D. On Lampposts, Sneetches, and Stars: A call to

go beyond Bibliometrics for determining Academic Value. *Academic Emergency Medicine*. 2019 Jun;26(6):688-694.

Chan TM, Van Dewark K, Sherbino J, Lineberry, M. Coaching for Chaos: A qualitative study of instructional methods for multipatient management in the emergency department. *AEM Education and Training*. 2019 Dec 28;3(2):145-155.

Chorley AG, Walton JM, Montesanto B, Chan TM. Developing Residents as Medical Educators via the McMaster Multidisciplinary Academic Day Planning Committee. *Cureus*. 2019 Oct 7; 11(10):e5855.

Colmers-Gray IN, Krishnan K, Chan TM, Trueger NS, Paddock M, Grock A, Zaver F, Thoma B. The revised METRIQ Score: A quality evaluation tool for online educational resources. *Academic Emergency Medicine: Education and Training*. 2019 Jul 30;3(4):387-392.

Dove C, Chan TM, Thoma B, Roland D, Brujins SR. A cross-sectional description of open access publication costs, policies and impact in emergency and critical care journals. *African Journal of Emergency Medicine*. 2019 Sep; 9(3):150-155.

Grock A, Bhalerao A, Chan TM, Thoma B, Wescott AB, Trueger NS. Systematic Online Academic Resource (SOAR) Review: Renal and Genitourinary. *AEM Education and Training*. 2019 May 23;3(4):375-386.

Hernandez J, Jeong ES, Chan TM. Prompting Paramedics: The Effect of Simulation on Paramedics' Identification of Learning Objectives. *Cureus*. 2019 Aug 11;11(8):e5362.

Krzyzaniak SM, Gottlieb M, Parsons M, Rocca N, Chan TM. What Emergency Medicine Rewards: The State of Canadian and American Awards in Emergency Medicine. *Annals of Emergency Medicine*. 2019 Dec;74(6):753-758.

Lopez M, Chan TM, Thoma B, Arora VM, Trueger NS. The Social Media Editor Role at Medical Journals: Responsibilities, Challenges, and Opportunities. *Academic Medicine*. 2019 May;94(5):701-707.

MacKenzie C, Chan TM, Mondoux S. Clinical improvement interventions for residents and practicing physicians: A scoping review of coaching and mentoring for practice improvement. *AEM Education and Training*. 2019 Apr 24;3(4):353-364.

Monteiro S, Sullivan G, Chan TM. Generalizability Made Simple(r): An Introductory Primer to G-studies. *Journal of Graduate Medical Education*. 2019 Aug;11(4):365-370.

Quinn A, Gottlieb M, Chan TM, Nickson CP, Mitzman J, Natesan S, Stehman C, Young A, Messman A. Curated Collections for Educators: Five Key Papers on Clinical Teaching. *Cureus*. 2019 Nov 6;11(11):e6048.

Stefan A, Hall J, Sherbino J, Chan TM. Faculty development in the age of competency-based medical education: a needs assessment of Canadian emergency medicine faculty and senior trainee. *Canadian Journal of Emergency Medicine*. 2019 Jul;21(4):527-534.

Ting D, Thoma B, Lockett-Gatopoulos S, Thomas AD, Syed AS, Bravo M, Zaver F, Purdy E, Kwok E, Chan TM. CanadiEM: Accessing a virtual community of practice to create a Canadian national medical education institution. *AEM Education & Training*. 2019;3(1):86-91.

Thoma B, Chan TM. Using Google Scholar to track the scholarly output of research groups. *Perspectives on Medical Education*. 2019 Jun;8(3):201-205.

Thoma B, Turnquist A, Zaver F, Hall AK, Chan TM. Communication, Learning, and Assessment: Exploring the Dimensions of the Digital Learning Environment. *Medical Teacher*. 2019 Apr;41(4):385-390.

Tseng EK, Jo D, Shih AW, De Wit K, Chan TM. Window to the Unknown: Using Storytelling to Identify Needs for the Intrinsic Competencies Within an Online Needs Assessment. *AEM Education and Training*. 2019 Jan 6;3(2):179-187.

Tsoy D, Sneath P, Rempel J, Huang S, Bodnariuc N, Mercuri M, Pardhan A, Chan TM. Creating GridlockED: A serious game for teach-



# PUBLICATIONS

ing about multipatient environments. *Academic Medicine*. 2019 Jan;94(1):66-70.

Yarris LM, Chan TM, Gottlieb M, Miller Juve A. Finding Your People in the Digital Age: Virtual Communities of Practice to Promote Education Scholarship. *Journal of Graduate Medical Education*. 2019 Feb;11(1):1-5.

## CHU, D

Bousquet J, Bedbrook A, Czarlewski W, Onorato GL, Arnavielhe S, Laune D, Mathieu-Dupas E, Fonseca J, Costa E, Lourenço O, Morais-Almeida M, Todo-Bom A, Illario M, Menditto E, Canonica GW, Cecchi L, Monti R, Napoli L, Ventura MT, De Feo G, Fokkens WJ, Chavannes NH, Reitsma S, Cruz AA, da Silva J, Serpa FS, Larenas-Linnemann D, Fuentes Perez JM, Huerta-Villalobos YR, Rivero-Yeverino D, Rodriguez-Zagal E, Valiulis A, Dubakiene R, Emuzyte R, Kvedariene V, Annesi-Maesano I, Blain H, Bonniaud P, Bosse I, Dauvilliers Y, Devillier P, Fontaine JF, Pépin JL, Pham-Thi N, Portejoie F, Picard R, Roche N, Rolland C, Schmidt-Grendelmeier P, Kuna P, Samolinski B, Anto JM, Cardona V, Mullol J, Pinnock H, Ryan D, Sheikh A, Walker S, Williams S, Becker S, Klimek L, Pfaar O, Bergmann KC, Mösges R, Zuberbier T, Roller-Wirnsberger RE, Tomazic PV, Haahtela T, Salimäki J, Toppila-Salmi S, Valovirta E, Vasankari T, Gemicio lu B, Yorgancioglu A, Papadopoulos NG, Prokopakis EP, Tsiligianni IG, Bosnic-Anticevich S, O'Hehir R, Ivancevich JC, Neffen H, Zernotti ME, Kull I, Melén E, Wickman M, Bachert C, Hellings PW, Brusselle G, Palkonen S, Bindslev-Jensen C, Eller E, Wasserman S, Boulet LP, Bouchard J, Chu DK, Schünemann HJ, Sovia M, De Vries G, van Eerd M, Agache I, Anotegui IJ, Bewick M, Casale T, Dykewicz M, Ebisawa M, Murray R, Naclerio R, Okamoto Y, Wallace DV; The MASK study group. Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. *Clinical and Translational Allergy*. 2019 Mar 11;9:16.

Bousquet J, Pfaar O, Togias A, Schünemann HJ, Anotegui I, Papadopoulos NG, Tsiligianni I, Agache I, Anto JM, Bachert C, Bedbrook A, Bergmann KC, Bosnic-Anticevich S, Bosse I, Brozek J, Calderon MA, Canonica GW, Caraballo L, Cardona V, Casale T, Cecchi L, Chu D, Costa E, Cruz AA, Czarlewski W, Durham SR, Du Toit G, Dykewicz M, Ebisawa M, Fauquert JL, Fernandez-Rivas M, Fokkens WJ, Fonseca J, Fontaine JF, Gerth van Wijk R, Haahtela T, Halken S, Hellings PW, Ierodiakonou D, Iinuma T, Ivancevich JC, Jacobsen L, Jutel M, Kaidashev I, Khaitov M, Kalayci O, Kleine Tebbe J, Klimek L, Kowalski ML, Kuna P, Kvedariene V, La Grutta S, Larenas-Linnemann D, Lau S, Laune D, Le L, Lodrup Carlsen K, Lourenço O, Malling HJ, Marien G, Menditto E, Mercier G, Mullol J, Muraro A, O'Hehir R, Okamoto Y, Pajno GB, Park HS, Panzner P, Passalacqua G, Pham-Thi N, Roberts G, Pawankar R, Rolland C, Rosario N, Ryan D, Samolinski B, Sanchez-Borges M, Scadding G, Shamji MH, Sheikh A, Sturm GJ, Todo Bom A, Toppila-Salmi S, Valentin-Rostan M, Valiulis A, Valovirta E, Ventura MT, Wahn U, Walker S, Wallace D, Wasserman S, Yorgancioglu A, Zuberbier T; ARIA Working Group. 2019 ARIA Care pathways for allergen immunotherapy. *Allergy*. 2019 Nov;74(11):2087-2102.

Bousquet J, Pham-Thi N, Bedbrook A, Agache I, Annesi-Maesano I, Anotegui I, Anto JM, Bachert C, Benveniste S, Bewick M, Billo N, Bosnic-Anticevich S, Bosse I, Brusselle G, Calderon MA, Canonica GW, Caraballo L, Cardona V, Carriazo AM, Cash E, Cecchi L, Chu DK, Colgan E, Costa E, Cruz AA, Czarlewski W, Durham SR, Ebisawa M, Erhola M, Fauquert JL, Fokkens WJ, Fonseca JA, Guldemond N, Iinuma T, Illario M, Klimek L, Kuna P, Kvedariene V, Larenas-Linnemann D, Laune D, Le LTT, Lourenço O, Malva JO, Marien G, Menditto E, Mullol J, Münter L, Okamoto Y, Onorato GL, Papadopoulos NG, Perala M, Pfaar O, Phillips A, Phillips J, Pinnock H, Portejoie F, Quinones-Delgado P, Rolland C, Rodts U, Samolinski B, Sanchez-Borges M, Schünemann HJ, Shamji M, Somekh D, Togias A, Toppila-Salmi S, Tsiligianni I, Usmani O, Walker S, Wallace D, Valiulis A, Van der Kleij R, Ventura MT, Williams S, Yorgancioglu A, Zuberbier T. Next-generation care pathways for allergic rhinitis and asthma multimorbidity: a model for multimorbid non-communicable diseases-Meeting Report (Part 1). *Journal of Thoracic Disease*. 2019 Aug;11(8):3633-3642.

Bousquet J, Pham-Thi N, Bedbrook A, Agache I, Annesi-Maesano I, Anotegui I, Anto JM, Bachert C, Benveniste S, Bewick M, Billo N, Bosnic-Anticevich S, Bosse I, Brusselle G, Calderon MA, Canonica GW, Caraballo L, Cardona V, Carriazo AM, Cash E, Cecchi L, Chu DK, Colgan E, Costa E, Cruz AA, Czarlewski W, Durham SR, Ebisawa M, Erhola M, Fauquert JL, Fokkens WJ, Fonseca JA, Guldemond N, Iinuma T, Illario M, Klimek L, Kuna P, Kvedariene V, Larenas-Linnemann D, Laune D, Le LTT, Lourenço O, Malva JO, Marien G, Menditto E, Mullol J, Münter L, Okamoto Y, Onorato GL, Papadopoulos NG, Perala M, Pfaar O, Phillips A, Phillips J, Pinnock H, Portejoie F, Quinones-Delgado P, Rolland C, Rodts U, Samolinski B, Sanchez-Borges M, Schünemann HJ, Shamji M, Somekh D, Togias A, Toppila-Salmi S, Tsiligianni I, Usmani O, Walker S, Wallace D, Valiulis A, Van der Kleij R, Ventura MT, Williams S, Yorgancioglu A, Zuberbier T. Next-generation care pathways for allergic rhinitis and asthma multimorbidity: a model for multimorbid non-communicable diseases-Meeting Report (Part 2). *Journal of Thoracic Disease*. 2019 Sep;11(9):4072-4084.

Bousquet JJ, Schünemann HJ, Togias A, Erhola M, Hellings PW, Zuberbier T, Agache I, Anotegui IJ, Anto JM, Bachert C, Becker S, Bedolla-Barajas M, Bewick M, Bosnic-Anticevich S, Bosse I, Boulet LP, Bourrez JM, Brusselle G, Chavannes N, Costa E, Cruz AA, Czarlewski W, Fokkens WJ, Fonseca JA, Gaga M, Haahtela T, Illario M, Klimek L, Kuna P, Kvedariene V, Le LTT, Larenas-Linnemann D, Laune D, Lourenço OM, Menditto E, Mullol J, Okamoto Y, Papadopoulos N, Pham-Thi N, Picard R, Pinnock H, Roche N, Roller-Wirnsberger RE, Rolland C, Samolinski B, Sheikh A, Toppila-Salmi S, Tsiligianni I, Valiulis A, Valovirta E, Vasankari T, Ventura MT, Walker S, Williams S, Akdis CA, Annesi-Maesano I, Arnavielhe S, Basagana X, Bateman E, Bedbrook A, Bennoor KS, Benveniste S, Bergmann KC, Bialek S, Billo N, Bindslev-Jensen C, Bjermer L, Blain H, Bonini M, Bonniaud P, Bouchard J, Briedis V, Brightling CE, Brozek J, Buhl R, Buonaiuto R, Canonica GW, Cardona V, Carriazo AM, Carr W, Cartier C, Casale T, Cecchi L, Cepeda Sarabia AM, Chkhartishvili E, Chu DK, Cingi C, Colgan E, de Sousa JC, Courbis AL, Custovic A, Cvetkoski B, D'Amato G, da Silva J, Dantas C, Dokic D, Dauvilliers Y, Dedeu A, De Feo G, Devillier P, Di Capua S, Dykewicz M, Dubakiene R, Ebisawa M, El-Gamal Y, Eller E, Emuzyte R, Farrell J, Fink-Wagner A, Fiocchi A, Fontaine JF, Gemicio lu B, Schmid-Grendelmeier P, Gamkrelidze A, Garcia-Aymerich J, Gomez M, González Diaz S, Gotua M, Guldemond NA, Guzmán MA, Hajjam J, O'B Hourihane J, Humbert M, Iaccarino G, Ierodiakonou D, Illario M, Ivancevich JC, Joos G, Jung KS, Jutel M, Kaidashev I, Kalayci O, Kardas P, Keil T, Khaitov M, Khaltayev N, Kleine-Tebbe J, Kowalski ML, Kritikos V, Kull I, Leonardini L, Lieberman P, Lipworth B, Lodrup Carlsen KC, Loureiro CC, Louis R, Mair A, Marien G, Mahboub B, Malva J, Manning P, De Manuel Keenoy E, Marshall GD, Masjedi MR, Maspero JF, Mathieu-Dupas E, Matricardi PM, Melén E, Melo-Gomes E, Meltzer EO, Menditto E, Mercier J, Miculinic N, Mihaltan F, Milenkovic B, Moda G, Mogica-Martinez MD, Mohammad Y, Montefort S, Monti R, Morais-Almeida M, Mösges R, Münter L, Muraro A, Murray R, Naclerio R, Napoli L, Namazova-Baranova L, Neffen H, Nekam K, Neou A, Novellino E, Nyembue D, O'Hehir R, Ohta K, Okubo K, Onorato G, Ouedraogo S, Pali-Schöll I, Palkonen S, Panzner P, Park HS, Pépin JL, Pereira AM, Pfaar O, Paulino E, Phillips J, Picard R, Plavec D, Popov TA, Portejoie F, Price D, Prokopakis EP, Pugin B, Raciborski F, Rajabian-Söderlund R, Reitsma S, Rodo X, Romano A, Rosario N, Rottem M, Ryan D, Salimäki J, Sanchez-Borges MM, Sisul JC, Solé D, Somekh D, Sooronbaev T, Sovia M, Spranger O, Stellato C, Stelmach R, Suppli Ulrik C, Thibaudon M, To T, Todo-Bom A, Tomazic PV, Valero AA, Valenta R, Valentin-Rostan M, van der Kleij R, Vandenplas O, Vezzani G, Viart F, Viegi G, Wallace D, Wagenmann M, Wang Y, Wasserman S, Wickman M, Williams DM, Wong G, Wroczynski P, Yiallourou PK, Yorgancioglu A, Yusuf OM, Zar HJ, Zeng S, Zernotti M, Zhang L, Zhong NS, Zidarn M; ARIA Study Group; MASK Study Group. Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. *Clinical and Translational Allergy*. 2019 Sep 9;9:44.

Chu DK, Abdurrahman Z. Vaccine allergy. *Canadian Medical Association Journal*. 2019 Apr 8;191(14):E395.

Chu DK, Lee DJ, Lee KM, Schünemann HJ, Szczeklik W, Lee JM. Benefits and harms of aspirin desensitization for aspirin-exacer-

bated respiratory disease: a systematic review and meta-analysis. *International Forum of Allergy and Rhinology*. 2019 Dec;9(12):1409-1419.

Chu DK, Wood RA, French S, Fiocchi A, Jordana M, Wasserman S, Brozek JL, Schünemann HJ. Oral immunotherapy for peanut allergy (PACE): a systematic review and meta-analysis of efficacy and safety. *Lancet*. 2019 Jun 1;393(10187):2222-2232.

Jiménez-Saiz R, Ellenbogen Y, Koenig JFE, Gordon ME, Walker TD, Rosace D, Spill P, Bruton K, Kong J, Monteiro K, Wen J, Tuomanen EI, Kolbeck R, Chu DK, Wasserman S, Jordana M. IgG1+ B-cell immunity predates IgE responses in epicutaneous sensitization to foods. *Allergy*. 2019 Jan;74(1):165-175.

Kim LHY, Chu DK, Alhazzani W. Web Exclusive. *Annals for Hospitalists Inpatient Notes - Rethinking Oxygen Therapy for Hospitalized Patients*. *Annals of Internal Medicine*. 2019 Sep 17;171(6):H02-H03.

Nham T, Saleh C, Chu D, Vakaljan SL, Ohayon JA, Siegal DM. Refractory urticaria and the importance of diagnosing Schnitzler's syndrome. *BMJ Case Report*. 2019 Apr 29;12(4):e228546.

McCullagh DJ, Chu DK. Penicillin allergy. *Canadian Medical Association Journal*. 2019 Feb 25;191(8):E231.

## Book Chapter

Chu DK, Albishar S. Food Hypersensitivity. In: Keith P, Marshall J (Eds.). *McMaster Textbook of Internal Medicine*. 2019;B13.II.4.26.

## CLARK, D

Clark, D.A. 2019. Oral tolerance and the materno-fetal relationship. *Journal of Reproductive Immunology*. 2019 Sep;134-135:36-39.

## CONEN, D

Barron CC, Alhussein MM, Kaur U, Cosman TL, Tyagi NK, Brown M, Mukherjee SD, Ellis PM, Dhesy-Thind S, Leong DP. An evaluation of the safety of continuing trastuzumab despite overt left ventricular dysfunction. *Current Oncology*. 2019 Aug;26(4):240-246.

Blum S, Aeschbacher S, Meyre P, Zwimpfer L, Reichlin T, Beer JH, Ammann P, Auricchio A, Kobza R, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Henz S, Meyer-Zürn C, Roten L, Schwenkglens M, Sticherling C, Kühne M, Osswald S, Conen D; Swiss-AF Investigators. Incidence and Predictors of Atrial Fibrillation Progression. *Journal of the American Heart Association*. 2019 Oct 15;8(20):e012554.

Blum S, Meyre P, Aeschbacher S, Berger S, Auberson C, Briel M, Osswald S, Conen D. Incidence and Predictors of Atrial Fibrillation Progression: A Systematic Review and Meta-Analysis. *Heart Rhythm*. 2019 Apr;16(4):502-510.

Brasier N, Engelter S, Kolbitsch T, Tabord A, Knobloch J, Kühne M, Conen D, Traenka C, Kreuzberger T, Völlmin G, Eckstein J. The quest for indicators of paroxysmal atrial fibrillation in sinus rhythm - the DETECT AF trial. *Acta Cardiologica*. 2019 Aug;74(4):301-307.

Collister D, Healey JS, Conen D, Brimble KS, Rigatto C, Harel Z, Sood MM, Walsh M. Canadian Nephrologist Views Regarding Stroke and Systemic Embolism Prevention in Dialysis Patients With Nonvalvular Atrial Fibrillation: A Survey. *Canadian Journal of Kidney Health and Disease*. 2019 Jan 8;6:2054358118821945.

Conen D, Rodondi N, Müller A, Beer JH, Ammann P, Moschovitis G, Auricchio A, Hayoz D, Kobza R, Shah D, Novak J, Schläpfer J, Di Valentino M, Aeschbacher S, Blum S, Meyre P, Sticherling C, Bonati LH, Ehret G, Moutzouri E, Fischer U, Monsch AU, Stippich C, Wuerfel J, Sinnecker T, Coslovsky M, Schwenkglens M, Kühne M, Osswald S, for the Swiss-AF study investigators. Relationships of Overt and Silent Brain Lesions with Cognitive Function in Patients with Atrial Fibrillation. *Journal of the American College of Cardiology*. 2019 Mar 12;73(9):989-999.

Evangelou E, Gao H, Chu C, Ntritsos G, Blakeley P, Butts AR, Pazoki R, Suzuki H, Koskeridis F, Yiorkas AM, Karaman I, Elliott J, Luo Q, Aeschbacher S, Bartz TM, Baumeister SE, Braund PS, Brown MR, Brody JA, Clarke TK, Dimou N, Faul JD, Homuth G, Jackson AU, Kentistou KA, Joshi PK, Lemaitre RN, Lind PA, Lyytikäinen LP, Mangino M, Milanesechi Y, Nelson CP, Nolte IM, Perälä MM, Polasek O, Porteous D, Ratliff SM, Smith JA, Stancáková A, Teumer A, Tuominen S, Thériault S, Vangipurapu J, Whitfield JB, Wood A, Yao J, Yu B, Zhao W, Arking DE, Auvinen J, Liu C, Männikkö M, Risch L, Rotter J1, Snieder H, Veijola J, Blakemore AI, Boehnke M, Campbell H, Conen D, Eriksson JG, Grabe HJ, Guo X, van der Harst P, Hartman CA, Hayward C, Heath AC, MR Jarvelin, Kähönen M, Kardia SLR, Kühne M, Kuusisto J, Laakso M, Lahti J, Lehtimäki T, McIntosh AM, Mohlke KL, Morrison AC, Martin NG, Oldehinkel AJ, Penninx BWJH, Psaty BM, Raitakari OT, Rudan I, Samani NJ, Scott LJ, Spector TD, Verweij N, Weir DR, Wilson JF, Levy D, Tzoulaki I, Bell JD, Matthews PM, Rothenfluh A, Desrivieres S, Schumann G, Elliott P. New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. *Nature Human Behaviour*. 2019 Sep;3(9):950-961.

Froehlich L, Meyre P, Aeschbacher S, Blum S, Djokic D, Kuehne M, Osswald S, Kaufmann BA, Conen D. Left atrial dimension and cardiovascular outcomes in patients with and without atrial fibrillation: a systematic review and meta-analysis. *Heart*. 2019 Dec;105(24):1884-1891.

Giri A, Hellwege JN, Keaton JM, Park J, Qiu C, Warren HR, Torstenson ES, Kovacs CP, Sun YV, Wilson OD, Robinson-Cohen C, Roumie CL, Chung CP, Birdwell KA, Damrauer SM, DuVall SL, Klarin D, Cho K, Wang Y, Evangelou E, Cabrera CP, Wain LV, Shrestha R, Mautz BS, Akwo EA, Sargurupremraj M, Debette S, Boehnke M, Scott LJ, Luan J, Zhao JH, Willems SM, Thériault S, Shah N, Oldmeadow C, Almgren P, Li-Gao R, Verweij N, Boutin TS, Mangino M, Ntalla I, Feofanova E, Surendran P, Cook JP, Karthikeyan S, Lahrouchi N, Liu C, Sepúlveda N, Richardson TG, Kraja A, Amouyel P, Farrall M, Poulter NR; Understanding Society Scientific Group; International Consortium for Blood Pressure; Blood Pressure-International Consortium of Exome Chip Studies, Laakso M, Zeggini E, Sever P, Scott RA, Langenberg C, Wareham NJ, Conen D, Palmer CNA, Attia J, Chasman DI, Ridker PM, Melander O, Mook-Kanamori DO, Harst PV, Cucca F, Schlessinger D, Hayward C, Spector TD, Jarvelin MR, Hennig BJ, Timpson NJ, Wei WQ, Smith JC, Xu Y, Matheny ME, Siew EE, Lindgren C, Herzig KH, Dedoussis G, Denny JC, Psaty BM, Howson JMM, Munroe PB, Newton-Cheh C, Caulfield MJ, Elliott P, Gaziano JM, Concato J, Wilson PWF, Tsao PS, Velez Edwards DR, Susztak K; Million Veteran Program, O'Donnell CJ, Hung AM, Edwards TL. Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*. 2019 Jan;51(1):51-62.

Göldi T, Krisai P, Knecht S, Aeschbacher S, Spies F, Zeljkovic I, Kaufmann BA, Schaer B, Conen D, Reichlin T, Osswald S, Sticherling C, Kühne M. Prevalence and Management of Atrial Thrombi in Patients With Atrial Fibrillation Before Pulmonary Vein Isolation. *JACC Clinical Electrophysiology*. 2019 Dec;5(12):1406-1414.

Jeger RV, Pfisterer M, Vogt DR, Galatius S, Abildgaard U, Naber C, Alber H, Eberli F, Kurz DJ, Pedrazzini G, Vuilliomonet A, Weilenmann D, Rickli H, Hansen KW, Rickenbacher P, Conen D, Müller C, Osswald S, Gilgen Kaiser C. Competing risks of major bleeding and thrombotic events with prasugrel-based dual antiplatelet therapy after stent implantation. An observational analysis from BASKET-PROVE II. *PLoS One*. 2019 Jan 15;14(1):e0210821.

Kozuharov N, Goudev A, Flores D, Maeder MT, Walter J, Shrestha S, Gualandro DM, de Oliveira Junior MT, Sabti Z, Müller B, Noveanu M, Socrates T, Ziller R, Bayés-Genis A, Sionis A, Simon P, Michou E, Gujer S, Gori T, Wenzel P, Pfister O, Conen D, Kapos I, Kobza R, Rickli H, Breidhardt T, Münzel T, Erne P, Mueller C; GALACTIC Investigators, Mueller C, Erne P, Müller B, Rickli H, Maeder M, Tavares de Oliveira M Jr, Münzel T, Bayés-Genis A, Sionis A, Goudev A, Dimov B, Hartwiger S, Arenja N, Glatz B, Herr N, Isenrich R, Mosimann T, Twerenbold R, Boeddinghaus J, Nestelberger T, Puelacher C, Freese M, Vögele J, Meissner K, Martin J, Strebel I, Wussler D, Schumacher C, Osswald S, Vogt F, Hilti J, Barata S, Schneider D, Schwarz J, Fitze B, Hartwiger

## PUBLICATIONS

S, Arenja N, Glatz B, Herr N, Isenrich R, Mosimann T, Twerenbold R, Boeddinghaus J, Nestelberger T, Puelacher C, Freese M, Vögele J, Meissner K, Martin J, Strebel I, Wussler D, Schumacher C, Osswald S, Vogt F, Hilti J, Barata S, Schneider D, Schwarz J, Fitze B, Arenja N, Rentsch K, Bossa A, Jallad S, Soeiro A, Georgiev D, Jansen T, Gebel G, Bossard M, Christ M. Effect of a Strategy of Comprehensive Vasodilation vs Usual Care on Mortality and Heart Failure Rehospitalization Among Patients With Acute Heart Failure: The GALACTIC Randomized Clinical Trial. *JAMA*. 2019 Dec 17;322(23):2292-2302.

Leong DP, Biostat M, Cosman T, Alhoussein MM, Tyagi NK, Karampatos S, Barron CC, Wright D, Tandon V, Magloire P, Joseph P, Conen D, Devereaux PJ, Ellis PM, Mukherjee SD, Dhesy-Third S. A Phase I Trial Evaluating the Safety of Continuing Trastuzumab Despite Mild Cardiotoxicity. *JACC: CardioOncology*. 2019;1(1) 1-10.

McAlister FA, Youngson E, Jacka M, Graham M, Conen D, Chan M, Szczeklik W, Alonso-Coello P, Devereaux PJ; vascular events in non-cardiac surgery patients cohort evaluation (VISION) investigators. A comparison of four risk models for the prediction of cardiovascular complications in patients with a history of atrial fibrillation undergoing non-cardiac surgery. *Anaesthesia*. 2020 Jan;75:27-36. Epub 2019 Jul 8.

McIntyre WF, Connolly SJ, Wang J, Masiero S, Benz AP, Conen D, Wong JA, Beresh H, Healey JS. Thromboembolic events around the time of cardioversion for atrial fibrillation in patients receiving antiplatelet treatment in the ACTIVE trials. *European Heart Journal*. 2019 Sep 21;40(36):3026-3032.

McIntyre WF, Um KJ, Cheung CC, Belley-Côté EP, Dingwall O, Devereaux PJ, Wong JA, Conen D, Whitlock RP, Connolly SJ, Seifer CM, Healey JS. Atrial Fibrillation Detected Initially during Acute Medical Illness: a Systematic Review. *European Heart Journal: Acute Cardiovascular Care*. 2019 Mar;8:130-141.

Meyre P, Blum S, Berger S, Aeschbacher S, Schoepfer H, Briel M, Osswald S, Conen D. Risk of Hospital Admissions in Patients With Atrial Fibrillation: A Systematic Review and Meta-analysis. *Can J Cardiol*. 2019 Oct;35(10):1332-1343.

Witassek F, Springer A, Adam L, Aeschbacher S, Beer JH, Blum S, Bonati LH, Conen D, Kobza R, Kuhne M, Moschovitis G, Osswald S, Rodondi N, Sticherling C, Szucs T, Schwenkgenks M for the Swiss-AF study investigators. Health-related quality of life in patients with atrial fibrillation: The role of symptoms, comorbidities, and the type of atrial fibrillation. *PLoS One*. 2019 Dec 23;14(12):e0226730.

Zabel M, Schlögl S, Lubinski A, Svendsen JH, Bauer A, Arbelo E, Brusich S, Conen D, Cygankiewicz I, Dommasch M, Flevari P, Galuszka J, Hansen J, Hasenfuß G, Hatala R, Huikuri HV, Kenttä T, Kucejko T, Haarmann H, Harden M, Lovev S, Kääh S, Kaliska G, Katsimardos A, Kasprzak JD, Qavoq D, Lüthje L, Malik M, Novotný T, Pavlovic N, Perge P, Röver C, Schmidt G, Shalghanov T, Sritharan R, Svetlosak M, Sallo Z, Szavits-Nossan J, Traykov V, Vandenberk B, Velchev V, Vos MA, Willich SN, Friede T, Willems R, Merkely B, Sticherling C, EU-CERT-ICD Study Investigators. Present criteria for prophylactic ICD implantation: Insights from the EU-CERT-ICD (Comparative Effectiveness Research to Assess the Use of Primary Prophylactic Implantable Cardioverter Defibrillators in Europe) project. *Journal of Electrocardiology*. 2019 Nov-Dec;57S:S34-S39.

Zabel M, Sticherling C, Willems R, Lubinski A, Bauer A, Bergau L, Braunschweig F, Brugada J, Brusich S, Conen D, Cygankiewicz I, Flevari P, Taborsky M, Hansen J, Hasenfuß G, Hatala R, Huikuri HV, lovev S, Kääh S, Kaliska G, Kasprzak JD, Lüthje L, Malik M, Novotny T, Pavlovic N, Schmidt G, Shalghanov T, Sritharan R, Schlögl S, Szavits Nossan J, Traykov V, Tuinenburg AE, Velchev V, Vos MA, Willich SN, Friede T, Svendsen JH, Merkely B; EU-CERT-ICD Study Investigators. Rationale and design of the EU-CERT-ICD prospective study: comparative effectiveness of prophylactic ICD implantation. *ESC Heart Fail*. 2019 Feb;6(1):182-193.

### DE WIT, K

Davis S, Goodacre S, Horner D, Pandor A, Stevens J, de Wit K, Hunt B. Decision-analysis modelling of effectiveness and cost effectiveness

of thromboprophylaxis for people with lower limb immobilisation for injury. *British Journal of Haematology*. 2019 Jul;186(1):166-168.

de Wit, K. Addressing emotional and physical distress after pulmonary embolism. *Thrombosis Research*. 2019 Oct;182:184.

Gossack-Keenan K, de Wit K, Gardiner E, Turcotte M, Chan TM. Showing your thinking: Using mind maps to understand the gaps between experienced emergency physicians and their students. *Academic Emergency Medicine Education and Training*. 2019 Sep 1;4(1):54-63.

Kearon C, de Wit K, Parpia S, Schulman S, Afilalo M, Hirsch A, Spencer F, Sharma S, D'Aragon F, Le Gal G, Lazo Lagner A, Wu C, Rudd L, Bates S, Julian J. Pulmonary Embolism Diagnosis with D-Dimer Adjusted to Clinical Probability. *New England Journal of Medicine*. 2019 Nov 28;381(22):2125-2134.

Pandor A, Horner D, Davis S, Goodacre S, Stevens J W, Clowes M, Hunt B J, Nokes T, Keenan J, de Wit K. Different strategies for pharmacological thromboprophylaxis for lower-limb immobilisation after injury: systematic review and economic evaluation. *Health Technology Assessment*. 2019 Dec;23(63):1-190.

Tseng EK, Jo D, de Wit K, Chan TM. Window to the Unknown: Using Storytelling to Identify Learning Needs for the Intrinsic Competencies Within an Online Needs Assessment. *Academic Emergency Medicine Education and Training*. 2019 Jan 6;3(2):179-187.

### DEMERS, C

Chandra A, Vaduganathan M, Lewis EF, Claggett BL, Rizkala AR, Wang W, Lefkowitz MP, Shi VC, Anand IS, Ge J, Lam CSP, Maggioni AP, Martinez F, Packer M, Pfeffer MA, Pieske B, Redfield MM, Rouleau JL, Van Veldhuisen DJ, Zannad F, Zile MR, McMurray JJV, Solomon SD; PARAGON-HF Investigators. Health-Related Quality of Life in Heart Failure With Preserved Ejection Fraction: The PARAGON-HF Trial. *JACC Heart Failure*. 2019 Oct;7(10):862-874.

Perger E, Lyons OD, Inami T, Smith S, Floras JS, Logan AG, Bradley TD; ADVENT-HF Investigators; ADVENT-HF Trial Executive Committee; ADVENT-HF Steering Committee; ADVENT-HF Data and Safety Monitoring Committee; ADVENT-HF Event Adjudication Committee; ADVENT-HF Investigators. Predictors of 1-year compliance with adaptive servoventilation in patients with heart failure and sleep disordered breathing: preliminary data from the ADVENT-HF trial. *European Respiratory Journal*. 2019 Feb 21;53(2):1801626.

Solomon SD, McMurray JJV, Anand IS, Ge J, Lam CSP, Maggioni AP, Martinez F, Packer M, Pfeffer MA, Pieske B, Redfield MM, Rouleau JL, van Veldhuisen DJ, Zannad F, Zile MR, Desai AS, Claggett B, Jhund PS, Boytsov SA, Comin-Colet J, Cleland J, Düngen HD, Goncalvesova E, Katova T, Kerr Saraiva JF, Lelonek M, Merkely B, Senni M, Shah SJ, Zhou J, Rizkala AR, Gong J, Shi VC, Lefkowitz MP; PARAGON-HF Investigators and Committees. Angiotensin-Nephrilysin Inhibition in Heart Failure with Preserved Ejection Fraction. *New England Journal of Medicine*. 2019 Oct 24;381(17):1609-1620.

Wali S, Demers C, Shah H, Wali H, Lim D, Naik N, Ghany A, Vispute A, Wali M, Keshavjee K. Evaluation of Heart Failure Apps to Promote Self-Care: Systematic App Search. *JMIR Mhealth Uhealth*. 2019 Nov 11;7(11):e13173.

### GERSTEIN, H

Birkeland KI, Grill V, Wium C, McQueen MJ, Lopez-Jaramillo P, Lee SF, Gerstein HC. The association of basal insulin treatment versus standard care with outcomes in anti-GAD positive and -negative subjects. A post-hoc analysis of the ORIGIN-trial. *Diabetes, Obesity and Metabolism*. 2019 Feb;21(2):429-433.

Boye KS, Riddle MC, Gerstein HC, Mody R, Garcia-Perez LE, Karanikas CA, Lage MJ, Riesmeyer JS, Lakshmanan MC. Generalizability of Glucagon-Like Peptide-1 Receptor Agonist Cardiovascular Outcome Trials to the Overall Type 2 Diabetes Population in the United States. *Diabetes, Obesity and Metabolism*. 2019 Jun;21(6):1299-1304.



Chong M, Sjaarda J, Pigeys M, Mohammadi-Shemirani P, Lali R, Shoamanesh A, Gerstein HC, Paré G. Novel Drug Targets for Ischemic Stroke Identified Through Mendelian Randomization Analysis of the Blood Proteome. *Circulation*. 2019 Sep 9;140:819-830.

Cukierman-Yaffe T, Bosch J, Jung H, Punthakee Z, Gerstein HC. Hypoglycemia and Incident Cognitive Dysfunction: A Post Hoc Analysis From the ORIGIN Trial. *Diabetes Care*. 2019 Jan;42(1):142-147.

Day EA, Ford RJ, Smith BK, Mohammadi-Shemirani P, Morrow MR, Gutgesell RM, Lu R, Raphenya AR, Kabiri M, McArthur AG, McInnes N, Hess S, Paré G, Gerstein HC, Steinberg GR. Metformin-induced increases in GDF15 are important for suppressing appetite and promoting weight loss. *Nature Metabolism*. 2019 Dec;1(12):1202-1208.

Gerstein HC, Colhoun HM, Dagenais GR, Diaz R, Lakshmanan M, Pais P, Probstfield J, Riesmeyer JS, Riddle MC, Rydén L, Xavier D, Atisso CM, Dyal L, Hall S, Rao-Melacini P, Wong G, Avezum A, Basile J, Chung N, Conget I, Cushman WC, Franek E, Hancu N, Hanefeld M, Holt S, Jansky P, Keltai M, Lanás F, Leiter LA, Lopez-Jaramillo P, Cardona Muñoz EG, Pirags V, Pogosova N, Raubenheimer PJ, Shaw JE, Sheu WH, Temelkova-Kurktschiev T; REWIND Investigators. Dulaglutide and cardiovascular outcomes in type 2 diabetes (REWIND): a double-blind, randomised placebo-controlled trial. *Lancet*. 2019 Jul 13;394(10193):121-130.

Gerstein HC, Colhoun HM, Dagenais GR, Diaz R, Lakshmanan M, Pais P, Probstfield J, Botros FT, Riddle MC, Rydén L, Xavier D, Atisso CM, Dyal L, Hall S, Rao-Melacini P, Wong G, Avezum A, Basile J, Chung N, Conget I, Cushman WC, Franek E, Hancu N, Hanefeld M, Holt S, Jansky P, Keltai M, Lanás F, Leiter LA, Lopez-Jaramillo P, Cardona Muñoz EG, Pirags V, Pogosova N, Raubenheimer PJ, Shaw JE, Sheu WH, Temelkova-Kurktschiev T; REWIND Investigators. Dulaglutide and renal outcomes in type 2 diabetes: an exploratory analysis of the REWIND randomised, placebo-controlled trial. *Lancet*. 2019 Jul 13;394(10193):131-138.

Gerstein HC, McMurray J, Holman RR. Real-world studies no substitute for RCTs in establishing efficacy. *Lancet*. 2019 Jan 19;393:210-211.

Gerstein HC, Nair V, Chaube R, Stoute H, Werstuck G. Dysglycemia and the Density of the Coronary Vasa Vasorum. *Diabetes Care*. 2019;42(5):980-982. (PMID: 30862652) 337. Dagenais GR, Jung H, Bogaty P, Bosch J, Yusuf S, Gerstein HC. Basal insulin glargine and omega-3 on lower limb arterial disease outcome in patients with dysglycemia. An analysis of the Outcome Reduction with an Initial Glargine Intervention (ORIGIN) Trial. *Diabetes, Obesity and Metabolism*. 2019 Jun;21(6):1502-1505.

Huynh J, Menezes HT, Gerstein H, Sherifali D. Exploring the Experiences of Adults With Type 2 Diabetes on Sodium Glucose Cotransporter 2 Inhibitors. *Canadian Journal of Diabetes*. 2020 Mar;44(2):184-191. Epub 2019 Jun 24.

Mohammadi-Shemirani P, Sjaarda J, Gerstein HC, Treleaven DJ, Walsh M, Mann JF, McQueen MJ, Hess S, Paré G. A Mendelian Randomization-Based Approach to Identify Early and Sensitive Diagnostic Biomarkers of Disease. *Clinical Chemistry*. 2019 Mar;65(3):427-436.

Pigeys M, Sjaarda J, Mao S, Chong M, Hess S, Yusuf S, Gerstein H, Paré G. Identification of Novel Causal Blood Biomarkers Linking Metabolically Favorable Adiposity With Type 2 Diabetes Risk. *Diabetes Care*. 2019 Sep;42(9):1800-1808.

Riddle MC, Blonde L, Gerstein HC, Gregg EW, Holman RR, Lachin JM, Nichols GA, Turchin A, Cefalu WT. Diabetes Care Editors' Expert Forum 2018: Managing Big Data for Diabetes Research and Care. *Diabetes Care*. 2019 Jun;42(6):1136-1146.

Riddle MC, Gerstein HC. The Cardiovascular Legacy of Good Glycemic Control: Clues About Mediators From the DCCT/EDIC Study. *Diabetes Care*. 2019 Jul;42(7):1159-1161.

Sherifali D, Brozic A, Agema P, Gerstein HC, Punthakee Z, McInnes N, O'Reilly D, Ibrahim S, Usman Ali RM. The Diabetes Health Coaching

Randomized Controlled Trial: Rationale, Design and Baseline Characteristics of Adults Living With Type 2 Diabetes. *Canadian Journal of Diabetes*. 2019 Oct;43(7):477-482.

Terenzi DC, Trac JZ, Teoh H, Gerstein HC, Bhatt DL, Al-Omran M, Verma S, Hess DA. Vascular Regenerative Cell Exhaustion in Diabetes: Translational Opportunities to Mitigate Cardiometabolic Risk. *Trends in Molecular Medicine*. 2019 Jul;25(7):640-655.

Vinagre I, Gerstein H, Viñals C, Conget I. Generalizability of results from the recent FDA guided cardiovascular outcomes trials to a representative population with Type 2 Diabetes attending primary care clinics. *Endocrinología Diabetes y Nutrición*. 2019 Aug-Sep;66(7):467-468.

Wang A, Arver S, Boman K, Gerstein HC, Fu Lee S, Hess S, Rydén L, Mellbin LG. Testosterone, sex hormone-binding globulin and risk of cardiovascular events: A report from the Outcome Reduction with an Initial Glargine Intervention trial. *European Journal of Preventative Cardiology*. 2019 May;26(8):847-854.

## GUPTA, M

Alothman L, Zawadka M, Aljenedil S, Kajil M, Bewick D, Gaudet D, Hegele RA, Lonn E, Ngui D, Ruel I, Tsigoulis M, Singh N, Genest J, Gupta M. Prediction of Familial Hypercholesterolemia in Patients at High Atherosclerotic Cardiovascular Disease Risk Using a Recently Validated Algorithm. *CJC Open*. 2019 Jun 7;1(4):190-197.

Bainey KR, Gupta M, Ali I, Bangalore S, Chiu M, Kaila K, Kaul P, Khan N, King-Shier KM, Palaniappan L, Pare G, Ramanathan K, Ross S, Shah BR. The Burden of Atherosclerotic Cardiovascular Disease in South Asians Residing in Canada: A Reflection From the South Asian Heart Alliance. *CJC Open*. 2019 Oct 30;1(6):271-281.

Bhatt DL, Steg PG, Miller M, Brinton EA, Jacobson TA, Ketchum SB, Doyle RT Jr, Juliano RA, Jiao L, Granowitz C, Tardif JC, Ballantyne CM; REDUCE-IT Investigators. Cardiovascular Risk Reduction with Icosapent Ethyl for Hypertriglyceridemia. *New England Journal of Medicine*. 2019 Jan 3;380(1):11-22.

Fowokan AO, Punthakee Z, Waddell C, Rosin M, Morrison KM, Gupta M, Teo K, Rangarajan S, Lear SA. Adiposity measures and their validity in estimating risk of hypertension in South Asian children: a cross-sectional study. *BMJ Open*. 2019 Feb 20;9(2):e024087.

Fowokan A, Punthakee Z, Waddell C, Rosin M, Morrison KM, Gupta M, Rangarajan S, Teo K, Lear S. Multifactorial correlates of blood pressure in South Asian children in Canada: a cross-sectional study. *BMJ Open*. 2019 Apr 8;9(4):e027844.

Gupta M. Finding the Familial Hypercholesterolemia Needle in Acute Coronary Syndrome: The Haystack Is Smaller Than You Think. *Canadian Journal of Cardiology*. 2019 Oct;35(10):1270-1271.

Husain M, Birkenfeld AL, Donsmark M, Dungan K, Eliaschewitz FG, Franco DR, Jeppesen OK, Lingvay I, Mosenzon O, Pedersen SD, Tack CJ, Thomsen M, Vilsbøll T, Warren ML, Bain SC; PIONEER 6 Investigators. Oral Semaglutide and Cardiovascular Outcomes in Patients with Type 2 Diabetes. *New England Journal of Medicine*. 2019 Aug 29;381(9):841-851.

Perkovic V, Jardine MJ, Neal B, Bompoint S, Heerspink HJL, Charytan DM, Edwards R, Agarwal R, Bakris G, Bull S, Cannon CP, Capuano G, Chu PL, de Zeeuw D, Greene T, Levin A, Pollock C, Wheeler DC, Yavin Y, Zhang H, Zinman B, Meininger G, Brenner BM, Mahaffey KW; CREDENCE Trial Investigators. Canagliflozin and Renal Outcomes in Type 2 Diabetes and Nephropathy. *New England Journal of Medicine*. 2019 Jun 13;380(24):2295-2306.

Ridker PM, Everett BM, Pradhan A, MacFadyen JG, Solomon DH, Zaharris E, Mam V, Hasan A, Rosenberg Y, Itriaga E, Gupta M, Tsigoulis M, Verma S, Clearfield M, Libby P, Goldhaber SZ, Seagle R, Ofori C, Saklayen M, Butman S, Singh N, Le May M, Bertrand O, Johnston J, Paynter NP, Glynn RJ; CIRT Investigators. Low-Dose Methotrexate for the Prevention of Atherosclerotic Events. *New England Journal of Medicine*. 2019 Feb 21;380(8):752-762.

## PUBLICATIONS

Scirica BM, Bohula EA, Dwyer JP, Qamar A, Inzucchi SE, McGuire DK, Keech AC, Smith SR, Murphy SA, Im K, Leiter LA, Gupta M, Patel T, Miao W, Perdomo C, Bonaca MP, Ruff CT, Sabatine MS, Wiviott SD; CAMELLIA-TIMI 61 Steering Committee and Investigators. Lorcaserin and Renal Outcomes in Obese and Overweight Patients in the CAMELLIA-TIMI 61 Trial. *Circulation*. 2019 Jan 15;139(3):366-375.

Vijayaraghavan K, McCullough PA, Singh B, Gupta M, Enas E, Mohan V, Misra A, Deedwania P, Brinton EA; for the Consensus Panel Steering Committee. Cardiometabolic-Renal Disease in South Asians: Consensus Recommendations from the Cardio Renal Society of America. *Cardiorenal Medicine*. 2019;9(4):240-251.

### HALDER, S

Shajib MS, Chauhan U, Adeeb S, Chetty Y, Armstrong D, Halder SLS, Marshall JK, Khan WI. Characterization of Serotonin Signaling Components in Patients with Inflammatory Bowel Disease. *Journal of the Canadian Association of Gastroenterology*. 2019 Aug;2(3):132-140.

Weizman AV, Nguyen GC, Seow CH, Targownik L, Murthy SK, Boland K, Afzal NM, Khanna R, Jones J, Afif W, Halder S, Reinglas J, Fowler S, Huang V, Kaplan GG, Melmed GY. Appropriateness of Biologics in the Management of Crohn's Disease Using RAND/UCLA Appropriateness Methodology. *Inflammatory Bowel Diseases*. 2019 Jan 10;25(2):328-335.

### HAYNES, B

Haynes RB, Budhram D, Cheria J, Iserman E, Iorio A, Lokker C. An evidence rating service provided valid correlates of the clinical importance of medical articles and journals. *Journal of Clinical Epidemiology*. 2019 May;109:80-9.

Mota Gomes M, Haynes RB. William Osler (1849-1919) at the roots of Evidence-Based Medicine. *Canadian Journal of General Internal Medicine*. 2019 Nov 19;14(4):23-7.

Van Spall HC, Shun Fu Lee SF, Xie F, Erbas Oz, O; Perez R, Mitoff PR, Heffernan A, Maingi M, Tjandrawidjaja MC, Zia MI, Ibrahim Q, Porepa L, Panju M, Thabane L, Graham ID, Haynes RB, Haughton D, Simek KD, Ko DT, Connolly SJ. Effect of patient-centered transitional care services on clinical outcomes among patients hospitalized for heart failure: the PACT-HF pragmatic randomized clinical trial. *JAMA*. 2019 Feb 26;321:753-61.

### HEALEY, A

Healey A, Singh JM. Organ donation - emergency medicine's call to action. *Canadian Journal of Emergency Medicine*. 2019 Sep;21(5):569-571.

Koziazk A, Sne N, Kegel F, Nath S, Badhiwala JH, Nassiri F, Mansouri A, Yang K, Zhou Q, Rice T, Faidi S, Passos E, Healey A, Banfield L, Mousour M, Kirkpatrick AW, Nassar A, Fehlings MG, Hawryluk GWJ, Almenawer SA. Bedside Optic Nerve Ultrasonography for Diagnosing Increased Intracranial Pressure: A Systematic Review and Meta-analysis. *Annals of Internal Medicine*. 2019 Dec 17;171(12):896-905.

### JAESCHKE, R

Alhazzani W, Belly-Cote E, Jaeschke R. Grading the GRADE-Critical Care Community and Trustworthy Guidelines. *Critical Care Medicine*. 2019 Jan;47(1):142-144.

Dionne JC, Sullivan K, Mbuagbaw L, Takaoka A, Duan EH, Alhazzani W, Devlin JW, Duprey M, Moayyedi P, Armstrong D, Thabane L, Tsang JLY, Jaeschke R, Hamielec C, Karachi T, Cartin-Ceba R, Muscedere J, Alshahrani MSS, Cook DJ. Diarrhoea: interventions, consequences and epidemiology in the intensive care unit (DICE-ICU): a protocol for a prospective multicentre cohort study. *BMJ Open*. 2019 Jun 27;9(6):e028237.

Lewis K, Culgin S, Jaeschke R, Perri D, Marchildon C, Hassall K, Piraino T, Thabane L, Almubarak Y, Alshahrani MS, Rochweg B, Baw B, Szczeklik W, Karachi T, Alhazzani W; GUIDE Group. Cuff Leak

Test and Airway Obstruction in Mechanically Ventilated ICU Patients (COMIC): a pilot randomised controlled trial protocol. *BMJ Open*. 2019 Jul 19;9(7):e029394.

Schünemann HJ, Mustafa RA, Brozek J, Santesso N, Bossuyt PM, Steingart KR, Leflang M, Lange S, Trenti T, Langendam M, Scholten R, Hooft L, Murad MH, Jaeschke R, Rutjes A, Singh J, Helfand M, Glasziou P, Arevalo-Rodriguez I, Akl EA, Deeks JJ, Guyatt GH; GRADE Working Group. GRADE guidelines: 22. The GRADE approach for tests and strategies-from test accuracy to patient-important outcomes and recommendations. *Journal of Clinical Epidemiology*. 2019 Jul;111:69-82.

Szczeklik W, Fronczek J, Górka J, Banaszewska A, Gałkin P, Gozdzik W, Kudlinski B, Kutaj-Wasikowska H, Nowina-Konopka M, Polok KJ, Wołk-Popielska A, Włodarczyk A, Jaeschke R. Attitudes of healthcare professionals towards the introduction of rapid response teams in Poland: a survey study after 6 months of a pilot program in 25 hospitals. *Polish Archives of Internal Medicine*. 2019 Dec 23;129(12):949-955.

Szczeklik W, Fronczek J, Górka J, Banaszewska A, Gałkin P, Gozdzik W, Kudlinski B, Kutaj-Wasikowska H, Polok K, Włodarczyk A, Nowina-Konopka M, Wołk-Popielska A, Jaeschke R. Introduction of rapid response teams in Poland. *Anaesthesiology Intensive Therapy*. 2019;51(3):178-185.

### JOLLY, S

Cantor WJ, Lavi S, Džavík V, Cairns J, Cheema AN, Siega AD, Moreno R, Stankovic G, Kedev S, Natarajan MK, Levi Y, Yuan F, Jolly SS. Upstream Anticoagulation for Patients With ST-elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: Insights From the TOTAL Trial. *Catheterization and Cardiovascular Intervention*. 2020 Sep 1;96(3):519-525. Epub 2019 Oct 15.

Maes F, Jolly SS, Cairns J, Delarochelière R, Côté M, Džavík V, & Rodés-Cabau J. Plaque Sealing With Drug-Eluting Stents Versus Medical Therapy for Treating Intermediate Non-Obstructive Saphenous Vein Graft Lesions: A Pooled Analysis of the VELET I and VELET II Trials. *Journal of Invasive Cardiology*. 2019 Nov;31(11):E308-E315.

Rashid MK, Sahami N, Singh K, Winter J, Sheth T, Jolly SS. Ultrasound Guidance in Femoral Artery Catheterization: A Systematic Review and a Meta-Analysis of Randomized Controlled Trials. *Journal of Invasive Cardiology*. 2019 Jul;31(7):E192-E198.

Rymer JA, Kaltenbach LA, Kochar A, Hess CN, Gilchrist IC, Messenger JC, Harrington RA, Jolly SS, Jacobs AK, Abbott JD, Wojdyla DM, Krucoff MW, Rao SV. Comparison of Rates of Bleeding and Vascular Complications Before, During, and After Trial Enrollment in the SAFE-PCI Trial for Women. *Circulation Cardiovascular Interventions*. 2019 May;12(5):e007086.

Rymer JA, Mandawat A, Abbott JD, Cohen MG, Davies JE, Gilchrist IC, Jolly SS, Popma JJ, Al-Khalidi HR, Rao SV, Kong D, Krucoff M. Opportunities for Enhancing the Care of Older Patients With ST-elevation Myocardial Infarction Presenting for Primary Percutaneous Coronary Intervention: Rationale and Design of the SAFE-STEMI for Seniors Trial. *American Heart Journal*. 2019 Dec;218:84-91.

Welsh RC, Sidhu RS, Cairns JA, Lavi S, Kedev S, Moreno R, Cantor WJ, Stankovic G, Meeks B, Yuan F, Džavík V, Jolly SS. Outcomes Among Clopidogrel, Prasugrel, and Ticagrelor in ST-Elevation Myocardial Infarction Patients Who Underwent Primary Percutaneous Coronary Intervention From the TOTAL Trial. *Canadian Journal of Cardiology*. 2019 Oct;35(10):1377-1385.

Wood DA, Cairns JA, Wang J, Mehran R, Storey RF, Nguyen H, Jolly SS, et al. Timing of Staged Nonculprit Artery Revascularization in Patients with ST-Segment Elevation Myocardial Infarction: COMPLETE Trial. *Journal of the American College of Cardiology*. 2019 Dec;74(22):2713-2723.

## KEAN, W

### Book Chapter

Kean WF, Kean CA, Hogan MG. Osteoarthritis. In: Compendium of Therapeutic Choices. CPhA Editors. 2019

## KEITH, P

Betschel S, Badiou J, Binkley K, Borici-Mazi R, Hébert J, Kanani A, Keith P, Lacuesta G, Wasserman S, Yang B, Aygören-Pürsün E, Bernstein J, Bork K, Caballero T, Cicardi M, Craig T, Farkas H, Grumach A, Katelaris C, Longhurst H, Riedl M, Zuraw B, Berger M, Boursiquot JN, Boysen H, Castaldo A, Chapdelaine H, Connors L, Fu L, Goodyear D, Haynes A, Kamra P, Kim H, Lang-Robertson K, Leith E, McCusker C, Moote B, O'Keefe A, Othman I, Poon MC, Ritchie B, St-Pierre C, Stark D, Tsai E. The International/Canadian Hereditary Angioedema Guideline. *Allergy. Asthma and Clinical Immunology*. 2019 Nov 25;15:72.

Bousquet J, Bedbrook A, Czarlewski W, Onorato GL, Arnavielhe S, Laune D, Mathieu-Dupas E, Fonseca J, Costa E, Lourenço O, Morais-Almeida M, Todo-Bom A, Illario M, Menditto E, Canonica GW, Cecchi L, Monti R, Napoli L, Ventura MT, De Feo G, Fokkens WJ, Chavannes NH, Reitsma S, Cruz AA, da Silva J, Serpa FS, Larenas-Linnemann D, Fuentes Perez JM, Huerta-Villalobos YR, Rivero-Yeverino D, Rodriguez-Zagal E, Valiulis A, Dubakiene R, Emuzyte R, Kvedariene V, Annesi-Maesano I, Blain H, Bonniaud P, Bosse I, Dauvilliers Y, Devillier P, Fontaine JF, Pépin JL, Pham-Thi N, Portejoie F, Picard R, Roche N, Rolland C, Schmidt-Grendelmeier P, Kuna P, Samolinski B, Anto JM, Cardona V, Mullol J, Pinnock H, Ryan D, Sheikh A, Walker S, Williams S, Becker S, Klimek L, Pfaar O, Bergmann KC, Mösges R, Zuberbier T, Roller-Wirnsberger RE, Tomazic PV, Haahtela T, Salimäki J, Toppila-Salmi S, Valovirta E, Vasankari T, Gemicio lu B, Yorgancioglu A, Papadopoulos NG, Prokopakis EP, Tsiligianni IG, Bosnic-Anticevich S, O'Hehir R, Ivancevich JC, Neffen H, Zernotti ME, Kull I, Melén E, Wickman M, Bachert C, Hellings PW, Brusselle G, Palkonen S, Bindslev-Jensen C, Eller E, Wasserman S, Boulet LP, Bouchard J, Chu DK, Schünemann HJ, Sova M, De Vries G, van Eerd M, Agache I, Anotegui IJ, Bewick M, Casale T, Dykewick M, Ebisawa M, Murray R, Naclerio R, Okamoto Y, Wallace DV; The MASK study group. Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. *Clinical and Translational Allergy*. 2019 Mar 11;9:16.

Bousquet JJ, Schünemann HJ, Togias A, Erhola M, Hellings PW, Zuberbier T, Agache I, Anotegui IJ, Anto JM, Bachert C, Becker S, Bedolla-Barajas M, Bewick M, Bosnic-Anticevich S, Bosse I, Boulet LP, Bourrez JM, Brusselle G, Chavannes N, Costa E, Cruz AA, Czarlewski W, Fokkens WJ, Fonseca JA, Gaga M, Haahtela T, Illario M, Klimek L, Kuna P, Kvedariene V, Le TT, Larenas-Linnemann D, Laune D, Lourenço OM, Menditto E, Mullol J, Okamoto Y, Papadopoulos N, Pham-Thi N, Picard R, Pinnock H, Roche N, Roller-Wirnsberger RE, Rolland C, Samolinski B, Sheikh A, Toppila-Salmi S, Tsiligianni I, Valiulis A, Valovirta E, Vasankari T, Ventura MT, Walker S, Williams S, Akdis CA, Annesi-Maesano I, Arnavielhe S, Basagana X, Bateman E, Bedbrook A, Bennoor KS, Benveniste S, Bergmann KC, Bialek S, Billo N, Bindslev-Jensen C, Bjermer L, Blain H, Bonini M, Bonniaud P, Bouchard J, Briedis V, Brightling CE, Brozek J, Buhl R, Buonaio R, Canonica GW, Cardona V, Carriazo AM, Carr W, Cartier C, Casale T, Cecchi L, Cepeda Sarabia AM, Chkhartishvili E, Chu DK, Cingi C, Colgan E, de Sousa JC, Courbis AL, Custovic A, Cvetkoski B, D'Amato G, da Silva J, Dantas C, Dokic D, Dauvilliers Y, Dedeu A, De Feo G, Devillier P, Di Capua S, Dykewick M, Dubakiene R, Ebisawa M, El-Gamal Y, Eller E, Emuzyte R, Farrell J, Fink-Wagner A, Fiocchi A, Fontaine JF, Gemicioglu B, Schmid-Grendelmeier P, Gamkrelidze A, Garcia-Aymerich J, Gomez M, González Diaz S, Gotua M, Guldemond NA, Guzmán MA, Hajjam J, O'B Hourihane J, Humbert M, Iaccarino G, Ierodiakonou D, Illario M, Ivancevich JC, Joos G, Jung KS, Jutel M, Kaidashev I, Kalayci O, Kardas P, Keil T, Khaitov M, Khaltaev N, Kleine-Tebbe J, Kowalski ML, Kritikos V, Kull I, Leonardini L, Lieberman P, Lipworth B, Lodrup Carlsen KC, Loureiro CC, Louis R, Mair A, Marien G, Mahboub B, Malva J, Manning P, De Manuel Keenoy E, Marshall

GD, Masjedi MR, Maspero JF, Mathieu-Dupas E, Matricardi PM, Melén E, Melo-Gomes E, Meltzer EO, Menditto E, Mercier J, Miculnic N, Mihaltan F, Milenkovic B, Moda G, Mogica-Martinez MD, Mohamad Y, Montefort S, Monti R, Morais-Almeida M, Mösges R, Münter L, Muraro A, Murray R, Naclerio R, Napoli L, Namazova-Baranova L, Neffen H, Nekam K, Neou A, Novellino E, Nyembue D, O'Hehir R, Ohta K, Okubo K, Onorato G, Ouedraogo S, Pali-Schöll I, Palkonen S, Panzner P, Park HS, Pépin JL, Pereira AM, Pfaar O, Paulino E, Phillips J, Picard R, Plavec D, Popov TA, Portejoie F, Price D, Prokopakis EP, Pugin B, Raciborski F, Rajabian-Söderlund R, Reitsma S, Rodo X, Romano A, Rosario N, Rottem M, Ryan D, Salimäki J, Sanchez-Borges MM, Sisul JC, Solé D, Somekh D, Sooronbaev T, Sova M, Spranger O, Stellato C, Stelmach R, Suppli Ulrik C, Thibaudon M, To T, Todo-Bom A, Tomazic PV, Valero AA, Valenta R, Valentin-Rostan M, van der Kleij R, Vandenas O, Vezzani G, Viart F, Viegi G, Wallace D, Wagenmann M, Wang Y, Wasserman S, Wickman M, Williams DM, Wong G, Wroczynski P, Yiallourous PK, Yorgancioglu A, Yusuf OM, Zar HJ, Zeng S, Zernotti M, Zhang L, Zhong NS, Zidarn M; ARIA Study Group; MASK Study Group. Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. *Clinical and Translational Allergy*. 2019 Sep 9;9:44.

Craig T, Zuraw B, Longhurst H, Cicardi M, Bork K, Grattan C, Katelaris C, Sussman G, Keith PK, Yang W, Hébert J, Hanzlikova J, Staubach-Renz P, Martinez-Saguer I, Magerl M, Aygören-Pürsün E, Farkas H, Reshef A, Kivity S, Neri S, Crisan I, Caballero T, Baeza ML, Hernandez MD, Li H, Lumry W, Bernstein JA, Hussain I, Anderson J, Schwartz LB, Jacobs J, Manning M, Levy D, Riedl M, Christiansen S, Feuersenger H, Pragst I, Mycroft S, Pawaskar D, Jacobs I; COMPACT Investigators. Long-Term Outcomes with Subcutaneous C1-Inhibitor Replacement Therapy for Prevention of Hereditary Angioedema Attacks. *Journal of Allergy and Clinical Immunology: In Practice*. 2019 Jul-Aug;7(6):1793-1802.

Lumry WR, Martinez-Saguer I, Yang WH, Bernstein JA, Jacobs J, Moldovan D, Riedl MA, Johnston DT, Li HH, Tang Y, Schranz J, Lu P, Vardi M, Farkas H; SAHARA study group. Fixed-Dose Subcutaneous C1-Inhibitor Liquid for Prophylactic Treatment of C1-INH-HAE: SAHARA Randomized Study. *Journal of Allergy and Clinical Immunology: In Practice*. 2019 May - Jun;7(5):1610-1618.

## KHAN, A

Hakami Y, Khan A. Hypoparathyroidism. *Frontiers of Hormone Research*. 2019;51:109-126.

Khan AA, Clarke B, Rejnmark L, Brandi ML. MANAGEMENT OF ENDOCRINE DISEASE: Hypoparathyroidism in pregnancy: review and evidence-based recommendations for management. *European Journal of Endocrinology*. 2019 Feb 1;180(2):R37-R44.

Khan AA, Josse R, Kannu P, Villeneuve J, Paul T, Van Uum S, Greenberg CR. Hypophosphatasia: Canadian update on diagnosis and management. *Osteoporosis International*. 2019 Sep;30(9):1713-1722.

Khan AA, Koch CA, Van Uum S, Baillargeon JP, Bollerslev J, Brandi ML, Marcocci C, Rejnmark L, Rizzoli R, Shrayyef MZ, Thakker R, Yildiz BO, Clarke B. Standards of care for hypoparathyroidism in adults: a Canadian and International Consensus. *European Journal of Endocrinology*. 2019 Mar;180(3):P1-P22.

Yarom N, Shapiro CL, Peterson DE, Van Poznak CH, Bohlke K, Ruggiero SL, Migliorati CA, Khan A, Morrison A, Anderson H, Murphy BA, Alston-Johnson D, Mendes RA, Beadle BM, Jensen SB, Saunders DP. Medication-Related Osteonecrosis of the Jaw: MASCC/ISOO/ASCO Clinical Practice Guideline. *Journal of Clinical Oncology*. 2019 Sep 1;37(25):2270-2290.

Ziebart C, Adachi JD, Ashe MC, Bleakney RR, Cheung AM, Gibbs JC, Hill KD, Kendler DL, Khan AA, Kim S, McArthur C, Mittmann N, Papaioannou A, Prasad S, Scherer SC, Thabane L, Wark JD, Giangregorio LM. Exploring the association between number, severity, location of fracture, and occiput-to-wall distance. *Archives of Osteoporosis*. 2019 Feb 28;14(1):27.



## PUBLICATIONS

Ziebart C, Gibbs JC, McArthur C, Papaioannou A, Mittmann N, Laprade J, Kim S, Khan A, Kendler DL, Wark JD, Thabane L, Scherer SC, Prasad S, Hill KD, Cheung AM, Bleakney RR, Ashe MC, Adachi JD, Giangregorio LM. Are osteoporotic vertebral fractures or forward head posture associated with performance-based measures of balance and mobility?. *Archives of Osteoporosis*. 2019 Jun 26;14(1):67.

### KIM, P

Friedman AP, Koutyuchenko A, Wu C, Fredenburgh JC, Weitz JI, Gross PL, Xu P, Ni F, Kim PY. Identification of a factor Va-binding site on human prothrombin by the use of heteronuclear NMR and functional characterization. *Scientific Reports*. 2019 Feb 21;9:2436.

Kim PY, Di Giuseppantonio L, Wu C, Douketis JD, Gross PL. An assay to measure levels of factor Xa inhibitors in blood and plasma. *Journal of Thrombosis and Haemostasis*. 2019 Jul;17(7):1153-1159.

Medeiros SK, Zafar N, Liaw PC, Kim PY. Purification of silica-free DNA and characterization of its role in coagulation. *Journal of Thrombosis and Haemostasis*. 2019 Nov;17(11):1860-1865.

Shaya SA, Muzafar Gani D, Weitz JI, Kim PY, Gross PL. Factor XIII prevents pulmonary emboli by stabilizing deep vein thrombi in mice. *Thrombosis and Haemostasis*. 2019 Jun;119(6): 992-999.

### KREPINSKY, J

Chen HM, Dai JJ, Chen Y, Zuh R, Peng FF, Wu SZ, Yu H, Krepinsky JC, Zhang BF. Parathyroid hormone-related protein induces fibronectin upregulation in rat mesangial cells through reactive oxygen species/Src/EGFR signaling. *Bioscience Reports*. 2019 Apr 26;39(4):BSR20182293.

Mehta N, Gava AL, Zhang D, Gao B, Krepinsky JC. Follistatin protects against glomerular mesangial cell apoptosis and oxidative stress to ameliorate chronic kidney disease. *Antioxidants and Redox Signaling*. 2019 Sep 10;31(8):551-571.

Mehta N, Zhang D, Li R, Wang T, Gava A, Parthasarathy P, Gao B, Krepinsky JC. Caveolin-1 regulation of Sp1 controls production of the antifibrotic protein follistatin in kidney mesangial cells. *Cell Communication and Signaling*. 2019 Apr 17;17(1):37.

Platko K, Lebeau PF, Byun JH, Poon SV, Day EA, MacDonald ME, Holzapfel N, Mejia-Benitez A, Maclean K, Krepinsky JC, Austin RC. GDF10 blocks hepatic PPAR $\gamma$  activation to protect against diet-induced liver injury. *Molecular Metabolism*. 2019 Sep;27:62-74.

Van Krieken R, Mehta N, Wang T, Zheng M, Li R, Go B, Ayaub E, Ask K, Paton JC, Paton AW, Austin RC, Krepinsky JC. Cell surface expression of 78-kDa glucose regulated protein (GRP78) mediates diabetic nephropathy. *Journal of Biological Chemistry*. 2019 May 10;294(19):7755-7768.

Zhang D, Gava AL, Van Krieken R, Mehta N, Li R, Gao B, Desjardins EM, Steinberg GR, Hawke T, Krepinsky JC. The caveolin-1 regulated protein follistatin protects against diabetic kidney disease. *Kidney International*. 2019 Nov;96(5):1134-1149.

### LANKTREE, M

Al-Muhanna FA, Al-Rubaish AM, Vatte C, Mohiuddin SS, Cyrus C, Ahmad A, Shakil Akhtar M, Albezra MA, Alali RA, Almuhanha AF, Huang K, Wang L, Al-Kuwaiti F, Elsalamouni TSA, Al Hwiesh A, Huang X, Keating B, Li J, Lanktree MB, Al-Ali AK. Exome sequencing of Saudi Arabian patients with ADPKD. *Renal Failure*. 2019 Nov;41(11):842-849.

Fishman CE, Mohebnasab M, van Setten J, Zanon F, Wang C, Deaglio S, Amoroso A, Callans L, van Gelder T, Lee S, Kiryluk K, Lanktree MB, Keating BJ. Genome-Wide Study Updates in the International Genetics and Translational Research in Transplantation Network (iGeneTRAIN). *Frontiers in Genetics*. 2019 Nov 15;10:1084.

Lanktree MB, Guiard E, Illiuta IA, Akbari P, Shi B, Chen C, He N, Song X, Margetts PJ, Ingram AJ, Khalili K, Paterson AD, Pei Y. Intrafamilial

Discordance of Autosomal Dominant Polycystic Kidney Disease Severity. *Kidney International Reports*. 2019;7(4):995-1003.

Lanktree MB, Pei Y. Does elevated urinary Dkkopf-3 level predict vulnerability to kidney injury during cardiac surgery? *Annals of Translational Medicine*. 2019 Dec;7(Suppl 8):S296.

### LEGAULT, K

Schünemann HJ1,2, Zhang Y3, Oxman AD4,5; Bognanni A, Brozek J, Crowther M, Cuello C, Cuker A, Djulbegovic B, Falavigna M, Ikobaltzeta IE, Iorio A, Legault K, Meerpohl J, Mustafa R, Lansing J, Pai M, Santesso N, Wiercioch W, Xia J. Distinguishing opinion from evidence in guidelines. *BMJ*. 2019 Jul 19;366:14606.

Yelovich, M, Legault, K. Management of Antiphospholipid Syndrome in Patients with Systemic Lupus Erythematosus Current Treatment Options in Rheumatology. 2019 Sept;5:190-200.

Pai M, Yeung C, Akl E, Darzi A, Hillis C, Legault K, Meerpohl J, Santesso N, Taruscio D, Verhovsek M, Schunemann H, Iorio A. Strategies for eliciting and synthesizing evidence for guidelines in rare diseases. *BMC Medical Research Methodology*. 2019 Mar 28;19(1):67.

### LEONG, D

Alhussein M, Hotte SJ, Leong DP. Reversible Cabozantinib-induced Cardiomyopathy. A Case Report. *Canadian Journal of Cardiology*. 2019 Apr;35(4):544.e1-544.e2.

Barron CC, Alhussein MM, Kaur U, Cosman TL, Tyagi NK, Brown M, Mukherjee SD, Ellis PM, Dhesy-Thind S, Leong DP. An evaluation of the safety of continuing trastuzumab despite overt left ventricular dysfunction. *Current Oncology*. 2019 Aug;26(4):240-246.

Barron CC, Tyagi NK, Alhussein MM, Mukherjee SD, Ellis PM, Dhesy-Thind S, Leong DP. Adjuvant Trastuzumab Therapy: Can We Balance Efficacy and Safety?. *Oncologist*. 2019 Nov;24(11):1405-1409.

Duong M, Islam S, Rangarajan S, Leong D, Kurmi O, Teo K, Killian K, Dagenais G, Lear S, Wielgosz A, Nair S, Mohan V, Mony P, Gupta R, Kumar R, Rahman O, Yusoff K, du Plessis JL, Igumbor EU, Chifamba J, Li W, Lu Y, Zhi F, Yan R, Iqbal R, Ismail N, Zatonska K, Karsidag K, Rosengren A, Bahonar A, Yusufali A, Lamelas PM, Avezum A, Lopez-Jaramillo P, Lanus F, O'Byrne PM, Yusuf S; PURE investigators. Mortality and cardiovascular and respiratory morbidity in individuals with impaired FEV1 (PURE): an international, community-based cohort study. *Lancet Global Health*. 2019 May;7(5):e613-e623.

Eikelboom JW, Bosch JJ, Connolly SJ, Shestakovska O, Dagenais GR, Hart RG, Leong DP, O'Donnell M, Fox KAA, Bhatt DL, Cairns JA, Tasto C, Berkowitz SD, Cook Bruns N, Muehlhofer E, Diaz R, Maggioni AP, Yusuf S. Major Bleeding in Patients With Coronary or Peripheral Artery Disease Treated With Rivaroxaban Plus Aspirin. *Journals of the American College of Cardiology*. 2019 Sep 24;74:1519-28.

Fervaha G, Izard JP, Tripp DA, Rajan S, Leong DP, Siemens DR. Depression and prostate cancer: a focused review for the clinician. *Urologic Oncology*. 2019 Apr;37(4):282-288.

Joseph P, Swedberg K, Leong DP, Yusuf S. The Evolution of  $\beta$ -Blockers in Coronary Artery Disease and Heart Failure (Part 1/5). *Journal of the American College of Cardiology*. 2019 Aug 6;74(5):672-682.

Leong DP. Are the cardiac effects of alcohol good, bad, or neither? *European Heart Journal*. 2019 Mar 1;40(9):712-4.

Leong DP, Cosman T, Alhussein MM, Kumar Tyagi N, Karampatos S, Barron CC, Wright D, Tandon V, Magloire P, Joseph P, Conen D, Devereaux PJ, Ellis PM, Mukherjee SD, Dhesy-Thind SD. Safety of Continuing Trastuzumab Despite Mild Cardiotoxicity: A Phase I Trial. *Journals of the American College of Cardiology Cardio-Oncology*. 2019 Sep;1(1):1-10.

Leong DP, McMurray JJV, Joseph PG, Yusuf S. From ACE Inhibitors/ARBs to ARNIs in Coronary Artery Disease and Heart Failure (Part 2/5).

Journal of the American College of Cardiology. 2019 Aug 6;74(5):683-698.

Liu J, Tse LA, Liu Z, Rangarajan S, Hu B, Yin L, Leong DP, Li W. The predictive values of anthropometric measurements for cardiometabolic risk factors and cardiovascular disease among 44048 Chinese. *Journal of the American Heart Association*. 2019 Aug 20;8(16): e010870.

Mackett K, Dhesy-Thind S, Donovan EK, Mukherjee S, Swaminath A, Leong DP, Voruganti S, Sussman J, Wright J, Okawara G, Fraser G, Sagar S, Bordeleau L, Ellis PM, Hirte H, Kavsak PA. A post-hoc subgroup analysis assessing acute cardiac biomarker profiles in female cancer patients during adjuvant therapy. *Clinica Chimica Acta*. 2019 Aug;495:355-357.

Moayyedi P, Eikelboom JW, Bosch J, Connolly SJ, Dyal L, Shestakovska O, Leong D, Anand SS, Störk S, Branch KRH, Bhatt DL, Verhamme PB, O'Donnell M, Maggioni AP, Lonn EM, Piegas LS, Ertl G, Keltai M, Bruns NC, Muehlhofer E, Dagenais GR, Kim JH, Hori M, Steg PG, Hart RG, Diaz R, Alings M, Widimsky P, Avezum A, Probstfield J, Zhu J, Liang Y, Lopez-Jaramillo P, Kakkar A, Parkhomenko AN, Ryden L, Pogosova N, Dans A, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik T, Vinereanu D, Tonkin AM, Lewis BS, Felix C, Yusuf K, Metsarinne K, Fox KAA, Yusuf S. Pantoprazole to Prevent Gastrointestinal Events in Patients Receiving Rivaroxaban and/or Aspirin in a Randomized, Double-Blind, Placebo-Controlled Trial. *Gastroenterology*. 2019 Aug; 157(2): 403-12.e5.

Moayyedi P, Eikelboom JW, Bosch J, Connolly SJ, Dyal L, Shestakovska O, Leong D, Anand SS, Störk S, Branch KRH, Bhatt DL, Verhamme PB, O'Donnell M, Maggioni AP, Lonn EM, Piegas LS, Ertl G, Keltai M, Bruns NC, Muehlhofer E, Dagenais GR, Kim JH, Hori M, Steg PG, Hart RG, Diaz R, Alings M, Widimsky P, Avezum A, Probstfield J, Zhu J, Liang Y, Lopez-Jaramillo P, Kakkar AK, Parkhomenko AN, Ryden L, Pogosova N, Dans AL, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Vinereanu D, Tonkin AM, Lewis BS, Felix C, Yusuf K, Metsarinne KP, Fox KAA, Yusuf S. Safety of Proton Pump Inhibitors Based on a Large, Multi-Year, Randomized Trial of Patients Receiving Rivaroxaban or Aspirin. *Gastroenterology*. 2019 Sep;157(3): 682-91.e2.

Sree Raman K, Nucifora G, Leong DP, Marx C, Shah R, Woodman RJ, Molaee P, Shirazi MG, McGavigan AD, De Pasquale CG, Selvanayagam JB. Long term prognostic importance of late gadolinium enhancement in first-presentation non-ischaemic dilated cardiomyopathy. *International Journal of Cardiology*. 2019 Apr 1;280:124-129.

Van De Heyning CM, Elbarasi E, Masiero S, Brambatti M, Ghazal S, Al-Maashani S, Capucci A, Leong D, Shivalkar B, Saenen JB, Miljoen HP, Morillo CA, Divarakarmenon S, Amit G, Ribas S, Baiocco E, Maolo A, Romandini A, Maffei S, Connolly SJ, Healey JS, Dokainish H. Prospective Study of Tricuspid Regurgitation Associated With Permanent Leads After Cardiac Rhythm Device Implantation. *Canadian Journal of Cardiology*. 2019 Apr;35(4):389-395.

## LEONTIADIS, G

Barkun AN, Almadi M, Kuipers EJ, Laine L, Sung J, Tse F, Leontiadis GI, Abraham NS, Calvet X, Chan FKL, Douketis J, Enns R, Gralnek IM, Jairath V, Jensen D, Lau J, Lip GYH, Loffroy R, Maluf-Filho F, Meltzer AC, Reddy N, Saltzman JR, Marshall JK, Bardou M. Management of Nonvariceal Upper Gastrointestinal Bleeding: Guideline Recommendations From the International Consensus Group. *Annals of Internal Medicine*. 2019 Dec 3;171(11):805-822.

Panaccione R, Steinhart AH, Bressler B, Khanna R, Marshall JK, Targownik L, Afif W, Bitton A, Borgiaonkar M, Chauhan U, Halloran B, Jones J, Kennedy E, Leontiadis GI, Loftus EV Jr, Meddings J, Moayyedi P, Murthy S, Plamondon S, Rosenfeld G, Schwartz D, Seow CH, Williams C, Bernstein CN. Canadian Association of Gastroenterology Clinical Practice Guideline for the Management of Luminal Crohn's Disease. *Clinical Gastroenterology and Hepatology*. 2019 Aug;17(9):1680-1713.

Panaccione R, Steinhart AH, Bressler B, Khanna R, Marshall JK, Targownik L, Afif W, Bitton A, Borgiaonkar M, Chauhan U, Halloran B,

Jones J, Kennedy E, Leontiadis GI, Loftus EV Jr, Meddings J, Moayyedi P, Murthy S, Plamondon S, Rosenfeld G, Schwartz D, Seow CH, Williams C, Bernstein CN. Canadian Association of Gastroenterology Clinical Practice Guideline for the Management of Luminal Crohn's Disease. *Journal of the Canadian Association of Gastroenterology*. 2019 Aug;2(3):e1-e34.

Pittayanon R, Lau JT, Yuan Y, Leontiadis GI, Tse F, Surette M, Moayyedi P. Gut Microbiota in Patients With Irritable Bowel Syndrome-A Systematic Review. *Gastroenterology*. 2019 Jul;157(1):97-108.

Pittayanon R, Yuan Y, Bollegala NP, Khanna R, Lacy BE, Andrews CN, Leontiadis GI, Moayyedi P. Prokinetics for Functional Dyspepsia: A Systematic Review and Meta-Analysis of Randomized Control Trials. *American Journal of Gastroenterology*. 2019 Feb;114(2):233-243.

Sadowski DC, Camilleri M, Chey WD, Leontiadis GI, Marshall JK, Shaffer EA, Tse F, Walters JRF. Canadian Association of Gastroenterology Clinical Practice Guideline on the Management of Bile Acid Diarrhea. *Clinical Gastroenterology and Hepatology*. 2020 Jan;18(1):24-41. Epub 2019 Sep 14.

Steinhart AH, Panaccione R, Targownik L, Bressler B, Khanna R, Marshall JK, Afif W, Bernstein CN, Bitton A, Borgiaonkar M, Chauhan U, Halloran B, Jones J, Kennedy E, Leontiadis GI, Loftus EV Jr, Meddings J, Moayyedi P, Murthy S, Plamondon S, Rosenfeld G, Schwartz D, Seow CH, Williams C. Clinical Practice Guideline for the Medical Management of Perianal Fistulizing Crohn's Disease: The Toronto Consensus. *Inflammatory Bowel Disease*. 2019 Jan 1;25(1):1-13.

Wilkinson AN, Lieberman D, Leontiadis GI, Tse F, Barkun AN, Abou-Setta A, Marshall JK, Samadder J, Singh H, Telford JJ, Timmouth J, Leddin D. Colorectal cancer screening for patients with a family history of colorectal cancer or adenomas. *Canadian Family Physician*. 2019 Nov;65(11):784-789.

Yuan Y, Leontiadis GI. Editorial: ulcer-related vs non-ulcer-nonvariceal upper gastrointestinal bleeding-which has worse outcomes? *Alimentary Pharmacology and Therapeutics*. 2019 Mar;49(6):818-819.

## LI, Q

### Book Chapter

Adler, A, Li Q, Williams L, Rakowski H. Hypertrophic cardiomyopathy. In: Naidu, S (Eds). *Natural history of hypertrophic cardiomyopathy*. Springer. 2019;2,9-21.

## LIMA, H

Jiménez-Saiz R, Ellenbogen Y, Bruton K, Spill P, Sommer DD, Lima H, Wasserman S, Patil SU, Shreffler WG, Jordana M. Human BCR analysis of single-sorted, putative IgE+ memory B cells in food allergy. *Journal of Allergy and Clinical Immunology*. 2019 Jul;144(1):336-339.e6.

## LONN, E

Alothman L, Zawadka M, Aljenedil S, Kajil M, Bewick D, Gaudet D, Hegele RA, Lonn E, Ngu D, Ruel I, Tsigoulis M, Singh N, Genest J, Gupta M. Prediction of familial hypercholesterolemia in patients at high atherosclerotic cardiovascular disease risk using a recently validated algorithm. *CJC Open*. 2019 Jun 7;1(4):190-197.

Böhm M, Schumacher H, Teo KK, Lonn EM, Mahfoud F, Mann JFE, Mancia G, Redon J, Schmieder RE, Marx N, Sliwa K, Weber MA, Williams B, Yusuf S. Cardiovascular outcomes and achieved blood pressure in patients with and without diabetes at high cardiovascular risk. *European Heart Journal*. 2019 Jul 1;40(25):2032-2043.

Cholesterol Treatment Trialists' Collaboration. Efficacy and safety of statin therapy in older people: a meta-analysis of individual participant data from 28 randomised controlled trials. *Lancet*. 2019 Feb 2;393(10170):407-415.

## PUBLICATIONS

Gabizon I, Bhagirath V, Lokker C, Bhavnani SP, Lonn E. What do physicians need to know in order to 'prescribe' mobile applications to patients with cardiovascular disease? *Personalized Medicine*. 2019 Jul;16(4):263-268.

Khunti K, Jung H, Dans AL, Held C, Dagenais GR, Yusuf S, Lonn E. Statin use in primary prevention; a simple trial based approach compared to guideline recommended risk algorithms for selection of eligible patients. *Canadian Journal of Cardiology*. 2019 May;35(5):644-652.

Lamy A, Eikelboom J, Sheth T, Connolly S, Bosch J, Fox KAA, Zhu J, Lonn E, Dagenais G, Widimsky P, Branch KRH, Bhatt DL, Zheng Z, Straka Z, Dagenais F, Kong Y, Marsden T, Lee SF, Copland I, Yusuf S. Rivaroxaban, aspirin, or both to prevent early coronary bypass graft occlusion: The COMPASS-CABG Study. *Journal of the American College Cardiology*. 2019 Jan 22;73(2):121-130.

Lamy A, Lonn E, Tong W, Swaminathan B, Jung H, Gafni A, Bosch J, Yusuf S. The cost implication of primary prevention in the HOPE 3 trial. *European Heart Journal Quality of Care & Clinical Outcomes*. 2019 Jul 1;5(3):266-271.

Moayyedi P, Eikelboom JW, Bosch J, Connolly SJ, Dyal L, Shestakovska O, Leong D, Anand SS, Störk S, Branch KRH, Bhatt DL, Verhamme PB, O'Donnell M, Maggioni AP, Lonn EM, Piegas LS, Ertl G, Keltai M, Bruns NC, Muehlhofer E, Dagenais GR, Kim JH, Hori M, Steg PG, Hart RG, Diaz R, Alings M, Widimsky P, Avezum A, Probstfield J, Zhu J, Liang Y, Lopez-Jaramillo P, Kakkar A, Parkhomenko A, Ryden L, Pogosova N, Dans A, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik T, Vinereanu D, Tonkin AM, Lewis BS, Felix C, Yusoff K, Metsarinne K, Fox KAA, Yusuf S; COMPASS investigators. Pantoprazole to prevent gastroduodenal events in patients receiving rivaroxaban and/or aspirin in a randomized, double-blind, placebo-controlled trial. *Gastroenterology*. 2019 Aug;157(2):403-412.e5.

Moayyedi P, Eikelboom JW, Bosch J, Connolly SJ, Dyal L, Shestakovska O, Leong D, Anand SS, Störk S, Branch KRH, Bhatt DL, Verhamme PB, O'Donnell M, Maggioni AP, Lonn EM, Piegas LS, Ertl G, Keltai M, Bruns NC, Muehlhofer E, Dagenais GR, Kim JH, Hori M, Steg PG, Hart RG, Diaz R, Alings M, Widimsky P, Avezum A, Probstfield J, Zhu J, Liang Y, Lopez-Jaramillo P, Kakkar AK, Parkhomenko AN, Ryden L, Pogosova N, Dans AL, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Vinereanu D, Tonkin AM, Lewis BS, Felix C, Yusoff K, Metsarinne KP, Fox KAA, Yusuf S; COMPASS investigators. Safety of proton pump inhibitors based on a large, multi-year, randomized trial of patients receiving rivaroxaban or aspirin. *Gastroenterology*. 2019 Sep;157(3):682-691.e2.

Senni M, Wachter R, Witte KK, Straburzynska-Migaj E, Belohlavek J, Fonseca C, Mueller C, Lonn E, Chakrabarti A, Bao W, Noe A, Schwende H, Butylin D, Pascual-Figal D; TRANSITION Investigators. Initiation of sacubitril/valsartan shortly after hospitalisation for acutely decompensated heart failure in patients with newly diagnosed (de novo) heart failure: a subgroup analysis of the TRANSITION study. *Eur J Heart Fail*. 2020 Feb;22(2):303-312. Epub 2019 Dec 9.

Wachter R, Senni M, Belohlavek J, Straburzynska-Migaj E, Witte KK, Kobalava Z, Fonseca C, Goncalvesova E, Cavusoglu Y, Fernandez A, Chaaban S, Bøhmer E, Pouleur AC, Mueller C, Tribouilloy C, Lonn E, A L Buraiki J, Gniot J, Mozheiko M, Lelonek M, Noè A, Schwende H, Bao W, Butylin D, Pascual-Figal D; TRANSITION Investigators. Initiation of sacubitril/valsartan in haemodynamically stabilised heart failure patients in hospital or early after discharge: primary results of the randomised TRANSITION study. *European Journal of Heart Failure*. 2019 Aug;21(8):998-1007.

### MARSHALL, J

Barkun AN, Almadi M, Kuipers EJ, Laine L, Sung J, Tse F, Leontiadis GI, Abraham NS, Calvet X, Chan FKL, Douketis J, Enns R, Gralnek IM, Jairath V, Jensen D, Lau J, Lip GYH, Loffroy R, Maluf-Filho F, Meltzer AC, Reddy N, Saltzman JR, Marshall JK, Bardou M. Management of nonvariceal upper gastrointestinal bleeding: guideline recommendation from the International Consensus Group. *Annals of Internal Medicine*. 2019 Dec 3;171:805-22.

Habashi P, Bouchard S, Nguyen GC, The Promoting Access and Care through Centres of Excellence (PACE) Network. Transforming access to specialist care for inflammatory bowel disease: the PACE telemedicine program. *Journal of the Canadian Association of Gastroenterology*. 2019 Dec;2:186-94.

Mack DR, Benchimol EI, Critch J, DeBruyn J, Tse F, Moayyedi P, Church P, Deslandres C, El-Matary W, Huynh H, Jantchou P, Lawrence S, Otle A, Sherlock M, Walters T, Kappelman M, Sadowski D, Marshall JK, Griffiths A. Clinical practice guidelines on the management of pediatric Crohn's disease: the Canadian Children Inflammatory Bowel Disease Network and the Canadian Association of Gastroenterology Toronto Consensus. *Gastroenterology*. 2019 Aug;157:320-48.

Mack DR, Benchimol EI, Critch J, DeBruyn J, Tse F, Moayyedi P, Church P, Deslandres C, El-Matary W, Huynh H, Jantchou P, Lawrence S, Otle A, Sherlock M, Walters T, Kappelman M, Sadowski D, Marshall JK, Griffiths A. Clinical practice guidelines on the management of pediatric Crohn's disease: the Canadian Children Inflammatory Bowel Disease Network and the Canadian Association of Gastroenterology Toronto Consensus. *Journal of the Canadian Association of Gastroenterology*. 2019 Aug;2:103-4.

Narula N, Lauzon B, Marshall JK. Higher adalimumab serum levels do not increase the risk of adverse events in patients with inflammatory bowel disease. *Scandinavian Journal of Gastroenterology*. 2019 Jun;54:712-7.

Panaccione R, Steinhart AH, Bressler B, Khanna R, Marshall JK, Targownik L, Afif W, Bitton A, Borgiaonkar M, Chauhan U, Halloran B, Jones J, Kennedy E, Leontiadis GI, Loftus EV, Meddings J, Moayyedi P, Murthy S, Plamondon S, Rosenfeld G, Schwartz D, Seow CH, Williams C, Bernstein CN. Clinical practice guideline for the management of luminal Crohn's disease: the Toronto consensus. *Clinical Gastroenterology and Hepatology*. 2019 Aug;17:1680-713.

Panaccione R, Steinhart AH, Bressler B, Khanna R, Marshall JK, Targownik L, Afif W, Bitton A, Borgiaonkar M, Chauhan U, Halloran B, Jones J, Kennedy E, Leontiadis GI, Loftus EV, Meddings J, Moayyedi P, Murthy S, Plamondon S, Rosenfeld G, Schwartz D, Seow CH, Williams C, Bernstein CN. Clinical practice guideline for the management of luminal Crohn's disease: the Toronto consensus. *Journal of the Canadian Association of Gastroenterology*. 2019 Aug;2:101-2.

Papp KA, Haraoui B, Kumar D, Marshall JK, Bissonnette R, Bitton A, Bressler B, Gooderham M, Ho V, Jamal S, Pope JE, Steinhart AH, Vinh DC, Wade J. Vaccination guidelines for patients with immune-mediated disorders on immunosuppressive therapies. *Journal of Cutaneous Medicine and Surgery*. 2019 Jan/Feb;23:50-74.

Pinto-Sanchez MI, Gadowsky S, McKenzie S, Raphael MJ, Childs A, Thabane M, Hansen S, Marshall JK, Armstrong D. Parenteral nutrition decreases anxiety and depression and improves quality of life when delivered at home: results from a prospective study of a Canadian cohort of patients from the home PN program. *Journal of the Canadian Association of Gastroenterology*. 2019 Dec;2:179-85.

Shajib S, Chauhan U, Adeeb S, Chetty Y, Armstrong D, Halder SLS, Marshall JK, Khan WI. Characterization of serotonin signaling components in patients with inflammatory bowel disease. *Journal of the Canadian Association of Gastroenterology*. 2019 Aug;2:132-40.

Steinhart AH, Panaccione R, Targownik L, Bressler B, Khanna R, Marshall JK, Afif W, Bernstein CN, Bitton A, Borgiaonkar M, Chauhan U, Halloran B, Jones J, Kennedy E, Leontiadis GI, Loftus EV, Meddings J, Moayyedi P, Murthy S, Plamondon S, Rosenfeld G, Schwartz D, Seow CH, Williams C. Clinical practice guideline for the management of perianal fistulizing Crohn's disease: the Toronto consensus. *Inflammatory Bowel Disease*. 2019 Jan 1;25:1-13.

Sutcliffe S, Kalyan S, Pankovich J, Chen JMH, Gluck R, Thompson D, Bosiljic M, Bazett M, Fedorak RN, Panaccione R, Axler J, Marshall JK, Mullins DW, Kabakchiev B, McGovern DPB, Jang J, Coldman A, Vandermeersch G, Bressler B, Gunn H. Novel microbial-based immunotherapy approach for Crohn's disease. *Frontiers in Medicine (Lausanne)*. 2019 Jul 19;6:170.



Turpin W, Espin-Garcia O, Bedrani L, Madsen K, Meddings JB, Raygoza Garay JA, Silverberg MS, Smith MI, Griffiths A, Moayyedi P, Marshall JK, Mack D, Seidman E, Ropelski M, Feagan BG, Jacobson K, Turner D, Walters T, Paterson AD, GEM Project Consortium, Xu W, Croitoru K. Analysis of genetic associations of intestinal permeability in healthy first-degree relatives of Crohn's disease. *Inflammatory Bowel Disease*. 2019 Jul 19;25:1796-804.

Wilkinson AN, Lieberman DA, Leontiadis GI, Tse F, Barkun AN, Abou-Setta AM, Marshall JK, Samadder NJ, Singh H, Telford JJ, Tinmouth J, Leddin D. Clinical practice guidelines on colorectal cancer screening for patients with a family history of colon cancer or advanced adenomas. *Canadian Family Physician*. 2019 Nov;65:784-9.

## MCINTYRE, W

Alfraidi H, Seifer CM, Hiebert BM, Torbiak L, Zieroth S, McIntyre WF. Relation of Increasing QRS Duration Over Time and Cardiovascular Events in Outpatients With Heart Failure. *American Journal of Cardiology*. 2019 Dec 15;124(12):1907-1911.

Arcinas LA, McIntyre WF, Farag A, Kushneriuk D, Hiebert B, Seifer CM. Right ventricular pacing is associated with increased rates of appropriate implantable cardioverter defibrillator shocks. *Annals of Noninvasive Electrocardiology*. 2019 Jul;24(4):e12636.

Arcinas LA, McIntyre WF, Hayes CJ, Ibrahim OA, Baranchuk AM, Seifer CM. Atrial fibrillation in elderly patients with implantable loop recorders for unexplained syncope. *Annals of Noninvasive Electrocardiology*. 2019 May;24(3):e12630.

Donald SJ, McIntyre WF, Dingwall O, Hiebert B, Ponnampalam A, Seifer CM. Is donating blood for the faint of heart? a systematic review of predictors of syncope in whole blood donors. *Transfusion*. 2019 Sep;59(9):2865-2869.

Gupta S, Um KJ, Pandey A, McIntyre WF, Ivanova M, Allahverdi Y, Agahi P, Pandya F, Lopez A, Sachdeva A, Whitlock RP, Belley-Cote EP. Direct Oral Anticoagulants Versus Vitamin K Antagonists in Patients Undergoing Cardioversion for Atrial Fibrillation: a Systematic Review and Meta-analysis. *Cardiovascular Drugs and Therapy*. 2019 Jun;33(3):339-352.

Healey JS, McIntyre WF. The RACE to Treat Atrial Fibrillation in the Emergency Department. *New England Journal of Medicine*. 2019 Apr 18;380(16):1578-1579.

McIntyre WF, Connolly SJ, Wang J, Masiero S, Benz AP, Conen D, Wong JA, Beresh H, Healey JS. Thromboembolic events around the time of cardioversion for atrial fibrillation in patients receiving anti-platelet treatment in the ACTIVE trials. *European Heart Journal*. 2019 Sep 21;40(36):3026-3032.

McIntyre WF, Healey JS, Bhatnagar AK, Wang P, Gordon JA, Baranchuk A, Deif B, Whitlock RP, Belley-Côté EP. Vernakalant for cardioversion of recent-onset atrial fibrillation: a systematic review and meta-analysis. *Europace*. 2019 Aug 1;21(8):1159-1166.

McIntyre WF, Lengyel AP, Healey JS, Vadakken ME, Rai AS, Rochweg B, Bhatnagar A, Deif B, Spence J, Bangdiwala SI, Belley-Côté EP, Whitlock RP. Design and rationale of the atrial fibrillation occurring transiently with stress (AFOTS) incidence study. *Journal of Electrocardiology*. 2019 Nov-Dec;57:95-99.

McIntyre WF, Um KJ, Cheung CC, Belley-Côté EP, Dingwall O, Devereaux PJ, Wong JA, Conen D, Whitlock RP, Connolly SJ, Seifer CM, Healey JS. Atrial fibrillation detected initially during acute medical illness: A systematic review. *Eur Heart Journal of Acute Cardiovascular Care*. 2019 Mar;8(2):130-141.

McIntyre WF, Whitlock RP, Belley-Côté EP. Catheter Ablation of Atrial Fibrillation in Patients With Heart Failure. *Annals of Internal Medicine*. 2019 Jul 2;171(11):76.

Um KJ, McIntyre WF, Healey JS, Mendoza PA, Koziazar A, Amit G, Chu

VA, Whitlock RP, Belley-Côté EP. Pre- and post-treatment with amiodarone for elective electrical cardioversion of atrial fibrillation: a systematic review and meta-analysis. *Europace*. 2019 Jun 1;21(6):856-863.

Wetterslev M, Haase N, Hassager C, Belley-Cote EP, McIntyre WF, An Y, Shen J, Cavalcanti AB, Zampieri FG, Guimaraes HP, Granholm A, Perner A, Møller MH. New-onset atrial fibrillation in adult critically ill patients: a scoping review. *Intensive Care Medicine*. 2019 Jul;45(7):928-938.

## MCIVOR, A

Bourbeau J, Mclvor RA, Devlin HM, Kaplan A. Oscillating positive expiratory pressure (OPEP) device therapy in Canadian respiratory disease management: Review, care gaps and suggestion for use. *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine*. 2019 Mar 8;3(4):233-240.

Kaplan A, Arsenault P, Aw B, Brown V, Fox G, Grossman R, Jadavji T, Laferriere C, Levitz S, Loeb M, Mclvor A, Mody CH, Poulin Y, Shapiro M, Tessier D, Theoret, Weiss K, Yaremko J, Zhanel G. Vaccine strategies for prevention of community-acquired pneumonia in Canada: Who would benefit from Pneumococcal Immunization? *Canadian Family Physician*. 2019 Sep;65(9):625-633.

Kaplan A, Chapman KR, Anees SM, Mayers I, Rochdi, D, Djandji M, Préfontaine D, Mclvor A.

Real-life effectiveness of indacaterol-glycopyrronium after switching from tiotropium or salmeterol/fluticasone therapy in patients with symptomatic COPD: the POWER study

*International Journal of Chronic Obstructive Pulmonary Disease*. 2019 Jan 18;14:249-260.

Thanh NX, Jacobs P, Suggestt J, Mclvor A, Kaplan A. Cost-effectiveness of the Aerobika Oscillating Positive Expiratory Pressure Device in the management of Chronic Obstructive Pulmonary Disease Exacerbations in Canada. *Canadian Respiratory Journal*. 2019 Jan 10;2010:9176504.

## MERCURI, M

Hawley A, O'Farrell AL, Mercuri M, McIntosh S. Rock climber self-rescue skills. *Wilderness & Environmental Medicine*. 2019 Mar;30(1):44-51.

Mercuri M. From the (new) Editor's Desk. *Journal of Evaluation in Clinical Practice*. 2019 Feb;25(1):3-4.

Mercuri M. Humility in the face of Uncertainty. *Journal of Evaluation in Clinical Practice*. 2019 Apr;25(2):173-175.

Mercuri M. The ever-shifting source of authority on what works in clinical medicine. *Journal of Evaluation in Clinical Practice*. 2019 Oct;25(5):703-705.

Mercuri M. The "problem(s)" with quality improvement in health care. *Journal of Evaluation in Clinical Practice*. 2019 Jun;25(3):355-357.

Mercuri M, Baigrie BS. What counts as evidence in an evidence-based world? *Journal of Evaluation in Clinical Practice*. 2019 Aug;25(4):533-535.

Mercuri M, Barseghyan H. Method Hierarchies in Clinical Epidemiology. *Scientonomy: Journal for the Science of Science*. 2019 Dec;3:45-61.

Morrison L, Taylor R, Mercuri M, Thompson J. Examining Return Visits to the Emergency Department after Concussion in Canada. *Canadian Journal of Emergency Medicine*. 2019 Nov;21(6):784-788.

Salehi L, Phalpher P, Valani R, Wan A, Herman J, Mercuri M. Time to transfer of admitted patients from the ED: A contributor to ED boarding in high volume community hospitals. *Health Care Quarterly*. 2019 Jan;21(4):48-53.

Tsoy D, Sneath P, Rempel J, Huang S, Bodnariuc N, Mercuri M, Pardhan A, Chan TM. Creating GridlockED: A serious game for teach-

## PUBLICATIONS

ing about multi-patient environments. *Academic Medicine*. 2019 Jan;94(1):66-70.

### MITHOOWANI, S

Mithoowani S, Arnold DM. First-line therapy for immune thrombocytopenia. *Hamostaseologie*. 2019 Aug;39(3):259-265.

### MOFFAT, K

Douketis JD, Spyropoulos AC, Duncan J, Carrier M, Le Gal G, Tafur AJ, Vanassche T, Verhamme P, Shivakumar S, Gross PL, Lee AYY, Yeo E, Solymoss S, Kassis J, Le Templier G, Kowalski S, Blostein M, Shah V, MacKay E, Wu C, Clark NP, Bates SM, Spencer FA, Arnaoutoglou E, Coppens M, Arnold DM, Caprini JA, Li N, Moffat KA, Syed S, Schulman S. Perioperative Management of Patients With Atrial Fibrillation Receiving a Direct Oral Anticoagulant. *JAMA Internal Medicine*. 2019 Nov 1;179(11):1469-1478.

Hayward CPM, Moffat KA, Brunet J, Carlino SA, Plumhoff E, Meijer P, Zehnder JL. Update on diagnostic testing for platelet function disorders: What is practical and useful? *International Journal of Laboratory Hematology*. 2019 May;41 Suppl 1:26-32.

Moffat KA, Kiencke V, Blanco AN, McLintock C, Peyvandi F, de Maat MPM, Adams MJ, Angchaisuksiri P, Nair S, Tsuda H, Haddad M, Renné T, Clark RC, Ross MT. International Society on Thrombosis and Haemostasis core curriculum project: Core competencies in laboratory thrombosis and hemostasis. *Journal of Thrombosis and Haemostasis*. 2019 Nov;17(11):1848-1859.

### Book Chapters

Hayward CPM, Moffat KA. Platelet Aggregation In: Michelson A, Cattaneo M, Frelinger AL, Newman P (Eds). *Platelets – 4th Edition*. Elsevier / Academic Press. 2019.

Moffat KA. Evaluating Abnormal Coagulation Tests In: Lin, Y, Selby R (Eds). *Bloody Easy Coagulation Simplified– 2nd Edition*. ORBCoN. 2019;4,26-29.

### MOLNAR, A

Hassan R, Akbari A, Brown PA, Hiremath S, Brimble KS, Molnar AO. Risk Factors for Unplanned Dialysis Initiation: A Systematic Review of the Literature. *Canadian Journal of Kidney Health and Disease*. 2019 Mar 13;6:2054358119831684.

Lee EJ, Patel A, Acedillo RR, Bachynski JC, Barrett I, Basile E, Battistella M, Benjamin D, Berry D, Blake PG, Chan P, Bohm CJ, Clemens KK, Cook C, Dember L, Dirk JS, Dixon S, Fowler E, Getchell L, Gholami N, Goldstein C, Hahn E, Hogeterp B, Huang S, Hughes M, Jardine MJ, Kalatharan S, Kilburn S, Lacson E Jr, Leonard S, Liberty C, Lindsay C, MacRae JM, Manns BJ, McCallum J, McIntyre CW, Molnar AO, Mustafa RA, Nesrallah GE, Oliver MJ, Pandes M, Pandeya S, Parmar MS, Rabin EZ, Riley J, Silver SA, Sontrop JM, Sood MM, Suri RS, Tangri N, Tascona DJ, Thomas A, Wald R, Walsh M, Weijer C, Weir MA, Vorster H, Zimmerman D, Garg AX. Cultivating Innovative Pragmatic Cluster-Randomized Registry Trials Embedded in Hemodialysis Care: Workshop Proceedings From 2018. *Canadian Journal of Kidney Health and Disease*. 2019 Dec 26;6:2054358119894394.

Mace-Brickman T, Eddeen AB, Carrero JJ, Mark PB, Molnar AO, Lam NN, Zimmerman D, Harel Z, Sood MM. The Risk of Stroke and Stroke Type in Patients With Atrial Fibrillation and Chronic Kidney Disease. *Canadian Journal of Kidney Health and Disease*. 2019 Dec 4;6:2054358119892372.

### NAIR, P

Aw M, Nair P, Salter B, Chen R, Machida K, Inman MD, O'Byrne PM, Gauvreau G, Sehmi R. Effects of Sex, Age and BMI on ILC2 numbers in Mild and Severe Adult Asthmatics. *Allergy*. 2019 Jul;74(7):1397-1400.

Busse WW, Bleecker ER, FitzGerald JM, Ferguson GT, Barker P, Sproule S, Olsson RF, Martin UJ, Goldman M; BORA study investigators. Long-term safety and efficacy of benralizumab in patients with severe, uncontrolled asthma: 1-year results from the BORA phase 3 extension trial. *Lancet Respiratory Medicine*. 2019 Jan;7(1):46-59.

Diamant Z, Vijverberg S, Agache I, Bjermer L, Chaker A, Gevaert P, Hellings P, Nair P, O'Mahony L, Panzner P, Pohunek P, Vasakova M. Much ado about Biologicals. *Allergy*. 2019 Apr;74(4):837-40.

Doyle AD, Mukherjee M, Ochkur S, Protheroe C, Svenningsen S, Rank M, Wright B, Ho T, Lee NN, Lee JJ, Nair P, Jacobsen E. Eosinophil derived IL-13 promotes emphysema. *European Respiratory Journal*. 2019 May 30;53(5):1801291.

McGregor MC, Krings JG, Nair P, Castro M. Role of biologics for asthma. *American Journal of Respiratory and Critical Care Medicine*. 2019 Feb 15;199(4):433-445.

Mukherjee M, Kjarsgaard M, Radford K, Huang C, Leigh R, Dorscheid D, Lemiere C, Boulet LP, Martin JG, Nair P. Omalizumab in severe asthma with persistent sputum eosinophilia. *Allergy and Asthma Clinical Immunology*. 2019 Apr 3;15:21.

Mukherjee M, Thomas S, Radford K, Dvorkin-Gheva A, Davychenko S, Svenningsen S, Almas S, Felix LC, Stearns J, Li QZ, Khalid N, Lacy P, Nair P. Sputum anti-neutrophil cytoplasmic antibodies in EGPA. *American Journal of Respiratory and Critical Care Medicine*. 2019 Jan 15; 199(2):158-70.

Nair P, O'Byrne PM. The IL-13 paradox in asthma: effective biology, ineffective biologicals. *European Respiratory Journal*. 2019 Jan 31;53(2):1802250.

Pagnoux C, Nair P, Xi Y, Khalidi N, Carette S, Cuthbertson D, Grayson PC, Koening CL, Langford CA, McKeale CA, Moeland L, Monach PA, Seo P, Specks U, Sreih A, Ytterberg SR, Tyrrell PN, Merkel PA, for the Vasculitis Clinical Research Consortium. Serum cytokine and chemokine levels in patients with eosinophilic granulomatosis with polyangiitis, hypereosinophilic syndrome, or eosinophilic asthma. *Clinical and Experimental Rheumatology*. 2019 Mar-Apr;37 Suppl 117(2):40-44.

Seys SF, Quirce S, Agache I, Akdis C, Alvaro-Lozano M, Antolin-Américo D, Bjermer L, Bobolea I, Bonini M, Bossios A, Brinkman P, Bush A, Calderon M, Canonica W, Chanez P, Couto M, Davila I, Del Giacco S, Del Pozo V, Erjefalt J, Gevaert P, Hagedoorn P, Heaney L, Heffler, Hellings P, Kalayci O, Kurovski M, Loukides S, Nair P, Palomares O, Polverino E, Sanchez-Garcia S, Sastre J, Schwarze J, Spanevello A, Ulrik CS, Usmani O, Van den Berge M, Vasakova M, Vijverberg S, Diamant Z. Severe asthma: entering an era of new concepts and emerging therapies. Highlights of the 4th International Severe Asthma Forum, Madrid, 2018. *Allergy*. 2019 Nov;74(11):2244-2248.

Svenningsen S, Eddy R, Kjarsgaard M, Haider S, Boylan C, Parraga G, Nair P. Airway mucus and MRI ventilation heterogeneity in severe asthma. *Chest*. 2019 Jun;155(6):1178-1189.

Svenningsen S, Fowler S, Nair P. Biomarkers for severe asthma. *European Respiratory Monograph*. 2019;93-112.

Svenningsen S, Huang C, Haider E, Eddy RL, Parraga G, Nair P. Normalization of MRI Ventilation Heterogeneity in Severe Asthma by Dupilumab. *Thorax*. 2019 Nov;74(11):1087-88.

Svenningsen S, Lim HF, Kjarsgaard M, McCormack D, Miller JD, Cox P, Nair P. Optimizing sputum cell counts prior to bronchial thermoplasty: A preliminary report. *Canadian Journal of Respiratory, Critical Care and Sleep Medicine*. 2019 Feb 26;3(3):143-7.

Wolfe M, Mukherjee M, Radford K, Brennan JD, Nair P. Rapid quantification of sputum eosinophil peroxidase on a bioactive paper. *Allergy*. 2019 Jun;74(6):1176-1178.

## NAZY, I

Eekels JJM, Althaus K, Bakchoul T, Kroll H, Kiefel V, Nazy I, Lee LS, Sachs UJ, Warkentin TE, Greinacher A. An international External Quality Assessment for laboratory diagnosis of Heparin-Induced Thrombocytopenia. *Journal of Thrombosis and Haemostasis*. 2019 Mar;17(3):525-31.

Huynh A, Arnold DM, Kelton JG, Smith JW, Horsewood P, Clare R, Guarne A, Nazy I. Characterization of platelet factor 4 amino acids that bind pathogenic antibodies in heparin-induced thrombocytopenia. *Journal of Thrombosis and Haemostasis*. 2019 Feb;17(2):389-399.

Ivetic N, Arnold DM, Smith JW, Huynh A, Kelton JG, Nazy I. A platelet viability assay (PVA) for the diagnosis of heparin-induced thrombocytopenia. *Platelets*. 2019;30(8):1017-1021.

Vrbensky JR, Moore JE, Arnold DM, Smith JW, Kelton JG, Nazy I. The Sensitivity and Specificity of Platelet Autoantibody Testing in Immune Thrombocytopenia: A Systematic Review and Meta-Analysis of a Diagnostic Test. *Journal of Thrombosis and Haemostasis*. 2019 May;17(5):787-794.

Warkentin TE, Sheppard JI, Smith JW, Arnold DM, Nazy I. Timeline of heparin-induced thrombocytopenia seroconversion in serial plasma samples tested using an automated latex immunoturbidimetric assay. *International Journal of Laboratory Hematology*. 2019 Aug;41(4):493-502.

## OCZKOWSKI, S

de Bruin S, Alders MY, van Bruggen R, de Korte D, Scheeren TWL, Bakker J, Aubron C, Feldheiser A, Meier J, Cecconi M, Vlaar APJ; Cardiovascular Dynamics Section and Transfusion Task Force of the ESICM; Collaborators. International point prevalence study of Intensive Care Unit transfusion practices-Pilot study in the Netherlands. *Transfusion Clinique et Biologique*. 2019 Nov;26(4):202-208.

B, Oczkowski S, Rochweg B, Carlucci A, Chatwin M, Clini E, Elliott M, Gonzalez-Bermejo J, Hart N, Lujan M, Nasilowski J, Nava S, Pepin JL, Pisani L, Storre JH, Wijkstra P, Tonia T, Boyd J, Scala R, Windisch W. European Respiratory Society guidelines on long-term home non-invasive ventilation for management of COPD. *European Respiratory Journal*. 2019 Sep 28;54(3):1901003.

Oczkowski SJW, Arnold E, Centofanti J, Durepos P, Sarti A, Arseneau E, Dhanani S, Cook DJ, Meade MO. A mixed-methods study of organ donation in the intensive care unit: 22 actionable practices to improve organ donation. *Canadian Journal of Anaesthesia*. 2019 Jun;66(6):686-695.

Oczkowski SJW, Durepos P, Centofanti J, Arseneau E, Dhanani S, Cook DJ, Meade MO. A Multidisciplinary Survey to Assess Facilitators and Barriers to Successful Organ Donation in the Intensive Care Unit. *Progress in Transplant*. 2019 Jun;29(2):179-184.

Park C, Oczkowski S, Shroff A. A Case of Fatal Sepsis from Dog Exposure in a Young Stem Cell Transplant Patient. *Canadian Journal of General Internal Medicine*. 2019 May;14(2):30-33.

Singer P, Blaser AR, Berger MM, Alhazzani W, Calder PC, Casaer MP, Hiesmayr M, Mayer K, Montejo JC, Pichard C, Preiser JC, van Zanten ARH, Oczkowski S, Szczeklik W, Bischoff SC. ESPEN guideline on clinical nutrition in the intensive care unit. *Clinical Nutrition*. 2019 Feb;38(1):48-79.

## PAI, M

Callum J, Yeh CH, Petrosoniak A, McVey MJ, Cope S, Thompson T, Chin V, Karkouti K, Nathens AB, Murto K, Beno S, Pendergrast J, McDonald A, Adhikari NKJ, Alam A, Arnold D, Barratt L, Beckett A, Brennenman S, Chaudhry HR, Collins A, Harvey M, Lampron J, Margarido C, McFarlan A, Nascimento B, Owens W, Pai M, Rizoli S, Ruijs T, Skeate R, Skelton T, Sholzberg M, Syer K, Viveiros J, Theriault J, Tinmouth A, Van Heest R, White S, Zeller M, Pavenski K. A Regional Massive Hemorrhage Protocol: Designed with a modified Delphi technique to obtain consensus. *CMAJ Open*. 2019 Sep 3;7(3): E546-E561.

Keaton C, de Wit K, Parpia S, Schulman S, Afilalo M, Hirsch A, Spencer FA, Sharma S, D'Aragnon F, Deshaies JF, Le Gal G, Lazo-Langner A, Wu C, Rudd-Scott L, Bates SM, Julian JA, Gross P, Iorio A, Linkins LA, Weitz J, Bedek N, Dodds S, Smale S, Stevens P, Webb C, Bhagirath V, Douketis J, Eikelboom J, Pai M, Zondag M, Kahn S, Tselios C, Lim W, Patriquin C, Siegal D, Verhovsek M, Glushchenko A, Kruja E, Carbonneau E, Lamontagne F, Marchand J, Masse HM, Carrier M, Castellucci L, Code C, Duffett L, Forgie M, Gonsalves C, Karovitch A, Rodger M, Scarvelis D, Wells P, Carr H, Clement A, Mullen S, Dreyer J, Pillon S, Columbus M, Pallaveshi L, Hnatiuk M, Patterson J, Sun L, Bellot P, Bhattacharya S, Cairns R, Cleary S, Anand S, Schulman S, Rudd-Scott L, McGean E, McCarty D, Singer J, Rickles F, Sussman J, Ellis P. Diagnosis of Pulmonary Embolism with d-Dimer Adjusted to Clinical Probability. *New England Journal of Medicine*. 2019 Nov 28;381(22):2125-2134.

Pai M, Yeung CH, Akl EA, Darzi A, Hillis C, Legault K, Meerpohl JJ, Santesso N, Taruscio D, Verhovsek M, Schünemann HJ. Strategies for eliciting and synthesizing evidence for guidelines in rare diseases. *BMC Medical Research Methodology*. 2019 Dec;19(1):67.

Schünemann HJ, Zhang Y, Oxman AD, Bognanni A, Brozek J, Crowther M, Cuella C, Cuker A, Djulbegovic B, Falavigna M, Ikbaltzeta IE, Iorio A, Legault K, Meerpohl J, Mustafa R, Lansing J, Pai M, Santesso N, Wiercioch W, Xia J. Distinguishing opinion from evidence in guidelines. *BMJ*. 2019 Jul 19;366:l4606.

Thomasson RR, Gorham JD, Yazer MH, Dunbar NM, MTP Use Study Investigators including Pai M, on behalf of the Biomedical Excellence for Safer Transfusion (BEST) Collaborative. International Assessment of Massive Transfusion Protocol Contents and Indications for Activation. *Transfusion*. 2019 May;59(5):1637-1643.

## PARE, G

Bainey KR, Gupta M, ImtiazA, Bangalore S, Chiu M, Kaila K, Kaul P, Khan N, King-Shier KM, Palaniappan L, Paré G, Ramanathan K, Ross S, Shah BR. The burden of atherosclerotic cardiovascular disease in South Asians residing in Canada: A reflection from the South Asian Heart Alliance. *Canadian Journal of Cardiology – Open Access*. 2019 Oct 30;1(6):271-281.

Chauhan G, Adams HHH, Satizabal CL, Bis JC, Teumer A, Sargurupremraj M, Hofer E, Trompet S, Hilal S, Smith AV, Jian X, Malik R, Traylor M, Pulit SL, Amouyel P, Mazoyer B, Zhu YC, Kaffashian S, Schilling S, Beecham GW, Montine TJ, Schellenberg GD, Kjartansson O, Guðnason V, Knopman DS, Griswold ME, Windham BG, Gottesman RF, Mosley TH, Schmidt R, Saba Y, Schmidt H, Takeuchi F, Yamaguchi S, Nabika T, Kato N, Rajan KB, Aggarwal NT, De Jager PL, Evans DA, Psaty BM, Rotter JI, Rice K, Lopez OL, Liao J, Chen C, Cheng CY, Wong TY, Ikram MK, van der Lee SJ, Amin N, Chouraki V, DeStefano AL, Aparicio HJ, Romero JR, Maillard P, DeCarli C, Wardlaw JM, Hernández MDCV, Luciano M, Liewald D, Deary IJ, Starr JM, Bastin ME, Muñoz Maniega S, Slagboom PE, Beekman M, Deelen J, Uh HW, Lemmens R, Brodaty H, Wright MJ, Ames D, Boncoraglio GB, Hopewell JC, Beecham AH, Blanton SH, Wright CB, Sacco RL, Wen W, Thalamuthu A, Armstrong NJ, Chong E, Schofield PR, Kwok JB, van der Grond J, Stott DJ, Ford I, Jukema JW, Vernooij MW, Hofman A, Uitterlinden AG, van der Lugt A, Wittfeld K, Grabe HJ, Hosten N, von Sarnowski B, Völker U, Levi C, Jimenez-Conde J, Sharma P, Sudlow CLM, Rosand J, Woo D, Cole JW, Meschia JF, Slowik A, Thijs V, Lindgren A, Melander O, Grewal RP, Rundek T, Rexrode K, Rothwell PM, Arnett DK, Jern C, Johnson JA, Benavente OR, Wasssertheil-Smoller S, Lee JM, Wong Q, Mitchell BD, Rich SS, McArdle PF, Geerlings MI, van der Graaf Y, de Bakker PIW, Asselbergs FW, Srikanth V, Thomson R, McWhirter R, Moran C, Callisaya M, Phan T, Rutten-Jacobs LCA, Bevan S, Tzourio C, Mather KA, Sachdev PS, van Duijn CM, Worrall BB, Dichgans M, Kittner SJ, Markus HS, Ikram MA, Fornage M, Launer LJ, Seshadri S, Longstreth WT Jr, Debette S; Stroke Genetics Network (SiGN), the International Stroke Genetics Consortium (ISGC), METASTROKE, Alzheimer's Disease Genetics Consortium (ADGC), and the Neurology Working Group of the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE)



## PUBLICATIONS

Consortium. Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. *Neurology*. 2019 Jan 16;92(5):e486–503.

Chong M, Sjaarda J, Pigeire M, Mohammadi-Shemirani P, Lali R, Shoamanesh A, Gerstein H, Paré G. Novel drug targets for ischemic stroke identified through Mendelian randomization analysis of the blood proteome. *Circulation*. 2019 Sep 9;140(10):819–830.

Day EA, Ford RJ, Smith BK, Mohammadi-Shemirani P, Morrow MR, Gutgesell RM, Lu R, Raphenya AR, Kabiri M, McArthur AG, McInnes N, Hess S, Paré G, Gerstein HC, Steinberg GR. Metformin-induced increases in GDF15 are important for suppressing appetite and promoting weight loss. *Nature Metabolism*. 2019 Dec 09;1202–1209.

Deng WQ, Mao S, Kalnapenkis A, Esko T, Magi R, Paré G. Analytical strategies to include the X-chromosome in variance heterogeneity analyses: evidence for trait-specific polygenic variance structure. *Genetic Epidemiology*. 2019 Oct;43(7):815–830.

Gerstein HC, Paré G, McQueen MJ, Lee SF, Bangdiwala SI, Kannt A, Hess S; ORIGIN Trial Investigators. Novel Biomarkers for Change in Renal Function in People With Dysglycemia. *Diabetes Care*. 2020 Feb;43(2):433–439. Epub 2019 Nov 14.

Lali R, Cui E, Ansarikaleibari A, Pigeire M, Paré G. Genetics of early-onset coronary artery disease from discovery to clinical translation. *Current Opinion in Cardiology*. 2019 Nov;34(6):706–713.

Mohammadi-Shemirani P, Sjaarda J, Gerstein HC, Treleaven DJ, Walsh M, Mann JF, McQueen MJ, Hess S, Paré G. A Mendelian Randomization-Based Approach to Identify Early and Sensitive Diagnostic Biomarkers of Disease. *Clinical Chemistry*. 2019 Mar;65(3):427–436.

Okazaki S, Morimoto T, Kamatani Y, Kamimura T, Kobayashi H, Harada K, Tomita T, Higashiyama A, Takahashi JC, Nakagawara J, Koga M, Toyoda K, Washida K, Saito S, Takahashi A, Hirata M, Matsuda K, Mochizuki H, Chong M, Paré G, O'Donnell M, Ago T, Hata J, Ninomiya T, Dichgans M, Debette S, Kubo M, Koizumi A, Ihara M. Moyamoya disease susceptibility variant RNF213 p.R4810K increases the risk of ischemic stroke attributable to large-artery atherosclerosis. *Circulation*. 2019 Jan 8;139(2):295–298.

Patel RS, Schmidt AF, Tragante V, McCubrey RO, Holmes MV, Howe LJ, Direk K, Åkerblom A, Leander K, Virani SS, Kaminski KA, Muehlschlegel JD, Dubé MP, Allayee H, Almgren P, Alver M, Baranova EV, Behloui H, Boeckx B, Braund PS, Breitling LP, Delgado G, Duarte NE, Dufresne L, Eriksson N, Foco L, Gijsberts CM, Gong Y, Hartiala J, Heydarpour M, Hubacek JA, Kleber M, Kofink D, Kuukasjärvi P, Lee VV, Leiberer A, Lenzini PA, Levin D, Lyytikäinen LP, Martinelli N, Mons U, Nelson CP, Nikus K, Pilbrow AP, Ploski R, Sun YV, Tanck MWT, Tang WHW, Trompet S, van der Laan SW, van Setten J, Vilmundarson RO, Viviani Anselmi C, Vlachopoulou E, Boerwinkle E, Briguori C, Carlquist JF, Carruthers KF, Casu G, Deanfield J, Deloukas P, Dudbridge F, Fitzpatrick N, Gigante B, James S, Lokki ML, Lotufo PA, Marziliano N, Mordi IR, Muhlestein JB, Newton Cheh C, Pitha J, Saely CH, Samman-Tahhan A, Sandesara PB, Teren A, Timmis A, Van de Werf F, Wauters E, Wilde AAM, Ford I, Stott DJ, Algra A, Andreassi MG, Ardissino D, Arsenault BJ, Ballantyne CM, Bergmeijer TO, Bezzina CR, Body SC, Bogaty P, de Borst GJ, Brenner H, Burkhardt R, Carpeggiani C, Condorelli G, Cooper-DeHoff RM, Cresci S, de Faire U, Doughty RN, Drexel H, Engert JC, Fox KAA, Girelli D, Hagström E, Hazen SL, Held C, Hemingway H, Hofer IE, Hovingh GK, Johnson JA, de Jong PA, Jukema JW, Kaczor MP, Kähönen M, Kettner J, Kiliszek M, Klungel OH, Lagerqvist B, Lambrechts D, Laurikka JO, Lehtimäki T, Lindholm D, Mahmoodi BK, Maitland-van der Zee AH, McPherson R, Melander O, Metspalu A, Pepinski W, Olivieri O, Opolski G, Palmer CN, Pasterkamp G, Pepine CJ, Pereira AC, Pilote L, Quyyumi AA, Richards AM, Sanak M, Scholz M, Siegbahn A, Sinisalo J, Smith JG, Spertus JA, Stewart AFR, Szczeklik W, Szpakowicz A, Ten Berg JM, Thanassoulis G, Thiery J, van der Graaf Y, Visseren FLJ, Waltenberger J; CARDIoGRAMPlusC4D Consortium, Van der Harst P, Tardif JC, Sattar N, Lang CC, Pare G, Brophy JM, Anderson JL, März W, Wallentin L,

Cameron VA, Horne BD, Samani NJ, Hingorani AD, Asselbergs FW. Association of chromosome 9p21 with subsequent coronary heart disease events: A GENIUS-CHD Study of individual participant data. *Circulation: Genomic and Precision Medicine*. 2019 Apr;12(4):e002471.

Patel RS, Tragante V, Schmidt AF, McCubrey RO, Holmes MV, Howe LJ, Direk K, Åkerblom A, Leander K, Virani SS, Kaminski KA, Muehlschlegel JD, Allayee H, Almgren P, Alver M, Baranova EV, Behloui H, Boeckx B, Braund PS, Breitling LP, Delgado G, Duarte NE, Dubé MP, Dufresne L, Eriksson N, Foco L, Scholz M, Gijsberts CM, Glinge C, Gong Y, Hartiala J, Heydarpour M, Hubacek JA, Kleber M, Kofink D, Kotti S, Kuukasjärvi P, Lee VV, Leiberer A, Lenzini PA, Levin D, Lyytikäinen LP, Martinelli N, Mons U, Nelson CP, Nikus K, Pilbrow AP, Ploski R, Sun YV, Tanck MWT, Tang WHW, Trompet S, van der Laan SW, Van Setten J, Vilmundarson RO, Viviani Anselmi C, Vlachopoulou E, Al Ali L, Boerwinkle E, Briguori C, Carlquist JF, Carruthers KF, Casu G, Deanfield J, Deloukas P, Dudbridge F, Engström T, Fitzpatrick N, Fox K, Gigante B, James S, Lokki ML, Lotufo PA, Marziliano N, Mordi IR, Muhlestein JB, Newton-Cheh C, Pitha J, Saely CH, Samman-Tahhan A, Sandesara PB, Teren A, Timmis A, Van de Werf F, Wauters E, Wilde AAM, Ford I, Stott DJ, Algra A, Andreassi MG, Ardissino D, Arsenault BJ, Ballantyne CM, Bergmeijer TO, Bezzina CR, Body SC, Boersma EH, Bogaty P, Bots ML, Brenner H, Bruggs JJ, Burkhardt R, Carpeggiani C, Condorelli G, Cooper-DeHoff RM, Cresci S, Danchin N, de Faire U, Doughty RN, Drexel H, Engert JC, Fox KAA, Girelli D, Grobbee DE, Hagström E, Hazen SL, Held C, Hemingway H, Hofer IE, Hovingh GK, Jabbari R, Johnson JA, Jukema JW, Kaczor MP, Kähönen M, Kettner J, Kiliszek M, Klungel OH, Lagerqvist B, Lambrechts D, Laurikka JO, Lehtimäki T, Lindholm D, Mahmoodi BK, Maitland-van der Zee AH, McPherson R, Melander O, Metspalu A, Niemcunowicz-Janica A, Olivieri O, Opolski G, Palmer CN, Pasterkamp G, Pepine CJ, Pereira AC, Pilote L, Quyyumi AA, Richards AM, Sanak M, Siegbahn A, Simon T, Sinisalo J, Smith JG, Spertus JA, Stender S, Stewart AFR, Szczeklik W, Szpakowicz A, Tardif JC, Ten Berg JM, Tfelt-Hansen J, Thanassoulis G, Thiery J, Torp-Pedersen C, van der Graaf Y, Visseren FLJ, Waltenberger J, Weeke PE, Van der Harst P, Lang CC, Sattar N, Cameron VA, Anderson JL, Brophy JM, Pare G, Horne BD, März W, Wallentin L, Samani NJ, Hingorani AD, Asselbergs FW. Subsequent event risk in individuals with established coronary heart disease: Design and rationale of the GENIUS-CHD Consortium. *Circulation: Genomic and Precision Medicine*. 2019 Apr;12(4):e002470.

Paré G, Bhatt DL. Linking spontaneous coronary artery dissection, cervical artery dissection and fibromuscular dysplasia: heart, brain, and kidneys. *Journal of the American College of Cardiology*. 2019 Jan 8;73(1):67–69.

Paré G, Çaku A, McQueen M, Anand SS, Enas E, Clarke R, Boffa MB, Koschinsky M, Wang X, Yusuf S, on behalf of the INTERHEART Investigators. Lipoprotein(a) levels and the risk of myocardial infarction among seven ethnic groups. *Circulation*. 2019 Mar 19;139(12):1472–1482.

Pigeire M, Sjaarda J, Mao S, Chong M, Hess S, Yusuf S, Gerstein H, Paré G. Identification of novel causal blood biomarkers linking metabolically favorable adiposity with Type 2 diabetes risk. *Diabetes Care*. 2019 Sep; 42(9):1800–1808.

Schmidt AF, Holmes MV, Preiss D, Swerdlow D, Denaxas S, Fatemifar G, Faraway R, Finan C, Paré G, van der Harst P, Said A, Eppinga RN, Verweij N, Snieder H, Christen T, Mook-Kanamori D, Asselbergs FW, Patel RS, Keating BJ, Sattar N, Houlston R, Casas JP, Hingorani AD. Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC Cardiovascular Disorders*. 2019 Oct 29;19(1):240.

Tam V, Patel N, Turcotte M, Bossé, Paré G, Meyre D. Benefits and limitations of genome-wide association studies. *Nature Reviews Genetics*. 2019 Aug;20(8):467–484.

Traylor M, Tozer DJ, Croall ID, Liseicka Ford DM, Olorunda AO, Boncoraglio G, Dichgans M, Lemmens R, Rosand J, Rost NS, Rothwell PM, Sudlow CLM, Thijs V, Rutten-Jacobs L, Markus HS; International Stroke Genetics Consortium. Genetic variation in PLEKHG1 is associ-

ated with matter hyperintensities (n=11,226). *Neurology*. 2019 Feb 19;92(8):e749-e757.

## PREBTANI, A

Ezzat S, Caspar-Bell GM, Chik CL, Denis MC, Domingue MÈ, Imran SA, Johnson MD, Lochnan HA, Grégoire Nyomba BL, Prebtani A, Ridout R, Ramirez JAR, Van Uum S. PREDICTIVE MARKERS FOR POSTSURGICAL MEDICAL MANAGEMENT OF ACROMEGALY: A SYSTEMATIC REVIEW AND CONSENSUS TREATMENT GUIDELINE. *Endocrine Practice*. 2019 Apr;25(4):379-393.

VanderVeer EA, Torbiak RP, Prebtani AP, Warkentin TE. Spontaneous heparin-induced thrombocytopenia syndrome presenting as bilateral adrenal infarction after knee arthroplasty. *BMJ Case Reports*. 2019 Dec 29;12(12):e232769.

## PUNTHAKEE, Z

Cukierman-Yaffe T, Bosch J, Jung H, Punthakee Z, Gerstein HC. Hypoglycemia and Incident Cognitive Dysfunction: A Post Hoc Analysis From the ORIGIN Trial. *Diabetes Care*. 2019 Jan;42:142-147.

Fowokan A, Punthakee Z, Waddell C, Rosin M, Morrison KM, Gupta M, Rangarajan S, Teo K, Lear S. Multifactorial correlates of blood pressure in South Asian children in Canada: a cross-sectional study. *BMJ Open*. 2019 Apr 8;9(4):e027844.

Fowokan AO, Punthakee Z, Waddell C, Rosin M, Morrison KM, Gupta M, Teo K, Rangarajan S, Lear SA. Adiposity measures and their validity in estimating risk of hypertension in South Asian children: a cross-sectional study *BMJ Open*. 2019 Feb 20;9(2):e024087.

Oreskovich SM, Ong FJ, Ahmed BA, Konyer NB, Blondin DP, Gunn E, Singh NP, Noseworthy MD, Haman F, Carpentier AC, Punthakee Z, Steinberg GR, Morrison KM. MRI Reveals Human Brown Adipose Tissue Is Rapidly Activated in Response to Cold. *Journal of the Endocrine Society*. 2019 Oct 14;3(12):2374-2384.

Sherifali D, Brozic A, Agema P, Gerstein HC, Punthakee Z, McInnes N, O'Reilly D, Ibrahim S, Usman Ali RM. The Diabetes Health Coaching Randomized Controlled Trial: Rationale, Design and Baseline Characteristics of Adults Living With Type 2 Diabetes. *Canadian Journal of Diabetes*. 2019 Oct;43(7):477-482.

Shulman R, Zenlea I, Shah BR, Clarson C, Harrington J, Landry A, Punthakee Z, Palmert MR, Mukerji G, Austin PC, Parsons J, Ivers N. Testing an audit and feedback-based intervention to improve glycemic control after transfer to adult diabetes care: protocol for a quasi-experimental pre-post design with a control group. *BMC Health Services Research*. 2019 Nov 25;19(1):885.

## ROCHWERG, B

Alaifan T, Alenazy A, Xiang Wang D, Fernando SM, Spence J, Belle-Cote E, Fox-Robichaud A, Ainsworth C, Karachi T, Kyeremanteng K, Zarychanski R, Whitlock R, Rochweg B. Tranexemic acid in cardiac surgery: a systematic review and meta-analysis protocol. *BMJ Open*. 2019 Sep 17;9(9):e028585.

Annane D, Bellissant E, Bollaert PE, Briegel J, Keh D, Kupfer Y, Pirracchio R, Rochweg B. Corticosteroids for treating sepsis in children and adults. *Cochrane Database Systematic Reviews*. 2019 Dec 6;12:CD002243.

Belle-Cote EP, Whitlock RP, Ulic DV, Honarmand K, Khalifa A, McClure GR, Gibson A, Alshamsi F, D'Aragon F, Rochweg B, Duan E, Savija N, Karachi T, Lamontagne F, Kavsak P, Cook DJ. The PROTROPIC feasibility study: prognostic value of elevated troponins in critical illness. *Canadian Journal of Anaesthesia*. 2019 Jun;66(6):648-657.

Bulfon AF, Alomani HL, Anton N, Comrie BT, Rochweg B, Stef SA, Thabane L, Vanniyasingam T, Choong K. Intravenous fluid prescription practices in critically ill children: a shift in focus from natremia to chloremia? *Journal of Pediatric Intensive Care*. 2019 Dec;8(4):218-225.

Burns KEA, Rizvi L, Cook DJ, Seely AJE, Rochweg B, Lamontagne F, Devlin JW, Dodek P, Mayette M, Tanios M, Gouskos A, Kay P, Mitchell S, Kiedrowski KC, Hill NS; Canadian Critical Care Trials Group. Frequency of screening and SBT technique trial – North American weaning collaborative (FAST-NAWC): a protocol for a multicenter, factorial randomized trial. *Trials*. 2019 Oct 11;20(1):587.

Costigan FA, Rochweg B, Molloy AJ, McCaughan M, Millen T, Reid JC, Farley C, Patterson L, Kho ME. I SURVIVE: inter-rater reliability of three physical function outcome measures in intensive care unit survivors. *Canadian Journal of Anaesthesia*. 2019 Oct;66(10):1173-1183.

Ergan B, Oczkowski S, Rochweg B, Carlucci A, Chatwin M, Clini E, Elliott M, Gonzalez-Bermejo J, Hart N, Lujan M, Nasilowski J, Nava S, Pepin JL, Pisani L, Storre JH, Wijkstra P, Tonia T, Boyd J, Scala R, Windisch W. European Respiratory Society guidelines on long-term home non-invasive ventilation for management of COPD. *European Respiratory Journal*. 2019 Sep 28;54(3).

Fernando SM, Bagshaw SM, Rochweg B, McIsaac DI, Thavorn K, Forster AJ, Tran A, Reardon PM, Rosenberg E, Tanuseputro P, Kyeremanteng K. Comparison of outcomes and costs between adult diabetic ketoacidosis patients admitted to the ICU and step-down unit. *Journal of Critical Care*. 2019 Apr;50:257-261.

Fernando SM, Fox-Robichaud AE, Rochweg B, Cardinal P, Seely AJE, Perry JJ, McIsaac DI, Tran A, Skitch S, Tam B, Hickey M, Reardon PM, Tanuseputro P, Kyeremanteng K. Prognostic accuracy of the Hamilton Early Warning Score (HEWS) and the National Early Warning Score 2 (NEWS2) among hospitalized patients assessed by a rapid response team. *Critical Care*. 2019 Feb 21;23(1):60.

Fernando SM, McIsaac DI, Kubelik D, Rochweg B, Thavorn K, Montroy K, Halevy M, Ullrich E, Hooper J, Tran A, Nagpal S, Tanuseputro P, Kyeremanteng K. Hospital resource use and costs among abdominal aortic aneurysm repair patients admitted to the intensive care unit. *Journal of Vascular Surgery*. 2020 Apr;71(4):1190-1199.e5. Epub 2019 Sep 5.

Fernando SM, McIsaac DI, Perry JJ, Rochweg B, Bagshaw SM, Thavorn K, Seely AJE, Forster AJ, Fiest KM, Dave C, Tran A, Reardon PM, Tanuseputro P, Kyeremanteng K. Frailty and associated outcomes and resource utilization among older ICU patients with suspected infection. *Critical Care Medicine*. 2019 Aug;47(8):e669-e676.

Fernando SM, McIsaac DI, Rochweg B, Bagshaw SM, Muscedere J, Munshi L, Ferguson ND, Seely AJE, Cook DJ, Dave C, Tanuseputro P, Kyeremanteng K. Frailty and invasive mechanical ventilation: association with outcomes, extubation failure and tracheostomy. *Intensive Care Medicine*. 2019 Dec;45(12):1742-1752.

Fernando SM, McIsaac DI, Rochweg B, Cook DJ, Bagshaw SM, Muscedere J, Munshi L, Nolan JP, Perry JJ, Downar J, Dave C, Reardon PM, Tanuseputro P, Kyeremanteng K. Frailty and associated outcomes and resource utilization following in-hospital cardiac arrest. *Resuscitation*. 2020 Jan 1;146:138-144. Epub 2019 Nov 27.

Fernando SM, Mok G, Castellucci LA, Dowlatshahi D, Rochweg B, McIsaac DI, Carrier M, Wells PS, Bagshaw SM, Fergusson DA, Tanuseputro P, Kyeremanteng K. Impact of anticoagulation on Mortality and Resource Utilization among critically ill patients with major bleeding. *Critical Care Medicine*. 2020 Apr;48(4):515-524. Epub 2019 Dec 19.

Fernando SM, Mok G, Rochweg B, English SW, Thavorn K, McCredie VA, Dowlatshahi D, Perry JJ, Wijidicks EFM, Reardon PM, Tanuseputro P, Kyeremanteng K. Preadmission antiplatelet use and associated outcomes and costs among ICU patients with intracranial hemorrhage. *Journal of Intensive Care Medicine*. 2019 Nov 19;885066619885347.

Fernando SM, Qureshi D, Tanuseputro P, Fan E, Munshi L, Rochweg B, Talarico R, Scales DC, Brodie D, Dhanani S, Guerguerian AM, Shemie SD, Thavorn K, Kyeremanteng K. Mortality and costs following extracorporeal membrane oxygenation in critically ill adults: a population based cohort study. *Intensive Care Medicine*. 2019 Nov;45(11):1580-1589.

## PUBLICATIONS

- Fernando SM, Tran A, Cheng W, Rochweg B, Taljaard M, Kyeremanteng K, English SW, Sekhon MS, Griesdale DEG, Dowlatshahi D, McCredie VA, Wijidicks EFM, Almenawer SA, Inaba K, Rajajee V, Perry JJ. Diagnosis of elevated intracranial pressure in critically ill adults: systematic review and meta-analysis. *BMJ*. 2019 Jul 24;366:l4225.
- Fernando SM, Tran A, Cheng W, Rochweg B, Taljaard M, Vaillancourt C, Rowan KM, Harrison DA, Nolan JP, Kyeremanteng K, McIsaac DI, Guyatt GH, Perry JJ. Pre-arrest and intra-arrest prognostic factors associated with survival after in-hospital cardiac arrest: systematic review and meta-analysis. *BMJ*. 2019 Dec 4;367:l6373.
- Gershkovich B, Fernando SM, Herritt B, Castellucci LA, Rochweg B, Munshi L, Mehta S, Seely AJE, McIsaac DI, Tran A, Reardon PM, Tanuseputro P, Kyeremanteng K. Outcomes of hospitalized hematologic oncology patients receiving rapid response system activation for acute deterioration. *Critical Care*. 2019 Aug 27;23(1):286.
- Gupta S, Belle-Côté EP, Rochweg B, Bozzo A, Panchal P, Pandey A, Mbuagbaw L, Mehta S, Schwalm JD, Whitlock RP. Antiplatelet therapy and coronary artery bypass grafting: protocol for a systematic review and network meta-analysis. *Medicine (Baltimore)*. 2019 Aug;98(34):e16880.
- Hamidi M, Gossack-Keenan KL, Ferreyro BL, Angriman F, Rochweg B, Mehta S. Outcomes of hematopoietic cell transplant recipients requiring invasive mechanical ventilation: a two-centre retrospective cohort study. *Canadian Journal of Anaesthesia*. 2019 Dec;66(12):1450-1457.
- Honarmand K, Um KJ, Belle-Côté EP, Alhazzani W, Farley C, Fernando SM, Fiest K, Grey D, Hajdini E, Herridge M, Hrymak C, Møller MH, Kanji S, Lamontagne F, Lauzier F, Mehta S, Paunovic B, Singal R, Tsang JL, Wynne C, Rochweg B. Canadian Critical Care Society clinical practice guideline: The use of vasopressin and vasopressin analogues in critically ill adults with distributive shock. *Canadian Journal of Anaesthesia*. 2020 Mar;67(3):369-376. Epub 2019 Dec 3.
- Kho ME, Molloy AJ, Clarke FJ, Reid JC, Herridge MS, Karachi T, Rochweg B, Fox-Robichaud AE, Seely AJ, Mathur S, Lo V, Burns KE, Ball IM, Pellizzari JR, Tarride JE, Rudkowski JC, Koo K, Heels-Ansdell D, Cook DJ. Multicentre pilot randomised clinical trial of early in-bed cycle ergometry with ventilated patients. *BMJ Open Respiratory Research*. 2019 Feb 18;6(1):e000383.
- Lau VI, Rochweg B, Xie F, Johnstone J, Basmaji J, Balakumaran J, Iansavichene A, Cook DJ. Probiotics in hospitalized adult patients: a systematic review of economic evaluations. *Canadian Journal of Anaesthesia*. 2020 Feb;67(2):247-261. Epub 2019 Nov 12.
- Lewis KA, Chaudhuri D, Guyatt G, Burns KEA, Bosma K, Ge L, Karachi T, Piraino T, Fernando SM, Ranganath N, Brochard L, Rochweg B. Comparison of ventilatory modes to facilitate liberation from mechanical ventilation: a protocol for a systematic review and network meta-analysis. *BMJ Open*. 2019 Sep 5;9(9):e030407.
- Lewis K, Culgin S, Jaeschke R, Perri D, Marchildon C, Hassall K, Piraino T, Thabane L, Alzubair Y, Alshahrani MS, Rochweg B, Baw B, Szczeklik W, Karachi T, Alhazzani W; GUIDE Group. Cuff leak test and airway obstruction in mechanically ventilated ICU patients (COMIC): a pilot randomised controlled trial protocol. *BMJ Open*. 2019 Jul 19;9(7):e029394.
- Lewis KA, Spence J, Dionne JC, Rochweg B. Critical Care Prophylaxis. Sometimes Less Is More. *Am J Respir Crit Care Med*. 2019 Dec 15;200(12):1539-1541.
- McCaskell DS, Molloy AJ, Childerhose L, Costigan FA, Reid JC, McCaughan M, Clarke F, Cook DJ, Rudkowski JC, Farley C, Karachi T, Rochweg B, Newman A, Fox-Robichaud A, Herridge MS, Lo V, Feltracco D, Burns KEA, Porteous R, Seely AJE, Ball IM, Seczek A, Kho ME. Correction to: project management lessons learned from the multicenter CYCLE pilot randomized controlled trial. *Trials*. 2019 Oct 25;20(1):606.
- McCaskell DS, Molloy AJ, Childerhose L, Costigan FA, Reid JC, McCaughan M, Clarke F, Cook DJ, Rudkowski JC, Farley C, Karachi T, Rochweg B, Newman A, Fox-Robichaud A, Herridge MS, Lo V, Feltracco D, Burns KEA, Porteous R, Seely AJE, Ball IM, Seczek A, Kho ME. Project management lessons learned from the multicenter CYCLE pilot randomized controlled trial. *Trials*. 2019 Aug 28;20(1):532.
- McIntyre WF, Lengyel AP, Healey JS, Vadakken ME, Rai AS, Rochweg B, Bhatnagar A, Deif B, Spence J, Bangdiwala SI, Belle-Côté EP, Whitlock RP. Design and Rationale of the atrial fibrillation occurring transiently with stress (AFOTS) incidence study. *Journal of Electrocardiology*. 2019 Sep 6;57:95-99.
- Meduri GU, Rochweg B, Annane D, Pastores SM; Corticosteroid Guideline Task Force of SCCM and ESICM. Methylprednisolone: likely an Effective Treatment in Acute Respiratory Distress Syndrome. *Critical Care Medicine*. 2019 Apr;47(4):e374-375.
- Mian H, Mian OS, Rochweg B, Foley R, Wildes TM. Autologous stem cell transplant in older patients (age > 65) with newly diagnosed multiple myeloma: a systematic review and meta-analysis. *J Geriatr Oncol*. 2020 Jan;11(1):93-99. Epub 2019 May 30.
- Ning S, Liu Y, Barty R, Cook R, Rochweg B, Iorio A, Warkentin TE, Heddle NM, Arnold DM. The association between platelet transfusion and mortality in patients with critical illness. *Transfusion*. 2019 Jun;59(6):1962-1970.
- Oczkowski SJ, Rochweg B, Alhazzani W, Siemieniuk RAC, Annane D, Guyatt G. The authors reply. *Critical Care Medicine*. 2019 Feb;47(2):e158-159.
- Rochweg B. Providing expert guidance in the evidence-based medicine era? *Canadian Journal of Anaesthesia*. 2019 Apr;66(4):356-359.
- Rochweg B, Granton D, Wang DX, Einav S, Burns KEA. High-flow nasal cannula compared with conventional oxygen therapy for acute hypoxemic respiratory failure: author's reply. *Intensive Care Medicine*. 2019 Aug;45(8):1171.
- Rochweg B, Granton D, Wang DX, Helviz Y, Einav S, Frat JP, Mekontso-Dessap A, Schreiber A, Azoulay E, Mercat A, Demoule A, Lemiale V, Pesenti A, Riviello ED, Mauri T, Mancebo J, Brochard L, Burns KEA. High flow nasal cannula compared with conventional oxygen therapy for acute hypoxemic respiratory failure: a systematic review and meta-analysis. *Intensive Care Medicine*. 2019 May;45(5):563-572.
- Rochweg B, Lalji F, Cheung JH, Ribic CM, Meade MO, Cook DJ, Wilkieson TT, Hosek P, Jones G, Margetts PJ, Gangji AS. Using bio-impedance analysis to assess intensive care unit patients with sepsis in the post-resuscitation period: a prospective multicenter observational study. *Canadian Journal of Anaesthesia*. 2020 Apr;67(4):437-444. Epub 2019 Dec 20.
- Yepes-Nuñez JJ, Li SA, Guyatt G, Jack SM, Brozek JL, Beyene J, Murad MH, Rochweg B, Mbuagbaw L, Zhang Y, Flórez ID, Siemieniuk RA, Sadeghirad B, Mustafa R, Santesso N, Schünemann HJ. Development of the summary of findings table for network meta-analysis. *Journal of Clinical Epidemiology*. 2019 May 2;115:1-13.
- Zeller MP, Rochweg B, Jamula E, Li N, Hillis C, Acker JP, Runciman RJR, Lane SJ, Ahmed N, Arnold DM, Heddle NM. Sex-mismatched red blood cell transfusions and mortality: a systematic review and meta-analysis. *Vox Sang*. 2019 Jul;114(5):505-516.

## RODRIGUEZ, A

Chen AT, Brady L, Bulman DE, Sundaram ANE, Rodriguez AR, Margolin E, Wayne JS, Tarnopolsky MA. An evaluation of genetic causes and environmental risks for bilateral optic atrophy. *PLoS One*. 2019 Nov 25;14(11):e0225656.

Ing EB, Miller NR, Nguyen A, Su W, Bursztyn LLC, Poole M, Kansal V, Toren A, Albreki D, Mouhanna JG, Muladzanov A, Bernier M, Gans M, Lee D, Wendel C, Sheldon C, Shields M, Bellan L, Lee-Wing M,



Mohadjer Y, Nijhawan N, Tyndel F, Sundaram ANE, Ten Hove MW, Chen JJ, Rodriguez AR, Hu A, Khalidi N, Ing R, Wong SWK, Torun N. Neural network and logistic regression diagnostic prediction models for giant cell arteritis: development and validation. *Clinical Ophthalmology*. 2019 Feb 21;13:421-430.

## RUDKOWSKI, J

Hamilton M, Tomlinson G, Chu L, Robles P, Matte A, Burns S, Thomas C, Lamontagne F, Adhikari NKJ, Ferguson N, Friedrich JO, Rudkowski JC, Skrobik Y, Meggison H, Cameron J, Herridge M; RECOVER Program Investigators; Canadian Critical Care Trials Group. Determinants of Depressive Symptoms at 1 Year Following ICU Discharge in Survivors of  $\geq 7$  Days of Mechanical Ventilation: Results From the RECOVER Program, a Secondary Analysis of a Prospective Multicenter Cohort Study. *Chest*. 2019 Sep;156(3):466-476.

Kho ME, Molloy AJ, Clarke FJ, Reid JC, Herridge MS, Karachi T, Rochweg B, Fox-Robichaud AE, Seely AJ, Mathur S, Lo V, Burns KE, Ball IM, Pellizzari JR, Tarride JE, Rudkowski JC, Koo K, Heels-Ansdell D, Cook DJ. Multicentre pilot randomised clinical trial of early in-bed cycle ergometry with ventilated patients. *BMJ Open Respiratory Research*. 2019 Feb 18;6(1):e000383.

McCaskell DS, Molloy AJ, Childerhose L, Costigan FA, Reid JC, McCaughan M, Clarke F, Cook DJ, Rudkowski JC, Farley C, Karachi T, Rochweg B, Newman A, Fox-Robichaud A, Herridge MS, Lo V, Feltracco D, Burns KE, Porteous R, Seely AJE, Ball IM, Seczek A, Kho ME. Project management lessons learned from the multicentre CYCLE pilot randomized controlled trial. *Trials*. 2019 Aug 28;20(1):532.

Reid JC, Clarke F, Cook DJ, Molloy A, Rudkowski JC, Stratford P, Kho ME. Feasibility, Reliability, Responsiveness, and Validity of the Patient-Reported Functional Scale for the Intensive Care Unit: A Pilot Study. *Journal of Intensive Care Medicine*. 2019 Jan 22;885066618824534.

## SAHLAS, D

Fishman KN, Ashbaugh AR, Lanctôt KL, Cayley ML, Herrmann N, Murray BJ, Sicard M, Lien K, Sahlas DJ, Swartz RH. The Role of Apathy and Depression on Verbal Learning and Memory Performance After Stroke. *Archives of Clinical Neuropsychology*. 2019 May 1;34(3):327-336.

Jiang NN, Fong C, Sahlas DJ, Monteiro S, Larrazabal R. Degree of Conjugate Gaze Deviation on CT Predicts Proximal Vessel Occlusion and May Expedite Endovascular Therapy. *J Stroke Cerebrovasc Dis*. 2019 Apr;28(4):1093-1098.

Lanctôt KL, Lindsay MP, Smith EE, Sahlas DJ, Foley N, Gubitza G, Austin M, Ball K, Bhogal S, Blake T, Herrmann N, Hogan D, Khan A, Longman S, King A, Leonard C, Shoniker T, Taylor T, Teed M, de Jong A, Mountain A, Casaubon LK, Dowlatshahi D, Swartz RH; Management of Mood, Cognition and Fatigue Following Stroke Best Practice Writing Group, the Heart & Stroke Canadian Stroke Best Practices and Quality Advisory Committee; in collaboration with the Canadian Stroke Consortium. Canadian Stroke Best Practice Recommendations: Mood, Cognition and Fatigue following Stroke, 6th edition update 2019. *International Journal of Stroke*. 2020 Aug;15(6):668-688. Epub 2019 Jun 21.

Sunderland KM, Beaton D, Fraser J, Kwan D, McLaughlin PM, Montero-Odasso M, Peltsch AJ, Pieruccini-Faria F, Sahlas DJ, Swartz RH; ONDRI Investigators, Strother SC, Binns MA. The utility of multivariate outlier detection techniques for data quality evaluation in large studies: an application within the ONDRI project. *BMC Medical Research Methodology*. 2019 May 15;19(1):102.

Zukotynski K, Gaudet V, Kuo PH, Adamo S, Goubran M, Scott C, Bocti C, Borrie M, Chertkow H, Frayne R, Hsiung R, Laforce R Jr, Noseworthy MD, Prato FS, Sahlas DJ, Smith EE, Sossi V, Thiel A, Soucy JP, Tardif JC, Black SE. The Use of Random Forests to Classify Amyloid Brain PET. *Clinical Nuclear Medicine*. 2019 Oct;44(10):784-788.

## SATIA, I

Ho T, Cusack RP, Chaudhary N, Satia I, Kurmi OP. Under- and over-diagnosis of COPD: a global perspective. *Breathe (Sheff)*. 2019 Mar;15(1):24-35.

Lodhi S, Smith JA, Satia I, Holt KJ, Maidstone RJ, Durrington HJ. Cough rhythms in asthma: Potential implication for management. *Journal of Allergy and Clinical Immunology Practice*. 2019 Jul-Aug;7(6):2024-2027.

Morice AH, Millqvist E, Bieksiene K, Birring SS, Dicipinigitis P, Ribas CD, Boon MH, Kantar A, Lai K, McGarvey L, Rigau D, Satia I, Smith J, Song WJ, Tonia T, van den Berg JWK, van Manen MJG, Zacharasiewicz A. ERS guidelines on the diagnosis and treatment of chronic cough in adults and children. *European Respiratory Journal*. 2019; 55(1):1901136.

Satia I, Watson R, Scime T, Dockry R, Sen S, Ford JW, Mitchell PD, Fowler SJ, Gauvreau GM, O'Byrne PM, Smith JA. Allergen challenge increases capsaicin evoked cough responses in allergic asthma. *Journal of Allergy and Clinical Immunology*. 2019 Sep;144(3):788-795.

Smith JA, Allman D, Badri H, Miller R, Morris J, Satia I, Wood A, Trower M. The Neurokinin-1 Receptor Antagonist Orvepitant is a Novel Antitussive Therapy for Chronic Refractory Cough: Results from a Phase 2 Pilot Study (VOLCANO-1). *Chest*. 2019;157(1):111-118.

Wang R, Fowler SJ, Niven RM, Ryan D, Holt K, Mitchell J, Dockry RJ, Al-Shehly B, Satia I, Smith JA. Investigating the safety of capsaicin cough challenge in severe asthma. *Clinical and Experimental Allergy*. 2019 Jun;49(6):932-934.

## Book Chapter

O'Byrne PM, Satia I. Inhaled  $\beta_2$ -agonists. In: Adkinson NF, Busse WW, Bochner BS, Holgate ST, Lemanske RF, Burks W, O'Hehir RE (Eds.). *Middleton's Allergy: Principles and Practice (Ninth Edition)*. Elsevier Publishing. 2019; 93,1-93,5.

## SCHULMAN, S

Abdoellakhan RA, Beyer-Westendorf J, Schulman S, Sarode R, Meijer K, Khorsand N. Method agreement analysis and interobserver reliability of the ISTH proposed definitions for effective hemostasis in management of major bleeding. *Journal of Thrombosis and Haemostasis*. 2019 Mar;17(3):499-506.

Douketis JD, Spyropoulos AC, Duncan J, Carrier M, Le Gal G, Tafur AJ, Vanassche T, Verhamme P, Shivakumar S, Gross PL, Lee AYY, Yeo E, Solymoss S, Kassiss J, Le Templier G, Kowalski S, Blostein M, Shah V, MacKay E, Wu C, Clark NP, Bates SM, Spencer FA, Arnaoutoglou E, Coppens M, Arnold DM, Caprini JA, Li N, Moffat KA, Syed S, Schulman S. Perioperative management of patients with atrial fibrillation receiving a direct oral anticoagulant. *JAMA Internal Medicine*. 2019 Nov 1;179(11):1469-1478.

Grottke O, Schulman S. Four-factor prothrombin complex concentrate for the management of patients receiving direct oral activated factor X inhibitors. *Anesthesiology* 2019 Nov;131(5):1153-1165.

Kearon C, de Wit K, Parpia S, Schulman S, Afilalo M, Hirsch A, Spencer FA, Sharma S, D'Aragon F, Deshaies JF, Le Gal G, Lazo-Langner A, Wu C, Rudd-Scott L, Bates SM, Julian JA; PEGeD Study Investigators. Diagnosis of pulmonary embolism with D-dimer adjusted to clinical probability. *New England Journal of Medicine*. 2019 Nov 28;381(22):2125-2134.

Kearon C, Parpia S, Spencer FA, Schulman S, Stevens SM, Shah V, Bauer KA, Douketis JD, Lentz SR, Kessler CM, Connors JM, Ginsberg JS, Spadafora L, Julian JA. Long-term risk of recurrence in patients with a first unprovoked venous thromboembolism managed according to D-dimer results: a cohort study. *Journal of Thrombosis and Haemostasis*. 2019 Jul;17(7):1144-1152.

# PUBLICATIONS

Khan F, Rahman A, Carrier M, Kearon C, Weitz JI, Schulman S, Couturaud F, Eichinger S, Kyrle PA, Becattini C, Agnelli G, Brighton TA, Lensing AWA, Prins MH, Sabri E, Hutton B, Pinede L, Cushman M, Palareti G, Wells GA, Prandoni P, Büller HR, Rodger MA; MARVELOUS Collaborators. Long term risk of symptomatic recurrent venous thromboembolism after discontinuation of anticoagulant treatment for first unprovoked venous thromboembolism event: systematic review and meta-analysis. *BMJ*. 2019 Jul 24;366:l4363.

Murray S., McLintock C., Lazure P., Peniuta M., Schulman S., Rezende S.M., Morrissey J.H., Reiser T., Pabinger I. Needs and challenges among physicians and researchers in thrombosis and hemostasis: Results from an international study. *Research and Practice in Thrombosis and Haemostasis*. 2019 Jun;3(4):626-638.

Piran S, Khatib R, Schulman S, Majeed A, Holbrook A, Witt DM, Wiercioch W, Schünemann HJ, Nieuwlaar R. Management of direct factor Xa inhibitor-related major bleeding with prothrombin complex concentrate: a meta-analysis. *Blood Advances*. 2019 Jan;3(2):158-167.

Piran S, Schulman S. Thromboprophylaxis in Patients with Acute Spinal Cord Injury: A Narrative Review. *Seminars in Thrombosis and Hemostasis*. 2019 Mar;45(2):150-6.

Xu Y, Schulman S, Dowlathshahi D, Holbrook AM, Simpson CS, Shepherd LE, Wells PS, Giulivi A, Gomes T, Mamdani M, Frymire E, Khan S, Johnson AP; Bleeding Effectuated by Direct Oral Anticoagulants (BLED-AC) Study Group. Healthcare resource utilization and costs among patients with direct oral anticoagulant or warfarin-related major bleeding. *Thrombosis Research*. 2019 Oct;182:12-19.

## SCHÜNEMANN, H

Alper BS, Oettgen P, Kunnamo I, Iorio A, Ansari MT, Murad MH, Meerpohl JJ, Qaseem A, Hultcrantz M, Schünemann HJ, Guyatt G. GRADE Working Group. Defining certainty of net benefit: a GRADE concept paper. *BMJ Open*. 2019 Jun 4;9(6):e027445.

Anderson DR, Morgano GP, Bennett C, Dentali F, Francis CW, Garcia DA, Kahn SR, Rahman M, Rajasekhar A, Rogers FB, Smythe MA, Tikkinen KAO, Yates AJ, Baldeh T, Balduzzi S, Brozek JL, Ikbaltzeta IE, Johal H, Neumann I, Wiercioch W, Yepes-Nuñez JJ, Schünemann HJ, Dahm P. American Society of Hematology 2019 guidelines for management of venous thromboembolism: prevention of venous thromboembolism in surgical hospitalized patients. *Blood Advances*. 2019 Dec 10;3(23):3898-3944.

Bosnic-Anticevich S, Costa E, Menditto E, Lourenço O, Novellino E, Bialek S, Briedis V, Buonaiuto R, Chrystyn H, Cvetkovski B, Di Capua S, Kritikos V, Mair A, Orlando V, Paulino E, Salimäki J, Söderlund R, Tan R, Williams DM, Wroczynski P, Agache I, Anotegui IJ, Anto JM, Bedbrook A, Bachert C, Bewick M, Bindslev-Jensen C, Brozek JL, Canonica GW, Cardona V, Carr W, Casale TB, Chavannes NH, Correia de Sousa J, Cruz AA, Czarlewski W, De Carlo G, Demoly P, Devillier P, Dykewicz MS, Gaga M, El-Gamal Y, Fonseca J, Fokkens WJ, Guzmán MA, Haahtela T, Hellings PW, Illario M, Ivancevich JC, Just J, Kaidashev I, Khaitov M, Khaltaev N, Keil T, Klimek L, Kowalski ML, Kuna P, Kvedariene V, Larenas-Linnemann DE,

Laune D, Le LTT, Lodrup Carlsen KC, Mahboub B, Maier D, Malva J, Manning PJ, Morais-Almeida M, Mösges R, Mulla J, Münter L, Murray R, Naclerio R, Namazova-Baranova L, Nekam K, Nyembue TD, Okubo K, O'Hehir RE, Ohta K, Okamoto Y, Onorato GL, Palkonen S, Panzner P, Papadopoulos NG, Park HS, Pawankar R, Pfaar O, Phillips J, Plavec D, Popov TA, Potter PC, Prokopakis EP, Roller-Wirnsberger RE, Rottem M, Ryan D, Samolinski B, Sanchez-Borges M, Schunemann HJ, Sheikh A, Sisul JC, Somekh D, Stellato C, To T, Todo-Bom AM, Tomazic PV, Toppila-Salmi S, Valero A, Valiulis A, Valovirta E, Ventura MT, Wagenmann M, Wallace D, Wasserman S, Wickman M, Yiallourous PK, Yorgancioglu A, Yusuf OM, Zar HJ, Zernotti ME, Zhang L, Zidarn M, Zuberbier T, Bousquet J. ARIA pharmacy 2018 "Allergic rhinitis care pathways for community pharmacy": AIRWAYS ICPs initiative (European Innovation Partnership on Active and Healthy Ageing, DG CONNECT and DG Santé) POLLAR

(Impact of Air POLLution on Asthma and Rhinitis) GARD Demonstration project. *Allergy*. 2019 Jul;74(7):1219-1236.

Bottomley A, Reijneveld JC, Koller M, Flechtner H, Tomaszewski KA, Greimel E. 5th EORTC Quality of Life in Cancer Clinical Trials Conference Faculty. Current state of quality of life and patient-reported outcomes research. *European Journal of Cancer*. 2019 Nov;121:55-63.

Bousquet J, Anto JM, Bachert C, Bosnic-Anticevich S, Erhola M, Haahtela T, Hellings PW, Kuna P, Pfaar O, Samolinski B, Schünemann HJ, Sheikh A, Wallace D. ARIA study group. From ARIA guidelines to the digital transformation of health in rhinitis and asthma multimorbidity. *European Respiratory Journal*. 2019 Dec 4;54(6):1901023.

Bousquet J, Bedbrook A, Czarlewski W, Onorato GL, Arnavielhe S, Laune D, Mathieu-Dupas E, Fonseca J, Costa E, Lourenço O, Morais-Almeida M, Todo-Bom A, Illario M, Menditto E, Canonica GW, Cecchi L, Monti R, Napoli L, Ventura MT, De Feo G, Fokkens WJ, Chavannes NH, Reitsma S, Cruz AA, da Silva J, Serpa FS, Larenas-Linnemann D, Fuentes Perez JM, Huerta-Villalobos YR, Rivero-Yeverino D, Rodriguez-Zagal E, Valiulis A, Dubakiene R, Emuzyte R, Kvedariene V, Annesi-Maesano I, Blain H, Bonniaud P, Bosse I, Dauvilliers Y, Devillier P, Fontaine JF, Pépin JL, Pham-Thi N, Portejoie F, Picard R, Roche N, Rolland C, Schmidt-Grendelmeier P, Kuna P, Samolinski B, Anto JM, Cardona V, Mulla J, Pinnock H,

Ryan D, Sheikh A, Walker S, Williams S, Becker S, Klimek L, Pfaar O, Bergmann KC, Mösges R, Zuberbier T, Roller-Wirnsberger RE, Tomazic PV, Haahtela T, Salimäki J, Toppila-Salmi S, Valovirta E, Vasankari T, Gemiciglu B, Yorgancioglu A, Papadopoulos NG, Prokopakis EP, Tsiligianni IG, Bosnic-Anticevich S, O'Hehir R, Ivancevich JC, Neffen H, Zernotti ME, Kull I, Melén E, Wickman M, Bachert C, Hellings PW, Brusselle G, Palkonen S, Bindslev-Jensen C, Eller E, Wasserman S, Boulet LP, Bouchard J, Chu DK, Schünemann HJ, Sova M, De Vries G, van Eerd M, Agache I, Anotegui IJ, Bewick M, Casale T, Dykewicz MS, Ebisawa M, Murray R, Naclerio R, Okamoto Y, Wallace DV. The MASK study group. Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. *Clinical and Translational Allergy*. 2019 Oct 9;9:16.

Bousquet J, Hellings PW, Agache I, Amat F, Annesi-Maesano I, Anotegui IJ, Anto JM, Bachert C, Bateman ED, Bedbrook A, Bennoor K, Bewick M, Bindslev-Jensen C, Bosnic-Anticevich S, Bosse I, Brozek J, Brussino L, Canonica GW, Cardona V, Casale T, Cepeda Sarabia AM, Chavannes NH, Cecchi L, Correia de Sousa J, Costa E, Cruz AA, Czarlewski W, De Carlo G, De Feo G, Demoly P, Devillier P, Dykewicz MS, El-Gamal Y, Eller EE, Fonseca JA, Fontaine JF, Fokkens WJ, Guzmán MA, Haahtela T, Illario M, Ivancevich JC, Just J, Kaidashev I, Khaitov M, Kalayci O, Keil T, Klimek L, Kowalski ML, Kuna P, Kvedariene V, Larenas-Linnemann D, Laune D, Le LTT, Carlsen KL, Lourenço O, Mahboub B, Mair A, Menditto E, Milenkovic B,

Morais-Almeida M, Mösges R, Mulla J, Murray R, Naclerio R, Namazova-Baranova L, Novellino E, O'Hehir RE, Ohta K, Okamoto Y, Okubo K, Onorato GL, Palkonen S, Panzner P, Papadopoulos NG, Park HS, Paulino E, Pawankar R, Pfaar O, Plavec D, Popov TA, Potter P, Prokopakis EP, Rottem M, Ryan D, Salimäki J, Samolinski B, Sanchez-Borges M, Schunemann HJ, Sheikh A, Sisul JC, Rajabian-Söderlund R, Sooronbaev T, Stellato C, To T, Todo-Bom AM, Tomazic PV, Toppila-Salmi S, Valero A, Valiulis A, Valovirta E, Ventura MT, Wagenmann M, Wang Y, Wallace D, Wasserman S, Wickman M, Yorgancioglu A, Zhang L, Zhong N, Zidarn M, Zuberbier T. Mobile Airways Sentinel Network (MASK) Study Group. Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. *Journal of Allergy and Clinical Immunology*. 2019 Mar;143(3):864-879.

Bousquet J, Pham-Thi N, Bedbrook A, Agache I, Annesi-Maesano I, Anotegui I, Anto JM, Bachert C, Benveniste S, Bewick M, Billo N, Bosnic-Anticevich S, Bosse I, Brusselle G, Calderon MA, Canonica GW, Caraballo L, Cardona V, Carriazo AM, Cash E, Cecchi L, Chu DK, Colgan E, Costa E, Cruz AA, Czarlewski W, Durham S, Ebisawa M, Erhola M, Fauquert JL, Fokkens WJ, Fonseca JA, Guldemond N, Iinuma T, Illario M, Klimek L, Kuna P, Kvedariene V, Larenas-Linnemann

D, Laune D, Le LTT, Lourenço O, Malva JO, Marien G, Menditto E, Mullol J, Münter L, Okamoto Y, Onorato GL, Papadopoulos NG, Perala M, Pfaar O, Phillips A, Phillips J, Pinnock H, Portejoie F, Quinones-Delgado P, Rolland C, Rodts U, Samolinski B, Sanchez-Borges M, Schünemann HJ, Shamji M, Somekh D, Togias A, Toppila-Salmi S, Tsiligianni I, Usmani O, Walker S, Wallace D, Valiulis A, Van der Kleij R, Ventura MT, Williams S, Yorgancioglu A, Zuberbier T. Next-generation care pathways for allergic rhinitis and asthma multimorbidity: a model for multimorbid non-communicable diseases-Meeting Report (Part 1). *Journal of Thoracic Disease*. 2019 Aug;11(8):3633-3642.

Bousquet J, Pfaar O, Togias A, Schünemann HJ, Ansotegui I, Papadopoulos NG, Tsiligianni I, Agache I, Anto JM, Bachert C, Bedbrook A, Bergmann KC, Bosnic-Anticevich S, Bosse I, Brozek J, Calderon MA, Canonica GW, Caraballo L, Cardona V, Casale T, Cecchi L, Chu D, Costa E, Cruz AA, Czarlewski W, Durham SR, Du Toit G, Dykewicz M, Ebisawa M, Fauquert JL, Fernandez-Rivas M, Fokkens WJ, Fonseca J, Fontaine JF, Gerth van Wijk R, Haahntela T, Halken S, Hellings PW, Ierodiakonou D, Iinuma T, Ivancevich JC, Jacobsen L, Jutel M, Kaidashev I, Khaitov M, Kalayci O, Kleine Tebbe J, Klimek L, Kowalski ML, Kuna P, Kvedariene V, La Grutta S, Larenas-Linnemann D, Lau S, Laune D, Le L, Lodrup Carlsen K, Lourenço O, Malling HJ, Marien G, Menditto E, Mercier G, Mullol J, Muraro A, O'Hehir R, Okamoto Y, Pajno GB, Park HS, Panzner P, Passalacqua G, Pham-Thi N, Roberts G, Pawankar R, Rolland C, Rosario N, Ryan D, Samolinski B, Sanchez-Borges M, Scadding G, Shamji MH, Sheikh A, Sturm GJ, Todo Bom A, Toppila-Salmi S, Valentin-Rostan M, Valiulis A, Valovirta E, Ventura MT, Wahn U, Walker S, Wallace D, Waserman S, Yorgancioglu A, Zuberbier T; ARIA Working Group. 2019 ARIA Care pathways for allergen immunotherapy. *Allergy*. 2019 Nov;74(11):2087-2102.

Bousquet J, Pham-Thi N, Bedbrook A, Agache I, Annesi-Maesano I, Ansotegui I, Anto JM, Bachert C, Benveniste S, Bewick M, Billo N, Bosnic-Anticevich S, Bosse I, Brusselle G, Calderon MA, Canonica GW, Caraballo L, Cardona V, Carriazo AM, Cash E, Cecchi L, Chu DK, Colgan E, Costa E, Cruz AA, Czarlewski W, Durham S, Ebisawa M, Erhola M, Fauquert JL, Fokkens WJ, Fonseca JA, Guldemand N, Iinuma T, Illario M, Klimek L, Kuna P, Kvedariene V, Larenas-Linnemann D, Laune D, Le LTT, Lourenço O, Malva JO, Marien G, Menditto E, Mullol J, Münter L, Okamoto Y, Onorato GL, Papadopoulos NG, Perala M, Pfaar O, Phillips A, Phillips J, Pinnock H, Portejoie F, Quinones-Delgado P, Rolland C, Rodts U, Samolinski B, Sanchez-Borges M, Schünemann HJ, Shamji M, Somekh D, Togias A, Toppila-Salmi S, Tsiligianni I, Usmani O, Walker S, Wallace D, Valiulis A, Van der Kleij R, Ventura MT, Williams S, Yorgancioglu A, Zuberbier T. Next-generation care pathways for allergic rhinitis and asthma multimorbidity: a model for multimorbid non-communicable diseases-Meeting Report (Part 2). *Journal of Thoracic Disease*. 2019 Sep;11(9):4072-4084.

Bousquet J, Schünemann HJ, Togias A, Bachert C, Erhola M, Hellings PW, Klimek L, Pfaar O, Wallace D, Ansotegui I, Agache I, Bedbrook A, Bergmann KC, Bewick M, Bonniaud P, Bosnic-Anticevich S, Bossé I, Bouchard J, Boulet LP, Brozek J, Brusselle G, Calderon MA, Canonica GW, Caraballo L, Cardona V, Casale T, Cecchi L, Chu DK, Costa EM, Cruz AA, Czarlewski W, D'Amato G, Devillier P, Dykewicz M, Ebisawa M, Fauquert JL, Fokkens WJ, Fonseca JA, Fontaine JF, Gemicioglu B, van Wijk RG, Haahntela T, Halken S, Ierodiakonou D, Iinuma T, Ivancevich JC, Jutel M, Kaidashev I, Khaitov M, Kalayci O, Kleine Tebbe J, Kowalski ML, Kuna P, Kvedariene V, La Grutta S, Larenas-Linnemann D, Lau S, Laune D, Le L, Lieberman P, Lodrup Carlsen KC, Lourenço O, Marien G, Carreiro-Martins P, Melén E, Menditto E, Neffen H, Mercier G, Mosques R, Mullol J, Muraro A, Namazova L, Novellino E, O'Hehir R, Okamoto Y, Ohta K, Park HS, Panzner P, Passalacqua G, Pham-Thi N, Price D, Roberts G, Roche N, Rolland C, Rosario N, Ryan D, Samolinski B, Sanchez-Borges M, Scadding GK, Shamji MH, Sheikh A, Bom AT, Toppila-Salmi S, Tsiligianni I, Valentin-Rostan M, Valiulis A, Valovirta E,

Ventura MT, Walker S, Waserman S, Yorgancioglu A, Zuberbier T. Allergic Rhinitis and Its Impact on Asthma Working Group. Next-generation Allergic Rhinitis and Its Impact on Asthma (ARIA) guidelines for allergic rhinitis based on Grading of Recommendations Assessment, Development and Evaluation (GRADE) and real-world evi-

dence. *Journal of Allergy and Clinical Immunology*. 2020 Jan;145(1):70-80.e3. Epub 2019 Oct 15.

Bousquet JJ, Schünemann HJ, Togias A, Erhola M, Hellings PW, Zuberbier T, Agache I, Ansotegui IJ, Anto JM, Bachert C, Becker S, Bedolla-Barajas M, Bewick M, Bosnic-Anticevich S, Bosse I, Boulet LP, Bourrez JM, Brusselle G, Chavannes N, Costa E, Cruz AA, Czarlewski W, Fokkens WJ, Fonseca JA, Gaga M, Haahntela T, Illario M, Klimek L, Kuna P, Kvedariene V, Le LTT, Larenas-Linnemann D, Laune D, Lourenço OM, Menditto E, Mullol J, Okamoto Y, Papadopoulos N, Pham-Thi N, Picard R, Pinnock H, Roche N, Roller-Wirnsberger RE, Rolland C, Samolinski B, Sheikh A, Toppila-Salmi S, Tsiligianni I, Valiulis A, Valovirta E, Vasankari T, Ventura MT, Walker S, Williams S, Akdis CA, Annesi-Maesano I, Arnavielhe S, Basagana X,

Bateman E, Bedbrook A, Bennoor KS, Benveniste S, Bergmann KC, Bialek S, Billo N, Bindslev-Jensen C, Bjermer L, Blain H, Bonini M, Bonniaud P, Bouchard J, Briedis V, Brightling CE, Brozek J, Buhl R, Buonaio R, Canonica GW, Cardona V, Carriazo AM, Carr W, Cartier C, Casale T, Cecchi L, Cepeda Sarabia AM, Chkhartishvili E, Chu DK, Cingi C, Colgan E, de Sousa JC, Courbis AL, Custovic A, Cvetkovski B, D'Amato G, da Silva J, Dantas C, Dokic D, Dauvilliers Y, Dedeu A, De Feo G, Devillier P, Di Capua S, Dykewicz M, Dubakiene R, Ebisawa M, El-Gamal Y, Eller E, Emuzyte R, Farrell J, Fink-Wagner A, Fiocchi A, Fontaine JF, Gemicioglu B, Schmid-Grendelmeier P, Gamkrelidze A, Garcia-Aymerich J, Gomez M, González Diaz S, Gotua M, Guldemand NA, Guzmán MA, Hajjam J, O'B Hourihane J, Humbert M, Iaccarino G, Ierodiakonou D, Illario M, Ivancevich JC, Joos G, Jung KS, Jutel M, Kaidashev I, Kalayci O, Kardas P, Keil T, Khaitov M, Khaltaev N, Kleine-Tebbe J, Kowalski ML, Kritikos V, Kull I, Leonardini L, Lieberman P, Lipworth B, Lodrup Carlsen KC, Loureiro CC, Louis R, Mair A, Marien G, Mahboub B, Malva J, Manning P, De Manuel Keenoy E, Marshall GD, Masjedi MR, Maspero JF, Mathieu-Dupas E, Matricardi PM, Melén E, Melo-Gomes E, Meltzer EO, Menditto E, Mercier J, Miculinic N, Mihaltan F, Milenkovic B, Moda G, Mogica-Martinez MD, Mohammad Y, Montefort S, Monti R, Morais-Almeida M, Mösges R, Münter L, Muraro A, Murray R, Naclerio R, Napoli L, Namazova-Baranova L, Neffen H, Nekam K, Neou A, Novellino E, Nyembue D, O'Hehir R, Ohta K, Okubo K, Onorato G, Ouedraogo S, Pali-Schöll I, Palkonen S, Panzner P, Park HS, Pépin JL, Pereira AM, Pfaar O,

Paulino E, Phillips J, Picard R, Plavec D, Popov TA, Portejoie F, Price D, Prokopakis EP, Pugin B, Raciborski F, Rajabian-Söderlund R, Reitsma S, Rodo X, Romano A, Rosario N, Rottem M, Ryan D, Salimäki J, Sanchez-Borges MM, Sisul JC, Solé D, Somekh D, Sooronbaev T, Sova M, Spranger O, Stellato C, Stelmach R, Suppli Ulrik C, Thibaudon M, To T, Todo-Bom A, Tomazic PV, Valero AA, Valenta R, Valentin-Rostan M, van der Kleij R, Vandenplas O, Vezzani G, Viart F, Viegi G, Wallace D, Wagenmann M, Wang Y, Waserman S, Wickman M, Williams DM, Wong G, Wroczyński P, Yiallourous PK, Yorgancioglu A, Yusuf OM, Zar HJ, Zeng S, Zernotti M, Zhang L, Zhong NS, Zidarn M. ARIA Study Group; MASK Study Group. Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. *Clinical and Translational Allergy*. 2019 Sep 9;9:44.

Brignardello-Petersen R, Murad MH, Walter SD, McLeod S, Carrasco-Labra A, Rochwerf B, Schünemann HJ, Tomlinson G, Guyatt GH. GRADE Working Group. GRADE approach to rate the certainty from a network meta-analysis: avoiding spurious judgments of imprecision in sparse networks. *Journal of Clinical Epidemiology*. 2019 Jan;105:60-67.

Brignardello-Petersen R, Mustafa RA, Siemieniuk RAC, Murad MH, Agoritsas T, Izcovich A, Schünemann HJ, Guyatt GH. GRADE Working Group. GRADE approach to rate the certainty from a network meta-analysis: addressing incoherence. *Journal of Clinical Epidemiology*. 2019 Apr;108:77-85.

Cavalli E, Gilseman M, Van Doren J, Grahek-Ogden D, Richardson J, Abbinante F, Cascio C, Devalier P, Brun N, Linkov I, Marchal K, Meek B, Pagliari C, Pasquetto I, Pirolli P, Sloman S, Tossounidis L, Waigmann E, Schünemann H, Verhagen H. Managing evidence in food safety and nutrition. *EFSA Journal*. 2019 Jul 8;17(Suppl 1):e170704.

Chu DK, Lee DJ, Lee KM, Schünemann HJ, Szczeklik W, Lee JM. Benefits and harms of aspirin desensitization for aspirin-exacer-



## PUBLICATIONS

- bated respiratory disease: a systematic review and meta-analysis. *International Forum of Allergy and Rhinology*. 2019;9(12):1409-1419.
- Chu DK, Wood RA, French S, Fiocchi A, Jordana M, Wasserman S, Brozek JL, Schünemann HJ. Oral immunotherapy for peanut allergy (PACE): a systematic review and meta-analysis of efficacy and safety. *Lancet*. 2019;393(10187):2222-2232.
- Denkinger CM, Schumacher SG, Gilpin C, Korobitsyn A, Wells WA, Pai M, Loefflang M, Steingart KR, Bulterys M, Schünemann H, Glaziou P, Weyer K. Guidance for the Evaluation of Tuberculosis Diagnostics That Meet the World Health Organization (WHO) Target Product Profiles: An Introduction to WHO Process and Study Design Principles. *Journal of Infectious Diseases*. 2019;220(220 Suppl 3):S91-S98.
- Djulgovic B, Reljic T, Elqayam S, Cuker A, Hozo I, Zhou Q, Li SA, Alexander P, Nieuwlaat R, Wiercioch W, Schünemann H, Guyatt G. Structured decision-making drives guidelines panels' recommendations "for" but not "against" health interventions. *Journal of Clinical Epidemiology*. 2019;110:23-33.
- Giorgi Rossi P, Lebeau A, Schünemann HJ; Multigene Test PICO (Population, Intervention, Comparison, Outcome) Responsible Unit of the Guidelines Development Group, European Commission Initiative on Breast Cancer. *Clinical and Genomic Risk in Adjuvant Therapy for Breast Cancer*. *New England Journal of Medicine*. 2019;381(13):1289-1290.
- Gotua M, Gamkrelidze A, Rukhadze M, Abramidze T, Bochorishvili E, Shengelidze G, Dolidze N, Chkhartishvili E, Bachert C, Pfaar O, Schünemann HJ, Zuberbier T, Bedbrook A, Czarlewski W, Bousquet J. 2020 ARIA CARE PATHWAYS FOR ALLERGIC RHINITIS - GEORGIA. *Georgian Medical News*. 2019;(297):108-117.
- Hultcrantz M, Mustafa RA, Loefflang MM, Lavergne V, Estrada-Orozco K, Ansari MT, Izcovich A, Singh J, Chong LY, Rutjes A, Steingart K, Stein A, Sekercioglu N, Arevalo-Rodriguez I, Morgan RL, Guyatt G, Bossuyt P, Langendam MW, Schünemann HJ. Defining ranges for certainty ratings of diagnostic accuracy: a GRADE concept paper. *Journal of Clinical Epidemiology*. 2020;117:138-148. Epub 2019 May 18.
- Johansson M, Bero L, Bonfill X, Bruschetti M, Garner S, Glenton C, Harris R, Jørgensen KJ, Levinson W, Lotfi T, Montori V, Meng DM, Schünemann H, Vaz Carneiro A, Woloshin S, Moynihan R. *Cochrane Sustainable Healthcare: evidence for action on too much medicine*. *Cochrane Database of Systematic Reviews*. 2019;12:ED000143.
- Khamis AM, Kahale LA, Pardo-Hernandez H, Schünemann HJ, Akl EA. Methods of conduct and reporting of living systematic reviews: a protocol for a living methodological survey. *F1000Research*. 2019;8:221.
- Khatib R, Ludwikowska M, Witt DM, Ansell J, Clark NP, Holbrook A, Wiercioch W, Schünemann H, Nieuwlaat R. Vitamin K for reversal of excessive vitamin K antagonist anticoagulation: a systematic review and meta-analysis. *Blood Advances*. 2019 Mar 12;3(5):789-796.
- Martins CC, Riva JJ, Firmino RT, Colunga-Lozano LE, Granville-Garcia AF, Zhang Y, Schünemann HJ. Conflict of interest is not associated with positive conclusions in toothpaste trials: a systematic survey. *Journal of Clinical Epidemiology*. 2019 Apr;108:141-143.
- Mbuagbaw L, Guglielmetti L, Hewison C, Bakare N, Bastard M, Caumes E, Fréchet-Jachym M, Robert J, Veziris N, Khachatryan N, Kotrikadze T, Hayrapetyan A, Avaliani Z, Schünemann HJ, Lienhardt C. Outcomes of Bedaquiline Treatment in Patients with Multidrug-Resistant Tuberculosis. *Emergency and Infectious Diseases*. 2019 May;25(5):936-943.
- Morgan RL, Beverly B, Ghersi D, Schünemann HJ, Rooney AA, Whaley P, Zhu YG, Thayer KA. GRADE Working Group. GRADE guidelines for environmental and occupational health: A new series of articles in *Environment International*. *Environment International*. 2019 Jul;128:11-12.
- Morgan RL, Thayer KA, Santesso N, Holloway AC, Blain R, Eftim SE, Goldstone AE, Ross P, Ansari M, Akl EA, Filippini T, Hansell A, Meerpohl JJ, Mustafa RA, Verbeek J, Vinceti M, Whaley P, Schünemann HJ. GRADE Working Group. A risk of bias instrument for non-randomized studies of exposures: A users' guide to its application in the context of GRADE. *Environment International*. 2019 Jan;122:168-184.
- Pai M, Yeung CHT, Akl EA, Darzi A, Hillis C, Legault K, Meerpohl JJ, Santesso N, Taruscio D, Verhovsek M, Schünemann HJ, Iorio A. Strategies for eliciting and synthesizing evidence for guidelines in rare diseases. *BMC Medical Research Methodology*. 2019 Mar 28;19(1):67.
- Paquette M, Witt DM, Holbrook A, Skov J, Ansell J, Schünemann HJ, Wiercioch W, Nieuwlaat R. A systematic review and meta-analysis of supplemental education in patients treated with oral anticoagulation. *Blood Advances*. 2019 May 28;3(10):1638-1646.
- Piggott T, Morgan RL, Cuello-Garcia CA, Santesso N, Mustafa RA, Meerpohl JJ, Schünemann HJ. GRADE Working Group. Grading of Recommendations Assessment, Development, and Evaluations (GRADE) notes: extremely serious. GRADE's terminology for rating down by three levels. *Journal of Clinical Epidemiol*. 2020 Apr;120:116-120. Epub 2019, Dec 19.
- Piran S, Khatib R, Schulman S, Majeed A, Holbrook A, Witt DM, Wiercioch W, Schünemann HJ, Nieuwlaat R. Management of direct factor Xa inhibitor-related major bleeding with prothrombin complex concentrate: a meta-analysis. *Blood Advances*. 2019 Jan 22;3(2):158-167.
- Santesso N, Glenton C, Dahm P, Garner P, Akl EA, Alper B, Brignardello-Petersen R, Carrasco-Labra A, De Beer H, Hultcrantz M, Kuijpers T, Meerpohl J, Morgan R, Mustafa R, Skoetz N, Sultan S, Wiysonge C, Guyatt G, Schünemann HJ. GRADE Working Group. GRADE guidelines 26: informative statements to communicate the findings of systematic reviews of interventions. *Journal of Clinical Epidemiology*. 2020 Mar;119:126-135. Epub 2019 Nov 9.
- Santoro D, Torri E, Rigoni M, Nollo G, Schünemann HJ, Brunori G. [From scientific evidence to clinical recommendations: outlooks and challenges for the SIN (Italian Society of Nephrology)]. *Giornale Italiano Nefrologia*. 2019 Sep 24;36(5):2019-vol5. Italian.
- Schünemann H. Tutte le prove sono real world evidence [All evidence is real world evidence.]. *Recenti Progressi in Medicina*. 2019 Apr;110(4):165-167. Italian.
- Schünemann HJ, Cuello C, Akl EA, Mustafa RA, Meerpohl JJ, Thayer K, Morgan RL, Gartlehner G, Kunz R, Katikireddi SV, Sterne J, Higgins JP, Guyatt G. GRADE Working Group. GRADE guidelines: 18. How ROBINS-I and other tools to assess risk of bias in nonrandomized studies should be used to rate the certainty of a body of evidence. *Journal of Clinical Epidemiology*. 2019 Jul;111:105-114.
- Schünemann HJ, Lerda D, Dimitrova N, Alonso-Coello P, Gräwingholt A, Quinn C, Follmann M, Mansel R, Sardanelli F, Rossi PG, Lebeau A, Nyström L, Broeders M, Ioannidou-Mouzaka L, Duffy SW, Borisch B, Fitzpatrick P, Hofvind S, Castells X, Giordano L, Warman S, Saz-Parkinson Z. European Commission Initiative on Breast Cancer Contributor Group. Methods for Development of the European Commission Initiative on Breast Cancer Guidelines: Recommendations in the Era of Guideline Transparency. *Annals of Internal Medicine*. 2019 Aug 20;171(4):273-280.
- Schünemann HJ, Lerda D, Quinn C, Follmann M, Alonso-Coello P, Rossi PG, Lebeau A, Nyström L, Broeders M, Ioannidou-Mouzaka L, Duffy SW, Borisch B, Fitzpatrick P, Hofvind S, Castells X, Giordano L, Canelo-Aybar C, Warman S, Mansel R, Sardanelli F, Parmelli E, Gräwingholt A, Saz-Parkinson Z. European Commission Initiative on Breast Cancer (ECIBC) Contributor Group. Breast Cancer Screening and Diagnosis: A Synopsis of the European Breast Guidelines. *Annals of Internal Medicine*. 2020 Jan 7;172(1):46-56. Epub 2019 Nov 26.
- Schünemann HJ, Mustafa RA, Brozek J, Santesso N, Bossuyt PM, Steingart KR, Loefflang M, Lange S, Trenti T, Langendam M, Scholten R, Hooft L, Murad MH, Jaeschke R, Rutjes A, Singh J, Helfand M, Glasziou P, Arevalo-Rodriguez I, Akl EA, Deeks JJ, Guyatt G. GRADE Working Group. GRADE guidelines: 22. The GRADE approach for tests

and strategies—from test accuracy to patient-important outcomes and recommendations. *Journal of Clinical Epidemiology*. 2019 Jul;111:69-82.

Schünemann HJ, Santesso N, Brozek JL. Interactive Summary of Findings tables: the way to present and understand results of systematic reviews. *Journal of Clinical Epidemiology*. 2019 Mar;17(3):259-260.

Schünemann HJ, Zhang Y, Oxman AD; Expert Evidence in Guidelines Group. Distinguishing opinion from evidence in guidelines. *BMJ*. 2019 Jul 19;366:l4606.

Selva A, Sanabria AJ, Niño de Guzman E, Ballesteros M, Selva C, Valli C, Zhang Y, Yepes-Núñez JJ, Solà I, Schünemann H, Alonso-Coello P. Colorectal cancer guidelines seldom include the patient perspective. *Journal of Clinical Epidemiology*. 2019 Dec;116:84-97.

Skoetz N, Goldkuhle M, van Dalen EC, Akl EA, Trivella M, Mustafa RA, Nowak A, Dahm P, Schünemann H, Bender R. GRADE Working Group. GRADE guidelines 27: how to calculate absolute effects for time-to-event outcomes in summary of findings tables and Evidence Profiles. *Journal of Clinical Epidemiology*. 2020 Feb;118:124-131.

Song Y, Darzi A, Ballesteros M, Martínez García L, Alonso-Coello P, Arayssi T, Bhaumik S, Chen Y, Cluzeau F, Ghersi D, Padilla PF, Langlois EV, Schünemann HJ, Vernooij RWM, Akl EA. Extending the RIGHT statement for reporting adapted practice guidelines in healthcare: the RIGHT-Ad@pt Checklist protocol. *BMJ Open*. 2019 Sep 24;9(9):e031767.

Sultan S, Morgan RL, Murad MH, Falck-Ytter Y, Dahm P, Schünemann HJ, Mustafa RA. A Theoretical Framework and Competency-Based Approach to Training in Guideline Development. *Journal of General Internal Medicine*. 2020 Feb;35(2):561-567. Epub 2019 Nov 14.

Xie F, Zoratti M, Chan K, Husereau D, Krahn M, Levine O, Clifford T, Schunemann H, Guyatt G. Toward a Centralized, Systematic Approach to the Identification, Appraisal, and Use of Health State Utility Values for Reimbursement Decision Making: Introducing the Health Utility Book (HUB). *Medicine Decision Making*. 2019 May;39(4):370-378.

Yepes-Núñez JJ, Li SA, Guyatt G, Jack SM, Brozek JL, Beyene J, Murad MH, Rochwerf B, Mbuagbaw L, Zhang Y, Flórez ID, Siemieniuk RA, Sadeghirad B, Mustafa R, Santesso N, Schünemann HJ. Development of the summary of findings table for network meta-analysis. *Journal of Clinical Epidemiology*. 2019 Nov;115:1-13.

Zhang Y, Alonso-Coello P, Guyatt GH, Yepes-Núñez JJ, Akl EA, Hazlewood G, Pardo-Hernandez H, Etzeandia-Ikobaltzeta I, Qaseem A, Williams JW Jr, Tugwell P, Flottorp S, Chang Y, Zhang Y, Mustafa RA, Rojas MX, Schünemann HJ. GRADE Guidelines: 19. Assessing the certainty of evidence in the importance of outcomes or values and preferences-Risk of bias and indirectness. *Journal of Clinical Epidemiology*. 2019 Jul;111:94-104.

Zhang Y, Coello PA, Guyatt GH, Yepes-Núñez JJ, Akl EA, Hazlewood G, Pardo-Hernandez H, Etzeandia-Ikobaltzeta I, Qaseem A, Williams JW Jr, Tugwell P, Flottorp S, Chang Y, Zhang Y, Mustafa RA, Rojas MX, Xie F, Schünemann HJ. GRADE guidelines: 20. Assessing the certainty of evidence in the importance of outcomes or values and preferences-inconsistency, imprecision, and other domains. *Journal of Clinical Epidemiology*. 2019 Jul;111:83-93.

Zoratti MJ, Zhou T, Chan K, Levine O, Krahn M, Husereau D, Clifford T, Schunemann H, Guyatt G, Xie F. Health Utility Book (HUB)-Cancer: Protocol for a Systematic Literature Review of Health State Utility Values in Cancer. *MDM Policy and Practice*. 2019 Aug 13;4(2):2381468319852594.

## SEARS, M

Cait A, Cardenas E, Dimitriu PA, Amenogbe N, Dai D, Cait J, Sbihi H, Stiemsma L, Subbarao P, Mandhane PJ, Becker AB, Moraes TJ, Sears MR, Lefebvre DL, Azad MB, Kollmann T, Turvey SE, Mohn WW. Reduced genetic potential for butyrate fermentation in the gut microbiome of infants who develop allergic sensitization. *Journal of Allergy and Clinical Immunology*. 2019 Dec;144(6):1638-1647.e3.

Carson V, Zeugwu VE, Tamana SK, Chikuma J, Lefebvre DL, Azad MB, Moraes TJ, Subbarao P, Becker AB, Turvey SE, Sears MR, Mandhane PJ. Associations between meeting the Canadian 24-Hour Movement Guidelines for the Early Years and behavioral and emotional problems among 3-year-olds. *Journal of Science and Medicine in Sport*. 2019 Jul;22(7):797-802.

Chen W, Subbarao P, McGihon RE, Feldman LY, Zhu J, Lou W, Gershon AS, Abdullah K, Moraes TJ, Dubeau A, Sears MR, Lefebvre DL, Turvey SE, Mandhane PJ, Azad MB, To T. Patterns of health care use related to respiratory conditions in early life: a birth cohort study with linked administrative data. *Pediatric Pulmonology*. 2019 Aug;54(8):1267-1276.

Chow A, Dharma C, Chen E, Mandhane PJ, Turvey SE, Elliott SJ, Becker AB, Subbarao P, Sears MR, for the CHILD Study investigators, Kozyrskyj AL. Trajectories of depressive symptoms and perceived stress from pregnancy to the postnatal period among Canadian women: impact of employment and immigration. *American Journal of Public Health*. 2019 Jun;109:S197-S204.

De Souza RJ, Zulyniak MA, Stearns JC, Wahi G, Teo K, Gupta M, Sears MR, Subbarao P, Anand SS. The influence of maternal and infant nutrition on cardiometabolic traits: novel findings and future research directions from 4 Canadian Birth Cohort studies. *Proceedings of the Nutrition Society*. 2019 Aug;78(3):351-361.

Dharma C, Lefebvre DL, Lu Z, Lou WY, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Azad MB, Chen E, Elliott SJ, Kozyrskyj AL, Sears MR, Subbarao P. Risk for maternal depressive symptoms and perceived stress by ethnicities in Canada: from pregnancy through the preschool years. *Canadian Journal of Psychiatry*. 2019 Mar;64(3):190-198.

Drall KM, Tun HM, Morales-Lizcano NP, Konya TB, Guttman DS, Field CJ, Mandal R, Wishart DS, Becker AB, Azad MB, Lefebvre DL, Mandhane PJ, Moraes TJ, Sears MR, Turvey SE, Subbarao P, Scott JA, Kozyrskyj AL. Clostridioides difficile colonization is differentially associated with gut microbiome profiles by infant feeding modality at 3-4 months of age. *Frontiers in Immunology*. 2019 Dec 11;10:2866.

Hancox RJ, Sears MR. The impact of marijuana smoking on lung function. *European Respiratory Journal*. 2019 Dec 19;54(6):1902065.

Krzeczowski JE, Lau A, Fitzpatrick J, Tamana S, Smithson L, de Souza R, Kozyrskyj AL, Lefebvre DL, Becker AB, Subbarao P, Turvey SE, Pei J, Schmidt LA, Sears MR, Van Lieshout RJ, Mandhane PJ; CHILD Study Investigators. Maternal metabolic complications in pregnancy and offspring behavior problems at 2 years of age. *Maternal and Child Health Journal*. 2019 Jun;23(6):746-755.

Matenchuk BA, Tamana SK, Lou WY, Lefebvre DL, Sears MR, Becker AB, Azad MB, Moraes TJ, Turvey SE, Subbarao P, CHILD Study Investigators, Kozyrskyj AL, Mandhane PJ. Prenatal depression and birth mode sequentially mediate maternal education's influence on infant sleep duration. *Sleep Medicine*. 2019 Jul;59:24-32.

Miliku K, Duan QL, Moraes TJ, Becker AB, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR, Subbarao P, Field CJ, Azad MB. Human milk fatty acid composition is associated with dietary, genetic, sociodemographic, and environmental factors in the CHILD cohort study. *American Journal of Clinical Nutrition*. 2019 Dec 1;110(6):1370-1383.

Moossavi S, Atakora F, Miliku K, Sephiri S, Robertson B, Duan QL, Becker AB, Mandhane PJ, Turvey SE, Moraes TJ, Lefebvre DL, Sears MR, Subbarao P, Field CJ, Bode L, Khafipour E, Azad MB. Integrated analysis of human milk microbiota with oligosaccharides and fatty acids in the CHILD cohort. *Frontiers in Nutrition*. 2019 May 16;6:58.

Moossavi S, Sephiri S, Robertson B, Bode L, Goruk S, Field CJ, Lix LM, de Souza RJ, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Moraes TJ, Lefebvre DL, Sears MR, Khafipour E, Azad MB. Maternal and early life factors and human milk microbiota in the CHILD cohort. *Cell Host & Microbe*. 2019 Feb 13;25(2):324-335.

Sbihi H, Jones MJ, MacIsaac JL, Brauer M, Allen RW, Sears MR, Subbarao P, Mandhane PJ, Moraes TJ, Azad MB, Becker AB, Brook

## PUBLICATIONS

JR, Kobor MS, Turvey SE. Prenatal exposure to traffic-related air pollution, the gestational epigenetic clock, and risk of early-life allergic sensitization. *Journal of Allergy and Clinical Immunology*. 2019 Dec;144(6):1729-1731.e5.

Tamana SK, Ezeugwu V, Chikuma J, Lefebvre DL, Azad MB, Moraes TJ, Subbarao P, Becker AB, Turvey SE, Sears MR, Dick BD, Carson V, Rasmussen C, CHILd Study investigators, Pei J, Mandhane PJ. Screen time is associated with inattention problems in preschoolers: Results from the CHILd birth cohort study. *Plos One*. 2019 Apr 17;14(4):e0213995.

Workman CE, Becker AB, Azad MB, Moraes TJ, Mandhane PJ, Turvey SE, Subbarao P, Brook JR, Sears MR, Wong CS. Associations between concentrations of perfluoroalkyl substances in human plasma and maternal, infant, and home characteristics in Winnipeg, Canada. *Environmental Pollution*. 2019 Jun;249:758-766.

### SEHMI, R

Aw M, Nair P, Salter B, Chen R, Machida K, Inman M, O'Byrne PM, Gauvreau GM, Sehmi R. Effect of sex on group 2 innate lymphoid cells in the airways of mild and severe asthmatics. *Allergy*. 2019 Jul;74(7):1397-1400.

Salter BM, Aw M, Sehmi R. The role of type 2 innate lymphoid cells in eosinophilic asthma. *Journal of Leukocyte Biology*. 2019 Oct;106(4):889-901.

### SHARGALL, Y

Agzarian J, Blackmon SH, Cassivi SD, Shen KR, Shargall Y. Moving to the other side of the table - transitioning from residency to faculty and the value of mentorship. *Journal of Thoracic Diseases*. 2019;11(Suppl 7):S1018-S1021.

Agzarian J, Kadlec J, Whitehead L, Shargall Y. Metastatic Non-Small-Cell Lung Cancer in the Setting of Unilateral Agenesis of the Left Pulmonary Artery: A Case Report and Comprehensive Literature Review. *Case Reports in Oncological Medicine*. 2019 Apr 17;2019:4752835.

Choe SI, Shargall Y. Pathophysiology of hyperhidrosis. *Shanghai Chest*. 2019 July 23;3.

Fahim C, Hylton D, Simunovic M, Agzarian J, Finley C, Hanna WC, Shargall Y. Development of the IRIS-AR strategy: an intervention to improve rates of accrual and retention for the VTE-PRO randomized controlled trial. *Trials*. 2019 Jul 19;20(1):447.

He J, Liu J, Zhu C, Dai T, Cai K, Zhang Z, Cheng C, Qiao K, Liu X, Wang G, Xu S, Yang R, Fan J, Li H, Jin J, Dong Q, Liang L, Ding J, He K, Liu Y, Ye J, Feng S, Jiang Y, Huang H, Zhang H, Liu Z, Feng X, Xia Z, Ma M, Duan Z, Huang T, Li Y, Shen Q, Tan W, Ma H, Sun Y, Chen C, Cui F, Wang W, Li J, Hao Z, Liu H, Liang W, Zou X, Liang H, Yang H, Li Y, Jiang S, Ng CSH, González-Rivas D, Pompeo E, Flores RM, Shargall Y, Ismail M, Bedetti B, Elkhoully AG, Ang K. Expert consensus on spontaneous ventilation video-assisted thoracoscopic surgery in primary spontaneous pneumothorax (Guangzhou). *Annals of Translational Medicine*. Oct 2019;7(20):518.

He J, Liu J, Zhu C, Dai T, Cai K, Zhang Z, Cheng C, Qiao K, Liu X, Wang G, Xu S, Yang R, Fan J, Li H, Jin J, Dong Q, Liang L, Ding J, He K, Liu Y, Ye J, Feng S, Jiang Y, Huang H, Zhang H, Liu Z, Feng X, Xia Z, Ma M, Duan Z, Huang T, Li Y, Shen Q, Tan W, Ma H, Sun Y, Chen C, Cui F, Wang W, Li J, Hao Z, Liu H, Liang W, Zou X, Liang H, Yang H, Li Y, Jiang S, Ng CSH, González-Rivas D, Pompeo E, Flores RM, Shargall Y, Ismail M, Ambrogi V, Elkhoully AG, Sung SW, Ang K. Expert consensus on tubeless video-assisted thoracoscopic surgery (Guangzhou). *Journal of Thoracic Disease*. 2019 Oct;11(10):4101-4108.

Mehta M, Patel YS, Yasufuku K, Waddell TK, Shargall Y, Fahim C, Hanna WC. Near-infrared mapping with indocyanine green is associated with an increase in oncological margin length in minimally invasive segmentectomy. *Journal of Thoracic and Cardiovascular Surgery*. 2019 May;157(5):2029-2035.

Ng CSH, MacDonald JK, Gilbert S, Khan AZ, Kim YT, Louie BE, Blair Marshall M, Santos RS, Scarci M, Shargall Y, Fernando HC. Expert Consensus Statement on Optimal Approach to Lobectomy for Non-Small Cell Lung Cancer. *Innovations (Phila)*. 2019 Apr;14(2):87-89.

Ng CSH, MacDonald JK, Gilbert S, Khan AZ, Kim YT, Louie BE, Blair Marshall M, Santos RS, Scarci M, Shargall Y, Fernando HC. Optimal Approach to Lobectomy for Non-Small Cell Lung Cancer: Systemic Review and Meta-Analysis. *Innovations (Phila)*. 2019 Apr;14(2):90-116.

Song C, Shargall Y, Li H, Tian B, Chen S, Miao J, Fu Y, You B, Hu B. Prevalence of venous thromboembolism after lung surgery in China: a single-centre, prospective cohort study involving patients undergoing lung resections without perioperative venous thromboembolism prophylaxis. *European Journal of Cardio-Thoracic Surgery*. 2019 Mar 1;55(3):455-460.

Coret M, Rok M, Newman J, Deonarain D, Agzarian J, Finley C, Shargall Y, Malik PR, Patel Y, Hanna WC. Twitter Activity Is Associated with a Higher Research Citation Index for Academic Thoracic Surgeons. *Annals of Thoracic Surgery*. 2020 Aug;110(2):660-663. Epub 2019 Nov 19.

### SHERBINO, J

Acai A, Li SA, Sherbino J, Chan TM. Attending Emergency Physicians' Perceptions of a Programmatic Workplace-Based Assessment System: The McMaster Modular Assessment Program (McMAP). *Teaching and Learning in Medicine*. 2019 Aug-Sep;31(4):434-444.

Bazak SJ, Sherbino J, Upadhye S, Chan T. Ascertaining top evidence in emergency medicine: A modified Delphi study. *Canadian Journal of Emergency Medicine*. 2019 Mar;21(2):291-295.

Cook DA, Durning SJ, Sherbino J, Gruppen LD. Management Reasoning: Implications for Health Professions Educators and a Research Agenda. *Academic Medicine*. 2019 Sep;94(9):1310-1316.

Kilian M, Sherbino J, Hicks C, Monteiro SD. Understanding diagnosis through ACTion: evaluation of a point-of-care checklist for junior emergency medical residents. *Diagnosis (Berl)*. 2019 Jun 26;6(2):151-156.

McDonald M, Lavelle C, Wen M, Sherbino J, Hulme J. The state of health advocacy training in postgraduate medical education: a scoping review. *Medical Education*. 2019 Dec;53(12):1209-1220.

Monteiro S, Sherbino J, Sibbald M, Norman G. Critical thinking, biases and dual processing: The enduring myth of generalisable skills. *Medical Education*. 2020 Jan;54(1):66-73. Epub 2019 Aug 29.

Petrosoniak A, Lu M, Gray S, Hicks C, Sherbino J, McGowan M, Monteiro S. Perfecting practice: a protocol for assessing simulation-based mastery learning and deliberate practice versus self-guided practice for bougie-assisted cricothyroidotomy performance. *BMC Medical Education*. 2019 Apr 5;19(1):100.

Sherbino J. Making change in medical education. *Medical Education*. 2019 Jul;53(7):649-651.

Sibbald M, Sherbino J, Ilgen JS, Zwaan L, Blissett S, Monteiro S, Norman G. Debiasing versus knowledge retrieval checklists to reduce diagnostic error in ECG interpretation. *Advances in Health Sciences Education: Theory to Practice*. 2019 Aug;24(3):427-440.

Stefan A, Hall JN, Sherbino J, Chan TM. Faculty development in the age of competency-based medical education: A needs assessment of Canadian emergency medicine faculty and senior trainees. *Canadian Journal of Emergency Medicine*. 2019 Jul;21(4):527-534.

Van EM, Frank JR, Holmboe ES, Dagnone D, Stockley D, Sherbino J. A Core Components Framework for Evaluating Implementation of Competency-Based Medical Education Programs. *Academic Medicine: Journal of the Association of American Medical Colleges*. 2019 Jul;94(7):1002-1009.

Vanstone M, Monteiro S, Colvin E, Norman G, Sherbino J, Sibbald M,



Dore K, Peters A. Experienced physician descriptions of intuition in clinical reasoning: a typology. *Diagnosis (Berl)*. 2019 Aug 27;6(3):259-268.

## SIBBALD, M

Echeverri N, Sibbald M, Sheth T. Usefulness of imaging techniques in the assessment of coronary disease – Optic Coherence Tomography. *Revista Colombiana de Cardiología*, 2019 July;(26)1:198-204.

Monteiro S, Sherbino J, Sibbald M, Norman G. Critical thinking, biases and dual processing: The enduring myth of generalisable skills. *Medical Education*. 2020 Jan;54(1):66-73. Epub 2019 Aug 29.

Patocka C, Cheng A, Sibbald M, Duff JP, Lai A, Lee-Nobbee P, Levin H, Varshney T, Weber B, Bhanji F. A randomized education trial of spaced versus massed instruction to improve acquisition and retention of paediatric resuscitation skills in emergency medical service (EMS) providers. *Resuscitation*. 2019 Aug;141:73-80.

Sibbald M, Caners K, Wang B. Managing cognitive load in simulations: exploring the role of simulation technologists. *Canadian Medical Education Journal*. 2019 Nov 28;10(4):e48-e56.

Sibbald M, Sherbino J, Ilgen JS, Zwaan L, Blissett S, Monteiro S, Norman G. Debiasing versus knowledge retrieval checklists to reduce diagnostic error in ECG interpretation. *Advances in Health Science Education: Theory and Practice*. 2019 Aug;24(3):427-440.

Vanstone M, Monteiro S, Colvin E, Norman G, Sherbino J, Sibbald M, Dore K, Peters A. Experienced physician descriptions of intuition in clinical reasoning: a typology. *Diagnosis (Berl)*. 2019 Aug 27;6(3):259-268.

## Book Chapters

Grierson L, Norman G, Monteiro S, Sibbald M. Simulation-Based Education and the Challenge of Transfer. In: Chiniara, G (Eds.). *Clinical Simulation*. Academic Press. 2019,9,115-127.

Monteiro S, Norman G, Sibbald M, Grierson L. Adapting Learning in a Simulated Environment. In: Chiniara, G (Eds.). *Clinical Simulation*. Academic Press. 2019;6,67-80.

Naismith L, Cheung J, Sibbald M, Tavares W, Cavalcanti R, Haji F, Fraser K. Using Cognitive Load Theory to Optimize Simulation Design. In: Chiniara, G (Eds.). *Clinical Simulation*. Academic Press. 2019;10,129-141.

## SIMARD, R

Badra K, Coutin A, Simard R, Pinto R, Lee JS, Chenkin J. The POCUS pulse check: A randomized controlled crossover study comparing pulse detection by palpation versus by point-of-care ultrasound. *Resuscitation*. 2019 Jun;139:17-23.

Simard RD, Socransky S, Chenkin J. Transoral Point-of-Care Ultrasound in the Diagnosis of Parapharyngeal Space Abscess. *Journal of Emergency Medicine*. 2019 Jan;56(1):70-73.

Simard RD, Unger AG, Betz M, Wu A, Chenkin J. The POCUS Pulse Check: A Case Series on a Novel Method for Determining the Presence of a Pulse Using Point-of-Care Ultrasound. *Journal of Emergency Medicine*. 2019 Jun;56(6):674-679.

## STEARNS, J

de Souza RJ, Zulyniak MA, Stearns JC, Wahi G, Teo K, Gupta M, Sears MR, Subbarao P and Anand SS. The influence of maternal and infant nutrition on cardiometabolic traits: novel findings and future research directions from 4 Canadian Birth Cohort studies. *Proceedings of the Nutrition Society*. 2019 Aug;78(3):351-361.

Li J, Dizzell SE, Jones SL, Kanji S, Lau JT, Mousseau A, Yousuf EI, Holloway AC, Ratcliffe EM, Stearns JC, Morrison K and Hutton EK. Early Life Exposures and the Development of the Infant Gut

Microbiome: A Review. *Canadian Journal of Midwifery Research & Practice*. 2019;18(2):8-24.

Stearns, J., & Surette, M. *Microbiology for dummies*. John Wiley & Sons. 2019.

Wessels JM, Lajoie J, Hay Cooper MIJ, Omollo K, Felker AM, Vitali D, Dupont HA, Nguyen PV, Mueller K, Vahedi F, Kimani J, Oyugi J, Cheruiyot J, Mungai JN, Deshiere A, Tremblay MJJ, Mazzulli T, Stearns JC, Ashkar AA, Fowke KR, Surette MG, and Kaushic C. Medroxyprogesterone acetate mediated alterations in the vaginal microbiota and microenvironment in a Kenyan sex worker cohort are recapitulated in humanized mice. *Disease Models & Mechanism*. 2019 Oct 23;12(10):dmm039669.

## STEINBERG, G

Broadfield LA, Marcinko K, Tsakiridis E, Zacharidis PG, Villani L, Lally JSV, Menjolian G, Maharaj D, Mathurin T, Smoke M, Farrell T, Muti P, Steinberg GR, Tsakiridis T. Salicylate enhances the response of prostate cancer to radiotherapy. *Prostate*. 2019 Apr;79(5):489-497.

Choumessi AT, Johanns M, Beaufay C, Herent MF, Stroobant V, Vertommen D, Corbet C, Jacobs R, Herinckx G, Steinberg GR, Feron O, Quetin-Leclercq J, Rider MH. Two isoprenylated flavonoids from *Dorstenia psilurus* activate AMPK, stimulate glucose uptake, inhibit glucose production and lower glycaemia. *Biochemical Journal*. 2019 Dec 19;476(24):3687-3704.

Day EA, Ford RJ, Smith BK, Mohammadi-Shemirani P, Morrow MR, Gutgesell RM, Lu R, Raphenya AR, Kabiri M, McArthur AG, McInnes N, Hess S, Paré G, Gerstein HC, Steinberg GR. Metformin-induced increases in GDF15 are important for suppressing appetite and promoting weight loss. *Nature Metabolism*. 2019 Dec;1(12):1202-1208.

Lally JSV, DePeralta, Moaven, Wei L, Masia R, Fujiwara N, Leong V, Houde VP, Anagnostopoulos AE, Wang A, Broadfield LA, Ford RJ, Foster RA, Greenwood J, Bhat S, Harriman G, Westlin WF, Muti P, Tsakiridis T, Harwood, Jr, Kapeller R, Hoshida Y, Tanabe KK, Steinberg GR, Fuchs BC. Inhibition of acetyl-CoA carboxylase by phosphorylation or the inhibitor ND-654, suppresses lipogenesis and hepatocellular carcinoma. *Cell Metabolism*. 2019 Jan 8;29(1):174-182.

Leonhard WN, Song X, Kanhai AA, Iliuta IA, Bozovic A, Steinberg GR, Peters DJM, Pei Y. Salsalate, but not metformin or canagliflozin, slows kidney cyst growth in an adult-onset mouse model of polycystic kidney disease. *EBioMedicine*. 2019 Sep;47:436-445.

Loh K, Tam S, Murray-Segal L, Huynh K, Meikle PJ, Scott JW, van Denderen B, Chen Z, Steel R, LeBlond ND, Burkovsky LA, O'Dwyer C, Nunes JRC, Steinberg GR, Fullerton MD, Galic S, Kemp BE. Inhibition of Adenosine Monophosphate-Activated Protein Kinase-3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Signaling Leads to Hypercholesterolemia and Promotes Hepatic Steatosis and Insulin Resistance. *Hepatology Communications*. 2019 Nov 12;3(11):84-98.

Martin AM, Yabut JM, Choo JM, Page AJ, Sun EW, Wesselingh SL, Khan WI, Rogers GB, Steinberg GR, Keating DJ. The Gut Microbiome Regulates Host Glucose Homeostasis via Peripheral Serotonin. *Proceedings of the National Academy of Sciences*. 2019 Oct 1;116(40):19802-19804.

Oreskovich SM, Ong FJ, Ahmed BA, Konyer NB, Blondin DP, Gunn E, Singh NP, Noseworthy NP, Haman F, Carpentier AC, Punthakee Z, Steinberg GR, Morrison KM. Magnetic resonance imaging reveals human brown adipose tissue is rapidly activated in response to cold. *Journal of the Endocrine Society*. 2019 Oct 14;3(12):2374-2384.

Rudrapatna S, Bhatt M, Wang KW, Bierbrier R, Wang PW, Banfield L, Elsheikh W, Sims ED, Peterson D, Thabane L, Tarnopolsky MA, Steinberg GR, Samaan MC. Obesity and muscle-macrophage cross-talk in humans and mice: A systematic review. *Obesity Reviews*. 2019 Nov;20(11):1572-1596.

## PUBLICATIONS

Steinberg GR, Carling D. AMP-activated protein kinase (AMPK): the current landscape for drug development. *Nature Reviews in Drug Discovery*. 2019 Jul;18(7):527-551.

Yabut JM, Crane JD, Green AE, Keating DJ, Khan WI, Steinberg GR. Emerging Roles for Serotonin in Regulating Metabolism: New Implications for an Ancient Molecule. *Endocrine Reviews*. 2019 Aug 1;40(4):1092-1107.

Zhang D, Gava AL, Van Krieken R, Mehta N, Li R, Gao B, Desjardins EM, Steinberg GR, Hawke T, Krepinsky JC. The caveolin-1 regulated protein follistatin protects against diabetic kidney disease. *Kidney International*. 2019 Nov;96(5):1134-1149.

### SVENNINGSEN, S

Doyle AD, Mukherjee M, LeSuer WE, Bittner TB, Pasha SM, Frere JJ, Neely JL, Kloeber JA, Shim KP, Ochkur SI, Ho T, Svenningsen S, Wright BL, Rank MA, Lee JJ, Nair P, Jacobsen EA. Eosinophil-derived IL-13 promotes emphysema. *European Respiratory Journal*. 2019 May 30;53(5):1801291.

Eddy RL, Matheson AM, Svenningsen S, Knipping D, Liciskai C, McCormack DG, Parraga G. Nonidentical Twins With Asthma: Spatially Matched CT Airway and MRI Ventilation Abnormalities. *Chest*. 2019 Dec;156(6):e111-e116.

Eddy RL, Svenningsen S, Liciskai C, McCormack DG, Parraga G. Hyperpolarized Helium 3 MRI in Mild-to-Moderate Asthma: Prediction of Postbronchodilator Reversibility. *Radiology*. 2019 Oct;293(1):212-220.

Mukherjee M, Thomas SR, Radford K, Dvorkin-Gheva A, Davydchenko S, Kjarsgaard M, Svenningsen S, Almas S, Felix LC, Stearns J, Li QZ, Khalidi N, Lacy P, Nair PK. Sputum Antineutrophil Cytoplasmic Antibodies in Serum Antineutrophil Cytoplasmic Antibody-Negative Eosinophilic Granulomatosis with Polyangiitis. *American Journal of Respiratory Critical Care Medicine*. 2019 Jan 15;199(2):158-170.

Svenningsen S, Haider E, Boylan C, Mukherjee M, Eddy RL, Capaldi DPI, Parraga G, Nair P. CT and Functional MRI to Evaluate Airway Mucus in Severe Asthma. *Chest*. 2019 Jun;155(6):1178-1189.

Svenningsen S, Haider EA, Eddy RL, Parraga G, Nair P. Normalisation of MRI ventilation heterogeneity in severe asthma by dupilumab. *Thorax*. 2019 Nov;74(11):1087-1088.

Svenningsen S, Lim HF, Goodwin S, Kjarsgaard M, Parraga G, Miller J, Cox G, Nair P. Optimizing sputum cell counts prior to bronchial thermoplasty: A preliminary report. *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine*. 2019 Feb;3(3):143-147.

### TSANG, J

Dionne JC, Sullivan K, Mbuagbaw L, Takaoka A, Duan EH, Alhazzani W, Devlin JW, Duprey M, Moayyedi P, Armstrong D, Thabane L, Tsang JLY, Jaeschke R, Hamielec C, Karachi T, Cartin-Ceba R, Muscedere J, Alshahrani MSS, Cook DJ. Diarrhoea: interventions, consequences and epidemiology in the intensive care unit (DICE-ICU): a protocol for a prospective multicentre cohort study. *BMJ Open*. 2019 Jun 27;9(6):e028237.

Gehrke P, Binnie A, Chan SPT, Cook DJ, Burns KEA, Rewa OG, Herridge M, Tsang JLY. Fostering community hospital research. *CMAJ*. 2019 Sep 3;191(35):E962-E966.

Honarmand K, Um KJ, Belley-Côté EP, Alhazzani W, Farley C, Fernando SM, Fiest K, Grey D, Hajdini E, Herridge M, Hrymak C, Møller MH, Kanji S, Lamontagne F, Lauzier F, Mehta S, Paunovic B, Singal R, Tsang JL, Wynne C, Rochweg B. Canadian Critical Care Society clinical practice guideline: The use of vasopressin and vasopressin analogues in critically ill adults with distributive shock. *Canadian Journal of Anaesthesia*. 2020 Mar;67(3):369-376. Epub 2019 Dec 3.

Liaw PC, Fox-Robichaud AE, Liaw KL, McDonald E, Dwivedi DJ, Zamir NM, Pepler L, Gould TJ, Xu M, Zytaruk N, Medeiros SK, McIntyre

L, Tsang J, Dodek PM, Winston BW, Martin C, Fraser DD, Weitz JI, Lellouche F, Cook DJ, Marshall J. Mortality Risk Profiles for Sepsis: A Novel Longitudinal and Multivariable Approach. *Critical Care Explorations*. 2019 Aug 1;1(8):e0032.

Penuela MC, Law M, Chung HO, Faught BE, Tsang JLY. Impact of a multifaceted and multidisciplinary intervention on pain, agitation and delirium management in a Canadian community intensive care unit: a quality improvement study protocol. *CMAJ Open*. 2019 Jun 26;7(2):E430-E434.

Tan CM, Camargo M, Miller F, Ross K, Maximous R, Yung P, Marshall C, Fleming D, Law M, Tsang JL. Impact of a nurse engagement intervention on pain, agitation and delirium assessment in a community intensive care unit. *BMJ Open Qual*. 2019 Aug 5;8(3):e000421.

Tsang JLY, Ross K, Miller F, Maximous R, Yung P, Marshall C, Camargo M, Fleming D, Law M. Qualitative descriptive study to explore nurses' perceptions and experience on pain, agitation and delirium management in a community intensive care unit. *BMJ Open*. 2019 Apr 4;9(4):e024328.

### UPADHYE, S

Cheng AHY, Campbell S, Chartier LB, Dowling S, Goddard T, Gosselin S, Holroyd BR, Kapur AK, Magee K, McEwen J, Thiruganasambandamoorthy V, Upadhye S, Rowe BH. Choosing Wisely Canada's emergency medicine recommendations: Time for a revision. *Canadian Journal of Emergency Medicine*. 2019 Nov;21(6):717-720.

Upadhye S, Worster A, Valani R. Relevance of opioid guidelines in the emergency room (ROGER). *American Journal of Emergency Medicine*. 2019 Mar;37(3):538-539.

Upadhye S, Alavinia M, Kumbhare D. Understanding Measures of Association: A Primer With Examples From Rehabilitation Research. *American Journal of Physical Medicine and Rehabilitation*. 2019 Aug;98(8):725-728.

### VALANI, R

Salehi L, Phalpher P, Ossip M, Meaney C, Valani R, Mercuri M. Variability in practice patterns among emergency physicians in the evaluation of patients with a suspected diagnosis of pulmonary embolism. *Emergency Radiology*. 2020 Apr;27(2):127-134. Epub 2019 Nov 21.

Salehi L, Phalpher P, Valani R, Wan A, Herman J, Mercuri M. "Time of transfer of admitted patients from the ED: A contributor to ED boarding in high-volume community hospitals." *Helathcare Quarterly*. 2019 Jan;21(4):48-53.

Upadhye S, Worster A, Valani R. Relevance of opioid guidelines in the emergency room (ROGER). *The American Journal of Emergency Medicine*. 2019 Mar;37(3):538-539.

### VAN SPALL, H

Eliya Y, Pellegrini D, Gevaert A, Code J, Van Spall HGC. Social Media in Heart Failure: A Mixed Methods Systematic Review. *Current Cardiology Review*. 2019 Dec 10.

Kwok CS, Brown DL, Van Spall HGC, Walsh MN, Bharadwaj A, Parwani P, Potts J, Loke Y, Martin G, Kontopantelis E, Fischman D, Mamas MA. Non-specific chest pain and subsequent serious cardiovascular readmissions. *International Journal of Cardiology*. 2019 Sep 15;291:1-7.

Kwok CS, Lundberg G, Al-Faleh H, Sirker A, Van Spall HGC, Michos ED, Rashid M, Mohamed M, Bagur R, Mamas MA. Relation of Frailty to Outcomes in Patients With Acute Coronary Syndromes. *American Journal of Cardiology*. 2019 Oct 1;124(7):1002-1011.

Kwok CS, Seferovic PM, Van Spall HG, Helliwell T, Clarson L, Lawson C, Kontopantelis E, Patwala A, Duckett S, Fung E, Mallen CD, Mamas MA.

Early Unplanned Readmissions After Admission to Hospital With Heart Failure. *American Journal of Cardiology*. 2019 Sep 1;124(5):736-745.

Kwok CS, Zieroth S, Van Spall HGC, Helliwell T, Clarson L, Mohamed M, Mallen C, Duckett S, Mamas MA. The Hospital Frailty Risk Score and its association with in-hospital mortality, cost, length of stay and discharge location in patients with heart failure short running title: Frailty and outcomes in heart failure. *International Journal of Cardiology*. 2020 Feb 1;300:184-190. Epub 2019 Oct 9.

Martin GP, Kwok CS, Van Spall HGC, Volgman AS, Michos E, Parwani P, Alraies C, Thamman R, Kontopantelis E, Mamas M. Readmission and processes of care across weekend and weekday hospitalisation for acute myocardial infarction, heart failure or stroke: an observational study of the National Readmission Database. *BMJ Open*. 2019 Aug 22;9(8):e029667.

Michael F, Whitelaw S, Van Spall HG. Transitional care quality indicators to assess quality of care following hospitalisation for chronic obstructive pulmonary disease and heart failure: a systematic review protocol. *BMJ Open*. 2019 Dec 31;9(12):e032764.

Mohamed MO, Greenspon A, Van Spall H, Volgman AS, Sharma PS, Alraies MC, Kwok CS, Martin GP, Zachariah D, Patwala A, Mamas MA. Sex differences in rates and causes of 30-day readmissions after cardiac electronic device implantations: insights from the Nationwide Readmissions Database. *International Journal of Cardiology*. 2020 Mar 1;302:67-74. Epub 2019 Dec 10.

Sullivan K, Mamas MA, Van Spall HGC. Machine Learning Could Facilitate Optimal Titration of Guideline-Directed Medical Therapy in Heart Failure. *Journal of the American College of Cardiology*. 2019 Sep 10;74(10):1424-1425.

Sullivan K, Van Spall HGC. A wearable cardioverter-defibrillator did not reduce arrhythmic death in MI with reduced ejection fraction. *Annals of Internal Medicine*. 2019 Jan 15;170(2):JC5.

Unni RR, Lee SF, Thabane L, Connolly S, Van Spall HG. Variations in stepped-wedge cluster randomized trial design: Insights from the Patient-Centered Care Transitions in Heart Failure trial. *American Heart Journal*. 2020 Feb;220:116-126. Epub 2019 Sep 1.

Van Spall HGC. In patients with previous dilated cardiomyopathy, withdrawal of HF drugs increased relapse at 6 months. *Annals of Internal Medicine*. 2019 Mar 19;170(6):JC28.

Van Spall HGC, Mamas MA. A review of interventions to improve clinical outcomes following hospitalisation for heart failure. *Kardiol Pol*. 2019;77(3):341-346.

Van Spall HGC, Lee SF, Xie F, Oz UE, Perez R, Mitoff PR, Maingi M, Tjandrawidjaja MC, Heffernan M, Zia MI, Porepa L, Panju M, Thabane L, Graham ID, Haynes RB, Haughton D, Simek KD, Ko DT, Connolly SJ. Effect of Patient-Centered Transitional Care Services on Clinical Outcomes in Patients Hospitalized for Heart Failure: The PACT-HF Randomized Clinical Trial. *JAMA*. 2019 Feb 26;321(8):753-761.

## VENDOR, R

Amir Ali A, Vender R, Vender R. The Role of IL-17 in Papulopustular Rosacea and Future Directions. *Journal of Cutaneous Medicine and Surgery*. 2019 Nov/Dec;23(6):635-641.

Papp KA, Gooderham M, Jenkins R, Vender R, Szeptietowski JC, Wagner T, Hunt B, Souberbielle B; NEPTUNE investigators. Granulocyte-macrophage colony-stimulating factor (GM-CSF) as a therapeutic target in psoriasis: randomized, controlled investigation using namilumab, a specific human anti-GM-CSF monoclonal antibody. *British Journal of Dermatology*. 2019 Jun;180(6):1352-1360.

Phung M, Ighani A, Georgakopoulos JR, Vender R, Giroux L, Lansang P, Yeung J. Off-Label High-Dose Secukinumab for the Treatment of Moderate-to-Severe Psoriasis. *Journal of Cutaneous Medicine and Surgery*. 2019 Jul/Aug;23(4):391-393.

Reis J, Vender R, Torres T. Bimekizumab: The First Dual Inhibitor of Interleukin (IL)-17A and IL-17F for the Treatment of Psoriatic Disease and Ankylosing Spondylitis. *BioDrugs*. 2019 Aug;33(4):391-399.

Thaçi D, Puig L, Reich K, Tsai TF, Tying S, Kingo K, Ziv M, Pinter A, Vender R, Lacombe A, Xia S, Bhosekar V, Gilloteau I, Guana A, Blauvelt A. Secukinumab demonstrates sustained efficacy in clearing skin and improving patient-reported outcomes in patients with moderate-to-severe psoriasis through 2 years of treatment: Results from the CLEAR study. *Journal of the American Academy of Dermatology*. 2019 Dec;81(6):1405-1409.

Vender RB, Andriessen A, Barankin B, Freiman A, Kyritsis D, Mistos LM, Salsberg J, Amar L. Cohort Using a Ceramides Containing Cleanser and Cream With Salicylic Acid for Dry, Flaking, and Scaling Skin Conditions. *Journal of Drugs in Dermatology*. 2019 Jan 1;18(1):80-85.

## WALLNER, C

Buick JE, Wallner C, Aickin R, Meaney PA, de Caen A, Maconochie I, Skrifvars MB, Welsford M; International Liaison Committee on Resuscitation Pediatric Life Support Task Force. Paediatric targeted temperature management post cardiac arrest: A systematic review and meta-analysis. *Resuscitation*. 2019 Jun;139:65-75.

## WANG, M

Wang XM, Swinton M, You JJ. Medical students' experiences with goals of care discussions and their impact on professional identity formation. *Medical Education*. 2019 Dec;53(12):1230-1242.

## WEITZ, J

Agno W, Haas S, Weitz JI, Goldhaber SZ, Turpie AGG, Goto S, Angchaisuksiri P, Nielsen J, Kayani G, Pieper K, Schellong S, Bounameaux H, Mantovani LG, Prandoni P, Kakkar AK, GARFIELD-VTE Investigators. Characteristics and management of patients with venous thromboembolism: The GARFIELD-VTE Registry. *Thrombosis and Haemostasis*. 2019 Feb;119(2):319-327.

Agno W, Haas S, Weitz JI, Goldhaber SZ, Turpie AGG, Goto S, Angchaisuksiri P, Dalsgaard Nielsen J, Kayani G, Farjat AE, Zaghdon A, Schellong S, Bounameaux H, Mantovani LG, Prandoni P, Darius H, Kakkar AK. Upper extremity DVT versus lower extremity DVT: Perspectives from the GARFIELD-VTE registry. *Thrombosis and Haemostasis*. 2019 Aug;119(8):1365-1372.

Badv M, Weitz JI, Didar T. Lubricant-infused PET grafts with built-in biofunctional nanopores attenuate thrombin generation and promote targeted binding of cells. *Small*. 2019 Dec;15(51):e1905562.

Bhatt DL, Pollack CV, Weitz JI, Jennings LK, Xu S, Arnold SE, Umstead BR, Mays MC, Lee J. Antibody-based ticagrelor reversal agent in healthy volunteers. *New England Journal of Medicine*. 2019 May 9;380(19):1825-1833.

Cate V, Lensing AWA, Weitz JI, Beyer-Westendorf J, Wells PS, Mismetti P, Prandoni P, Cohen AT, Davidson BL, Prins MH. Extended anticoagulant therapy in venous thromboembolism: a balanced fractional factorial, clinical vignette-based study. *Haematologica*. 2019 Oct;104(10):e474-e477.

Chan N, Weitz JI. AB023, a novel antibody that binds factor XI and blocks its activation by factor XIIa. *Arteriosclerosis, Thrombosis and Vascular Biology*. 2019 Apr;39(4):533-535.

Chan NC, Weitz JI. Antithrombotic Agents: New directions in antithrombotic therapy. *Circulation Research*. 2019 Feb;124(3):426-436.

Chan NC, Weitz JI. Rivaroxaban for prevention and treatment of venous thromboembolism. *Future Cardiology*. 2019 Mar;15(2):63-77.

Cohen AT, Agnelli G, Buller HR, Gallus A, Raskob GE, Sanders P, Thompson J, Weitz JI. Characteristics and outcomes in patients with venous thromboembolism taking concomitant anti-platelet agents and



# PUBLICATIONS

- anticoagulants in the AMPLIFY Trial. *Thrombosis and Haemostasis*. 2019 Mar;119:461-466.
- Coppens M, Weitz JI, Eikelboom JW. Synergy of dual pathway inhibition in chronic cardiovascular disease. *Circulation Research*. 2019 Feb;124(3):416-425.
- De Caterina R, Ageno W, Agnelli G, Chan NC, Diener H-C, Hylek E, Raskob GE, Siegal DM, Verheugt FWA, Lip, GYH, Weitz JI. The non-vitamin K antagonist oral anticoagulants in heart disease: Section V -Special Situations. *Thrombosis and Haemostasis*. 2019 Jan;119(1):14-38.
- Eikelboom J, van Ryn J, Reilly P, Hylek E, Elsaesser A, Glund S, Pollack C, Weitz JI. Dabigatran reversal with idarucizumab in patients with renal impairment. *Journal of the American College of Cardiology*. 2019 Oct 8;74(14):1760-1768.
- Field TS, Weijs B, Curcio A, Giustozzi M, Sudikas S, Katholing A, Wallenhorst C, Weitz JI, Cohen AT, Martinez, C. Incident atrial fibrillation, dementia, and the role of anticoagulation: A population-based cohort study. *Thrombosis and Haemostasis*. 2019 Jun;119(6):981-991.
- Friedmann AP, Koutychenko A, Wu C, Fredenburgh JC, Weitz JI, Gross PL, Xu P, Ni F, Kim PY. Identification and characterization of a factor Va-binding site on human prothrombin fragment 2. *Scientific Reports*. 2019 Feb;9(1):2436.
- Gurbel PA, Fox KAA, Tantry US, Ten Cate H, Weitz JI. Combination antiplatelet and oral anticoagulant therapy in patients with coronary and peripheral artery disease. *Circulation*. 2019 Apr 30;139(18):2170-2185.
- Haas S, Ageno W, Weitz JI, Goldhaber SZ, Turpie AGG, Goto S, Angchaisuksiri P, Dalsgaard Nielsen J, Kayani G, Zaghdoun A, Farjat AE, Schellong S, Bounameaux H, Mantovani LG, Prandoni P, Kakkar AK. Anticoagulation therapy patterns for acute treatment of venous thromboembolism in GARFIELD-VTE patients. *Journal of Thrombosis and Haemostasis*. 2019 Oct;17(10):1694-1706.
- Jaffer IH, Fredenburgh JC, Stafford A, Whitlock RP, Weitz JI. Rivaroxaban and dabigatran for suppression of mechanical heart valve-induced thrombin generation. *Annals of Thoracic Surgery*. 2020 Aug;110(2):582-590. Epub 2019 Dec 24.
- Jaffer IH, Weitz JI. The blood compatibility challenge part 1: Blood-contacting medical devices: The scope of the problem. *Acta Biomaterialia*. 2019 Aug;94:2-10.
- Khan F, Rahman A, Carrier M, Kearon C, Weitz JI, Schulman S, Couturand F, Eichinger S, Kyrle PA, Becattini C, Agnelli G, Brighton TA, Lensing AWA, Prins MH, Sabri E, Hutton B, Pinede L, Cushman M, Palareti G, Wells GA, Prandoni P, Buller HR, Rodger MA; MARVELOUS Collaborators. Long-term risk of recurrent venous thromboembolism after stopping anticoagulant therapy for first unprovoked venous thromboembolism. *British Medical Journal*. 2019 Jul24;366:14363, 2019.
- Levy JH, van Ryn J, Sellke FW, Reilly PA, Elsaesser A, Glund S, Kreuzer J, Weitz JI, Pollack CV. Dabigatran reversal with idarucizumab in patients requiring urgent surgery: A subanalysis of the RE-VERSE AD Study. *Annals of Surgery*. 2019 Oct 9.
- Liaw PC, Fox-Robichaud AE, Liaw KL, McDonald E, Dwivedi DJ, Zamir NM, Pepler L, Gould TJ, Xu M, Zytaruk N, Medeiros SK, McIntyre L, Tsang J, Dodek PM, Winston BW, Martin C, Fraser DD, Weitz JI, Lellouche F, Cook DJ, Marshall J. Mortality risk profiles for sepsis: A novel longitudinal and multivariable approach. *Critical Care Explorations*. 2019 Aug 1;1(8):e0032.
- Ramacciotti E, Weitz JI. Rivaroxaban plus aspirin for cardiovascular protection: Rationale for the vascular dose and dual pathway inhibition. *Thrombosis Research*. 2019 Dec;184:44-49.
- Schellong SM, Goldhaber SZ, Weitz JI, Ageno W, Bounameaux H, Turpie AGG, Angchaisuksiri P, Haas S, Goto S, Zaghdoun A, Farjat A, Nielsen JD, Kayani G, Mantovani LG, Prandoni P, Kakkar AK. Isolated distal deep vein thrombosis: Perspectives from the GARFIELD-VTE registry. *Thrombosis and Haemostasis*. 2019 Oct;119(10):1675-1685.
- Shaya SA, Gani DM, Weitz JI, Kim PY, Gross PL. Factor XIII prevents pulmonary emboli in mice by stabilizing deep vein thrombi. *Thrombosis and Haemostasis*. 2019 Jun;119(6):992-999.
- Weitz JI, Chan N. Advances in antithrombotic therapy. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2019 Jan;39(1):7-12.
- Weitz JI, Chan NC. Are ticks the answer to medical device-associated clotting? *Journal of the American College of Cardiology*. 2019 Oct 29;74(17):2190-2192.
- Weitz JI, Chan NC. Long-term management of venous thromboembolism: Lessons from EINSTEIN CHOICE and other extension trials. *Thrombosis and Haemostasis*. 2019 May;119(5):689-694.
- Weitz JI, Chan NC. MAA868, a novel monoclonal antibody that locks factor XIa in a zymogen-like state. *Blood*. 2019 Mar 28;133(13):1393-1394.
- Weitz JI, Fazio S. Overview of therapeutic approaches for cholesterol lowering and attenuation of thrombosis for prevention of atherothrombosis. *Circulation Research*. 2019 Feb;124(3):351-353.
- Weitz JI, Segers A, Raskob G, Roberts RS, Francis C, Lassen MR, Fuji T, Swaim R, Lee M, Peters G, DiBattiste PM, Tesfaye F, Strony J. Randomized phase 2 trial comparing JNJ-9375, a thrombin-directed antibody, with apixaban for prevention of venous thrombosis. *Journal of Thrombosis and Haemostasis*. 2019 Dec;17(12):2081-2088.
- Zhang L, Yan X, Nandy P, Willmann S, Fox KAA, Berkowitz SD, Sharma A, Hermanowski-Vosatka A, Schmidt S, Weitz JI, Garmann D, Peters G. Influence of rivaroxaban exposure and patient characteristics on efficacy and safety outcomes in patients with acute coronary syndrome. *Journal of Cardiovascular Pharmacology and Therapeutics*. 2019 Jan-Dec;13:1753944719863641.

## Book Chapters

Chan NC, Weitz JI. Antiplatelet drugs in the management of venous thromboembolism, Cardioembolism, ventricular assist devices, and pregnancy complications. In: A. Michelson, M. Cattaneo, L. Frelinger, and P. Newman (Eds.). *Platelets* (Forth Edition). 2019;1067-1077.

Weitz JI. Antiplatelet, anticoagulant and fibrinolytic drugs. In: *Harrison's Principles of Internal Medicine* (Twentieth). 2019;114.

Weitz JI. Pulmonary Embolism. In: *Goldman's Cecil Textbook of Medicine*, 25th Edition. L. Goldman & I. Schafer (Eds.). 2019;98.

## WELSFORD, M

Buick JE, Wallner C, Aickin R, Meaney PA, de Caen A, Maconochie I, Skifvars MB, Welsford M on behalf of Pediatric Life Support Task Force. Paediatric Targeted Temperature Management Post Cardiac Arrest: A Systematic Review and Meta-Analysis. *Resuscitation*. 2019 Jun;139:65-75.

Granfeldt A, Avis SR, Nicholson TC, Holmberg MJ, Moskowitz A, Coker A, Berg KM, Parr MJ, Donnino MW, Soar J, Nation K, Andersen LW; International Liaison Committee on Resuscitation Advanced Life Support Task Force Collaborators. Advanced airway management during adult cardiac arrest: A systematic review. *Resuscitation*. 2019 Jun;139:133-143.

Holmberg MJ, Issa MS, Moskowitz A, Morley P, Welsford M, Neumar R, Paiva E, Coker A, Hansen CK, Anderson LW, Donnino MW, Berg KM, on behalf of the Advanced Life Support Task Force. Vasopressors During Adult Cardiac Arrest: A Systematic Review and Meta-Analysis. *Resuscitation*. 2019 Jun;139:106-121.

Pritchard J, Roberge J, Bacani J, Welsford M, Mondoux S. Implementation of CPR Feedback Technology to Improve the Quality of CPR in the ED: a QI Test-of-Change Study. *Cureus*. 2019 Aug 29;11(8):e5523.

Soar J, Maconochie I, Wyckoff MH, Olasveengen TM, Singletary EM, Greif R, Aickin R, Bhanji F, Donnino MW, Mancini ME, Wyllie JP,

Zideman D, Andersen LW, Atkins DL, Aziz K, Bendall J, Berg KM, Berry DC, Bigham BL, Bingham R, Couto TB, Böttiger BW, Borra V, Bray JE, Breckwoldt J, Brooks SC, Buick J, Callaway CW, Carlson JN, Cassan P, Castrén M, Chang WT, Charlton NP, Cheng A, Chung SP, Considine J, Couper K, Dainty KN, Dawson JA, de Almeida MF, de Caen AR, Deakin CD, Drennan IR, Duff JP, Epstein JL, Escalante R, Gazmuri RJ, Gilfoyle E, Granfeldt A, Guerguerian AM, Guinsburg R, Hatanaka T, Holmberg MJ, Hood N, Hosono S, Hsieh MJ, Isayama T, Iwami T, Jensen JL, Kapadia V, Kim HS, Kleinman ME, Kudenchuk PJ, Lang E, Lavonas E, Liley H, Lim SH, Lockey A, Lofgren B, Ma MH, Markenson D, Meaney PA, Meyran D, Mildenhall L, Monsieurs KG, Montgomery W, Morley PT, Morrison LJ, Nadkarni VM, Nation K, Neumar RW, Ng KC, Nicholson T, Nikolaou N, Nishiyama C, Nuthall G, Ohshimo S, Okamoto D, O'Neil B, Yong-Kwang Ong G, Paiva EF, Parr M, Pellegrino JL, Perkins GD, Perlman J, Rabi Y, Reis A, Reynolds JC, Ristagno G, Roehr CC, Sakamoto T, Sandroni C, Schexnayder SM, Scholefield BR, Shimizu N, Skrifvars MB, Smyth MA, Stanton D, Swain J, Szyld E, Tijssen J, Travers A, Trevisanuto D, Vaillancourt C, Van de Voorde P, Velaphi S, Wang TL, Weiner G, Welsford M, Woodin JA, Yeung J, Nolan JP, Hazinski MF. 2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. *Circulation*. 2019 Dec 10;140(24):e826-e880.

Welsford M, Berg KM, Neumar RW, Paiva EF, Andersen LW, Böttiger BW, Callaway CW, Deakin CD, Drennan I, Kleinman M, Nicholson TC, O'Neil BJ, Parr MJ, Reynolds JC, Sandroni C, Holmberg MJ, Wang TL, Nolan JP, Morley PT, Soar J and Donnino MW. Vasopressors in adult cardiac arrest. Consensus on Science with Treatment Recommendations. 2019 Mar 1.

Welsford M, Buick JE, Drennan IR, Lin S, Atkinson PR. #Epi: There is no place for the use of intravenous epinephrine as a standard component of cardiac arrest resuscitation care. *CJEM*. 2019 May;21(3):324-9.

Welsford M, Nishiyama C, Shortt C, Isayama T, Dawson JA, Weiner G, Roehr CC, Wyckoff MH, Rabi Y on behalf of the International Liaison Committee on Resuscitation Neonatal Life Support Task Force. Room air for initiating term newborn resuscitation: A systematic review and meta-analysis. *Pediatrics* 2019 Jan;143(1):e20181825.

Welsford M, Nishiyama C, Shortt C, Weiner G, Roehr CC, Isayama T, Dawson JA, Wyckoff MH, Rabi Y on behalf of the International Liaison Committee on Resuscitation Neonatal Life Support Task Force. Initial oxygen use for preterm newborn resuscitation: A systematic review and meta-analysis. *Pediatrics*. 2019 Jan;143(1):e20181828.

Wong G, Welsford M, Ainsworth C, Abuzeid W, Fordyce CB, Greene J, Huynh T, Lambert L, Le May M, Lutchmedial S, Mahta S, Natarajan M, Norris CM, Overgarrd CB, Arnesen MP, Quraishi A, Tanguay JF, Traboulsi M, Van Diepen S, Welsh R, Wood DA, Cantor WJ. 2019 Canadian Cardiovascular Society/Canadian Association of Interventional Cardiology Guidelines on the Acute Management of ST-Elevation Myocardial Infarction: Focused Update on Regionalization and Reperfusion. *Canadian Journal of Cardiology*. 2019 Feb;35(2):107-128.

## WORSTER, A

Germini F, Marcucci M, Fedele M, Galli MG, Heath T, Mbuagbaw L, Salvatori V, Veronese G, Worster A, Thabane L. Quality of reporting in abstracts of RCTs published in emergency medicine journals: a systematic survey of the literature suggests we can do better. *Emergency Medicine Journal*. 2019 Nov 6;660-665.

Kavsak PA, Ainsworth C, Clark L, Devereaux PJ, Worster A. Four Different High-Sensitivity Cardiac Troponin Assays With Important Analytical Performance Differences. *Canadian Journal of Cardiology*. 2019 Jun;35(6):796.e17-796.e18.

Kavsak PA, McRae A, Vatanpour S, Ismail OZ, Worster A. A Multicenter Assessment of the Sensitivity and Specificity for a Single High-Sensitivity Cardiac Troponin Test at Emergency Department

Presentation for Hospital Admission. *Journal of Applied Laboratory Medicine*. 2019 Sep;4(2):170-179.

Kavsak PA, Roy C, Malinowski P, Clark L, Lamers S, Bamford K, Hill S, Worster A, Jaffe AS. Sample matrix and high-sensitivity cardiac troponin I assays. *Clinical Chemistry and Laboratory Medicine*. 2019 Apr 24;57(5):745-751.

Neumann JT, Twerenbold R, Ojeda F, Sörensen NA, Chapman AR, Shah ASV, Anand A, Boeddinghaus J, Nestelberger T, Badertscher P, Mokhtari A, Pickering JW, Troughton RW, Greenslade J, Parsonage W, Mueller-Hennessen M, Gori T, Jernberg T, Morris N, Liebetrau C, Hamm C, Katus HA, Münzel T, Landmesser U, Salomaa V, Iacoviello L, Ferrario MM, Giampaoli S, Kee F, Thorand B, Peters A, Borchini R, Jørgensen T, Söderberg S, Sans S, Tunstall-Pedoe H, Kuulasmaa K, Renné T, Lackner KJ, Worster A, Body R, Ekelund U, Kavsak PA, Keller T, Lindahl B, Wild P, Giannitsis E, Than M, Cullen LA, Mills NL, Mueller C, Zeller T, Westermann D, Blankenberg S. Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. *New England Journal of Medicine*. 2019 Jun 27;380(26):2529-2540.

## ZELLER, M

Callum J, Farkouh ME, Scales DC, Heddle NM, Crowther M, Rao V, Hucke HP, Carroll J, Grewal D, Brar S, Bussièeres J, Grocott H, Harle C, Pavenski K, Rochon A, Saha T, Shepherd L, Syed S, Tran D, Wong D, Zeller M, Karkouti K; FIBRES Research Group. Effect of Fibrinogen Concentrate vs Cryoprecipitate on Blood Component Transfusion After Cardiac Surgery: The FIBRES Randomized Clinical Trial. *JAMA*. 2019 Nov 26;322(20):1966-1976.

Callum JL, Yeh CH, Petrosniak A, McVey MJ, Cope S, Thompson T, Chin V, Karkouti K, Nathens AB, Murto K, Beno S, Pendergrast J, McDonald A, MacDonald R, Adhikari NKJ, Alam A, Arnold D, Barratt L, Beckett A, Brennehan S, Chaudhry HR, Collins A, Harvey M, Lampron J, Margarido C, McFarlan A, Nascimento B, Owens W, Pai M, Rizoli S, Ruijs T, Skeate R, Skelton T, Sholzberg M, Syer K, Viveiros JL, Theriault J, Timmouth A, Van Heest R, White S, Zeller M, Pavenski K. A regional massive hemorrhage protocol developed through a modified Delphi technique. *CMAJ Open*. 2019 Sep 3;7(3):E546-E561.

Heddle NM, Cook RJ, Liu Y, Zeller M, Barty R, Acker JP, Eikelboom J, Arnold DM. The association between blood donor sex and age and transfusions recipient mortality: an exploratory analysis. *Transfusion*. 2019 Feb;59(2):482-491.

Kaufman RM, Dinh A, Cohn CS, Fung MK, Gorlin J, Melanson S, Murphy MF, Ziman A, Elahie AL, Chasse D, Degree L, Dunbar NM, Dzik WH, Flanagan P, Gabert K, Ipe TS, Jackson B, Lane D, Raspollini E, Ray C, Sharon Y, Ellis M, Selleng K, Staves J, Yu P, Zeller M, Yazer M. BEST Collaborative. Electronic patient identification for sample labelling reduces wrong blood in tube errors. *Transfusion*. 2019 Mar;59(3):972-980.

Lin Y, Tilokee E, Chargé S, Alam A, Cserti-Gazdewich C, Lau W, Lee C, Lieberman L, Nixon P, Owens W, Pavenski K, Pendergrast J, Saldenberg E, Shehata N, Skeate R, Yi QL, Conrad D, Dudebont J, Hsia CC, Murphy M, Prokopchuk-Gauk O, Shah A, Solh Z, Trudeau J, Zeller MP, Callum J. Transfusion Camp: a prospective evaluation of a transfusion education program for multispecialty postgraduate trainees. *Transfusion*. 2019 Jun;59(6):2141-2149.

Ning S, Zeller MP. Management of iron deficiency. *Hematology American Society of Hematology Education Program*. 2019 Dec 6;2019(1):315-322.

Ramos JG, Zeller MP. Evidence-Based Minireview: The role of IV iron in management of patients with iron-deficiency anemia presenting to the emergency department. *Hematology American Society of Hematology Education Program*. 2019 Dec 6;2019(1):323-326.

Zeller MP, Kaufman RM. Safeguarding the Patient's Own Blood Supply. *JAMA*. 2019 Mar 12;321(10):943-945.

Zeller MP, Rochweg B, Jamula E, Li N, Hillis C, Acker JP, Runciman RJ, Lane SJ, Ahmed N, Arnold DM, Heddle NM. Sex-mismatched red

## PUBLICATIONS

blood cell transfusions and mortality: A systematic review and meta-analysis. *Vox Sanguinis*; 2019 Jul;114(5):505-516.

### **ZUKOTYNSKI, K**

Fahey F, Christian P, Zukotynski K, Sexton-Stallone B, Kiss C, Clarke B, Onar-Thomas A, Young Poussaint T. "Use of a Qualification Phantom for PET Brain Imaging in a Multicenter Consortium: A Collaboration Between the Pediatric Brain Tumor Consortium and the SNMMI Clinical Trials Network". *Journal of Nuclear Medicine*. 2019 May;60(5):677-682.

Jimenez-Juan L, Ahmed S, Zukotynski K. Cardiac Imaging. In Reilly, RM. (EDS). *Medical Imaging for Health Professionals: Technologies and Clinical Applications (First Edition)*. Wiley, Inc. 2019 Jan;(7)117-145.

Uribe CF, Mathotaarachchi S, Gaudet V, Smith KC, Rosa-Neto P, Benard F, Black S, Zukotynski K. "Machine Learning in Nuclear Medicine: Part 1-Introduction", *Journal of Nuclear Medicine*. 2019 Apr;60(4):451-458.

Zukotynski K, Gaudet V, Kuo P, Adamo S, Goubran M, Scott C, Bocti C, Borrie M, Chertkow H, Frayne R, Hsiung R, Laforce R, Noseworthy MD, Prato FS, Sahlas JD, Smith EE, Sossi V, Thiel A, Soucy JP, Tardif JC, Black SE. "The use of random forests to classify amyloid brain PET". *Clinical Nuclear Medicine*. 2019 Oct;44(10):784-788.