

PUBLICATIONS

BRIGHTER WORLD

ADACHI, J.D.

Davison MJ, Maly MR, Keir PJ, Hapuhennedige SM, Kron AT, Adachi JD, Beattie KA. Lean muscle volume of the thigh has a stronger relationship with muscle power than muscle strength in women with knee osteoarthritis. *Clin Biomech (Bristol, Avon)*. 2017 Jan;41:92-7.

Li G, Thabane L, Papaioannou A, Ioannidis G, Levine MAH, Adachi J. An overview of osteoporosis and frailty in the elderly. *BMC Musculoskeletal Disorders*. 2017 Jan;18:46-50.

Zerbini CAF, Clark P, Mendez-Sanchez L, Pereira RMR, Messina OD, Uña CR, Adachi JD, Lems WF, Cooper C, Lane NE, on behalf of the IOF Chronic Inflammation and Bone Structure (CIBS) Working Group. Biologic therapies and bone loss in rheumatoid arthritis. *Osteoporos Int*. 2017 Feb;28:429-46.

Li G, Mbuagbaw L, Samaan Z, Jin Y, Nwosu I, Levine MA, Adachi JD, Thabane L. State of reporting of primary biomedical research: a scoping review protocol. *BMJ Open*. 2017 Mar 29;7(3):e014749.

Rodrigues, IB, Armstrong, JJ, Adachi, JD, MacDermid JC. Facilitators and barriers to exercise adherence in patients with osteopenia and osteoporosis: a systematic review. *Osteoporos Int*. 2017 Mar 28:735-45.

Li G, Papaioannou A, Thabane L, Levine MA, Ioannidis G, Wong AK, Lau A, Adachi JD. Modifying the phenotypic frailty model in predicting risk of major osteoporotic fracture in the elderly. *J Am Med Dir Assoc*. 2017 May 1;18(5):414-9.

Adachi JD, Bone HG, Daizadeh NS, Dakin P, Papapoulos S, Hadji P, Recknor C, Bolognese MA, Wang A, Lin CJF, Wagman RB, Ferrari S. Influence of subject discontinuation on long-term nonvertebral fracture rate in the denosumab FREEDOM Extension study. *BMC Musculoskeletal Disorders*. 2017;18:174.

Erlandson MC, Wong AK, Szabo E, Vilayphiou N, Zulliger MA, Adachi JD, Cheung AM. Muscle and myotendinous tissue properties at the distal tibia as assessed by high-resolution peripheral quantitative computed tomography. *J Clin Densitom*. 2017 Apr-Jun;20(2):226-32.

Mazzetti G, Berger C, Leslie WD, Hans D, Langsetmo L, Hanley DA, Kovacs CS, Prior JC, Kaiser SM, Davison KS, Josse RG, Papaioannou A, Adachi JD, Goltzman D, Morin SN, for The CaMos Research Group. Densitometer-specific differences in the correlation between body mass index and lumbar spine trabecular bone score. *J Clin Densitom*. 2017 Apr-Jun;20(2):233-8.

Kalani A, Bami H, Tiboni M, Jaeschke R, Adachi JD, Lau A. The effect of bariatric surgery on serum 25-OH vitamin D levels: A systematic review and meta-analysis. *Obes Sci Pract*. 2017 Jun 27;3(3):319-32.

Fraser L-A, Papaioannou A, Adachi JD, Ma J, Thabane L. Corrigendum to "Risk factors for fracture in diabetes: The Canadian Multicentre Osteoporosis Study". *International Scholarly Research Notices*. 2017;2017(368947):1.

Negm AM, Kennedy CC, Thabane L, Veroniki A-A, Adachi JD, Richardson J, Cameron ID, Giangregorio A, Papaioannou A. Management of frailty: a protocol of a network meta-analysis of randomized controlled trials. *Syst Rev*. 2017 Jul 5;6(1):130.

Cooke-Hubley S, Kirby BJ, Valcour JE, Mugford G, Adachi JD, Kovacs CS. Spine bone mineral density increases after 6 months of exclusive lactation, even in women who keep breastfeeding. *Arch Osteoporos*. 2017 Aug 16;12(1):73.

"The Department of Medicine's faculty members consistently achieve extraordinary successes in publishing their work, being cited in the medical field's most prestigious journals.

— Dr. Patrick Deane

Prior JC, Seifert-Klauss VR, Giustini D, Adachi JD, Kalyan S, Goshtasebi A. Estrogen-progestin therapy causes a greater increase in spinal bone mineral density than estrogen therapy—a systematic review and meta-analysis of controlled trials with direct randomization. *J Musculoskelet Neuronal Interact*. 2017 Sep 1;17(3):146-54.

Tran T, Bluci D, van Geel T, Adachi JD, Berger C, van den Bergh J, Eisman JA, Geusens P, Goltzman D, Hanley DA, Josse RG, Kaiser SM, Kovacs CS, Langsetmo L, Prior JC, Nguyen TV, Center JR. Population-wide impact of non-hip non-vertebral fractures on mortality. *J Bone Miner Res*. 2017 Sep;32(9):1802-10.

Ioannidis G, Jantzi M, Bucek J, Adachi JD, Giangregorio L, Hirdes J, Pickard L, Papaioannou A. Development and validation of the Fracture Risk Scale (FRS) that predicts fracture over a 1-year time period in institutionalised frail older people living in Canada: an electronic record linked longitudinal cohort study. *BMJ Open*. 2017 Sept 1;7(9).

Li G, Adachi JD, Cheng J, Thabane L, Hudson M, Fritzler MJ, Lorenzi S, Baron M, Larché M; Canadian Scleroderma Research Group. Relationship between calcium channel blockers and skin fibrosis in patients with systemic sclerosis. *Clin Exp Rheumatol*. 2017 Sep-Oct;35 Suppl 106(4):56-60.

Modi A, Sen S, Adachi JD, Adami S, Cortet B, Cooper A, Geusens P, Mellström D, Weaver JP, Van Den Bergh J, Nguyen AM, Keown P, Sajjan S. Association of gastrointestinal events with quality of life and treatment satisfaction in osteoporosis patients: results from the medication use patterns, treatment satisfaction and inadequate control of osteoporosis study (MUSIC-OS). *Osteoporos Int*. 2017 Oct 28:2867-76.

Brisson NM, Wiebenga EG, Stratford PW, Beattie KA, Totterman S, Tamez-Peña JG, Callaghan JP, Adachi JD, Maly MR. Baseline knee adduction moment interacts with body mass index to predict loss of medial tibial cartilage volume over 2.5 years in knee osteoarthritis. *J Orthop Res*. 2017;35(Nov):2476-83.

Cervinka T, Lynch CL, Giangregorio L, Adachi JD, Papaioannou A, Thabane L, Craven BC. Agreement between fragility fracture risk assessment algorithms as applied to adults with chronic spinal cord injury. *Spinal Cord*. 2017 Nov;55(11):985-93.

McKee H, Beattie K, Lau A, Wong A, Adachi R. Novel imaging modalities in the diagnosis and risk stratification of osteoporosis. *J Orthop Ther*: JORT-167. 2017;2017(8):1-9.

Li G, Abbade LPF, 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 MAH, Adachi JD, Thabane L.

PUBLICATIONS

A scoping review of comparisons between abstracts and full reports in primary biomedical research. *BMC Med Res Methodol.* 2017 Dec 29;17(1):181.

Rodrigues IB, Adachi JD, Beattie KA, Macdermid JC. Development and validation of a new tool to measure the facilitators, barriers and preferences to exercise in people with osteoporosis. *BMC Musculoskeletal Disord.* 2017 Dec 19;18(1):540.

Sprague S, Madden K, Slobogean G, Petrisor B, Adachi JDR, Bogoch E, Kleinlugtenbelt YV, Bhandari M. a missed opportunity in bone health: vitamin d and calcium use in elderly femoral neck fracture patients following arthroplasty. *Geriatr Orthop Surg Rehabil.* 2017 Dec;8(4):215-24.

Litwic AE, Compston J, Wyman A, Siris E, Gehlbach S, Adachi J, Chapurlat R, Diez Perez A, LaCroix A, Nieves J, Netelenbos C, Pfeilschifter J, Rossini M, Roux C, Saag K, Silverman S, Watts N, Greenspan S, March L, Gregson C, Cooper C, Dennison E. Self-perception of fracture risk: what can it tell us? *Osteoporos Int.* 2017 Dec;28(12):3495-500.

AINSWORTH, C.

Wong GC, van Diepen S, Ainsworth C, Arora RC, Diodati JG, Liszkowski M, Love M, Overgaard C, Schnell G, Tanguay J-F, Wells G, Le May M. Canadian Cardiovascular Society/Canadian Cardiovascular Critical Care Society/Canadian Association of Interventional Cardiology Position Statement on the Optimal Care of the Postarrest Patient. *Can J Cardiol.* 2017;33(1):1-16.

AL-NEDAWI, K.

Read J, Ingram A, Al Saleh HA, Platko K, Gabriel K, Kapoor A, Pinthus J, Majeed F, Qureshi T, Al-Nedawi K. Nuclear transportation of exogenous epidermal growth factor receptor and androgen receptor via extracellular vesicles. *Eur J Cancer.* 2017 Jan;70:62-74.

ARNOLD, D.

Arnold DM, Nazy I, Clare R, Jaffer A, Aubie B, Li N, Kelton JG. Misdiagnosis of primary immune thrombocytopenia and frequency of bleeding: lessons from the McMaster ITP Registry. *Blood Adv.* 2017 Nov 28;1(25):2414-20.

Douketis JD, Spyropoulos AC, Andreson 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, Le Gal G, Le Templier G, 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. 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.* 2017 Dec;117(12):2415-24.

Cook R, Heddle N, Lee KA, Arnold DM, Crowther M, Devereaux PJ, Ellis M, Figueroa P, Kurz A, Roxby D, Sessler D, Sharon Y, Sobieraj-Teague M, Warkentin T, Webert KE, Barty RL, Liu Y, Eikelboom J. Red blood cell storage duration and in-hospital mortality: a secondary analysis of the INFORM randomized controlled trial data using time-dependent exposure. *Lancet Hematol.* 2017 Nov; 4(11):e544-e552.

Siu HY, Steward N, Peter J, Cooke L, Arnold DM, Price D. A novel primary-specialist care collaborative demonstration project to improve the access and health care of medically complex patients. *Chronic Illn.* 2017 Sep;13(3):151-70. Epub 2016 Oct 19.

Patriquin C, Clark WF, Pavenski K, Arnold DM, Rock G, Foley SR, Canadian Apheresis Group. How we treat thrombotic thrombocytopenia purpura: Results of a Canadian TTP practice survey. *J Clin Apher.* 2017 Aug;32(4):246-56.

Arnold DM, Lauzier F, Albert M, Williamson D, Li N, Zarychanski R, Doig C, McIntyre L, Freitag A, Crowther M, Saunders L, Clarke F, Bellomo R, Qushmaq I, Lopes RD, Heels-Andsell D, Webert KE, Cook D

for the PROTECT Investigators, the Canadian Critical Care Trials Group and the Australian and New Zealand Intensive Care Society Clinical Trials Group. The association between platelet transfusions and bleeding in critically ill patients with thrombocytopenia. *Res Pract Thromb Haemost.* 2017 Jul;1(1):103-11.

Arnold DM, Vrbensky Jr, Karim N, Smith JW, Liu Y, Ivetic N, Kelton JG, Nazy I. The effect of rituximab on anti-platelet autoantibody levels in patients with immune thrombocytopenia. *Br J Haematol.* 2017 Jul;178(2):302-7.

Warkentin TE, Sheppard JL, Linkins LA, Arnold DM, Nazy I. Performance characteristics of an automated latex immunoturbidimetric assay [Hemosil HIT- Ab (PF4H)] for the diagnosis of immune heparin induced thrombocytopenia. *Thromb Res.* 2017 May;153:108-17.

Barty RL, Pai M, Liu Y, Arnold DM, Cook RJ, Zeller MP, Heddle NM. Group O RBC's: where is universal donor blood being used? *Vox Sang.* 2017 May;112(4):336-42.

Staibano P, Arnold DM, Bowdish DM, Nazy I. The unique immunological features of heparin-induced thrombocytopenia. *Br J Hematol.* 2017 Apr;177(2):198-207.

Delaney M, Wikman A, van de Watering L, Schoneville H, Verdoes JP, Emery SP, Murphy MF, Staves J, Flach S, Arnold DM, Kaufman RM, Ziman A, Harm SK, Fung M, Eppes CS, Dunbar NM, Buser A, Meyer E, Savoia H, Abeysinghe P, Heddle N, Tinmouth A, Traore AN, Yazer MH; BEST Collaborative. Blood group antigen matching influence on gestational outcomes (AMIGO) study. *Transfusion.* 2017 Mar;57(3):525-32.

Winkelhorst D, Murphy MF, Greinacher A, Shehata N, Bakchoul T, Massey E, Baker J, Lieberman L, Tanael D, Hume H, Arnold DM, Baidya S, Bertrand G, Bussel J, Kjaer M, Kaplan C, Kjeldsen-Kragh J, Oepkes D, Ryan G. Anenatal management in fetal neonatal alloimmune thrombocytopenia: a systematic review. *Blood.* 2017 Mar;129(11):1538-47.

Zeller MP, Arnold DM, Al Habsi K, Cserti-Gazdewich C, Delage G, Lebrun A, Heddle NM. Paroxysmal cold hemoglobinuria: A difficult diagnosis in adult patients. *Transfusion.* 2017 Jan;57(1):137-43.

BARR, R.

Barr R, Bleyer A. New horizons on the landscape of AYA oncology. *Pediatr Blood Cancer.* 2017 Sep;64:e26291.

Bleyer A, Ries L, Ferrari A, Whelan J, Barr RD. Global assessment of cancer incidence and survival in adolescents and young adults. *Pediatr Blood Cancer.* 2017;64:e26497.

Denburg A, Arora B, Arora RS, Auste C, Bagai P, Barr R, Challinor J, Eden T, Grynzspancholc E, Hoffman R, Link M. Access to essential medicines for children with cancer: A joint SIOP-CCI position statement. *Lancet Oncol.* 2017;18:20-2.

Ferrari A, Barr RD. International evolution in AYA oncology: Current status and future expectations. *Pediatr Blood Cancer.* 2017;64:e26528.

Nayiager T, Barr RD, Anderson L, Cranston A, Hay J. Physical activity in long term survivors of acute lymphoblastic leukemia in childhood and adolescence: a cross-sectional cohort study. *J Pediatr Hematol Oncol.* 2017;39:15-9.

Book

Cancer in Adolescents and Young Adults (second edition) (Bleyer WA, Barr RD, Ries LAG, Ferrari A, Whelan J, Eds). Cham, Springer, 2017.

Book Chapters

Barr R, Ries L, Ferrari A, Whelan J, Bleyer A. Adolescent and young adult oncology: Historical and global perspectives. In: Cancer in Adolescents and Young Adults (second edition) (Bleyer WA, Barr RD, Ries LAG, Ferrari A, Whelan J, Eds.). Cham, Springer, pp. 1-6, 2017.

Tricoli JV, Bleyer A, Anninga J, Barr RD. The biology of AYA cancers. In: Cancer in Adolescents and Young Adults (second edition) (Bleyer WA, Barr RD, Ries LAG, Ferrari A, Whelan J, Eds.). Cham, Springer, pp. 43-67, 2017.

Hay A, Fern L, Meyer R, Siebel N, Barr R. Clinical trials. In: Cancer in Adolescents and Young Adults (second edition). (Bleyer WA, Barr RD, Ries LAG, Ferrari A, Whelan J, Eds.). Cham, Springer, pp. 549-64, 2017.

Freyer DR, Wilder Smith A, Wolfson JA, Barr RD. Making ends meet: Financial issues from the perspectives of patients and their health care team. In: Cancer in Adolescents and Young Adults (second edition). (Bleyer WA, Barr RD, Ries LAG, Ferrari A, Whelan J, Eds.). Cham, Springer, pp. 667-86, 2017.

Barr RD, Ries L, Ferrari A, Whelan J, Bleyer A. Conclusions, perspectives and future considerations. In: Cancer in Adolescents and Young Adults (second edition). (Bleyer WA, Barr RD, Ries LAG, Ferrari A, Whelan J, Eds.). Cham, Springer, pp. 819-25, 2017.

BATES, S.

Rodger MA, Le Gal G, Anderson DR, Schmidt J, Pernod G, Kahn SR, Righini M, Mismetti P, Kearon C, Meyer G, Elias A, Ramsay T, Ortel TL, Huisman MV, Kovacs MJ for the REVERSE II Study Investigators. Validating the HERDOO2 rule to guide treatment duration for women with unprovoked venous thrombosis: multinational prospective cohort management study. *BMJ*. 2017;356:j1065.

James AH, Bates SM, Bauer KA, Branch W, Mann K, Paidas M, Silverman N, Konkle BA. Management of hereditary antithrombin deficiency in pregnancy. *Thromb Res*. 2017;157:41-5.

Takach Lapner S, Julian JA, Linkins L-A, Bates SM, Kearon C. Comparison of clinical probability-adjusted D-dimer and age-adjusted D-dimer interpretation to exclude venous thromboembolism. *Thromb Haemost*. 2017;117:1937-43.

Boonywat K, O'Brien SH, Bates SM. How we treat heavy menstrual bleeding associated with anticoagulants. *Blood*. 2017;130:2603-9.

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, Le Gal G, Le Templier G, 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. 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*. 2017 Dec;117(12):2415-24.

BEAUCHAMP, M.

Beauchamp MK, Brooks D, Ellerton C, Lee A, Alison J, Camp PG, Dechman G, Haines K, Harrison SL, Holland AE, Marques A, Moineddin R, Skinner EH, Spencer L, Stickland MK, Xie F, Goldstein RS. Pulmonary Rehabilitation With Balance Training for Fall Reduction in Chronic Obstructive Pulmonary Disease: Protocol for a Randomized Controlled Trial. *JMIR Res Protoc*. 2017 Nov 20;6(11):e228.

Lee AL, Beauchamp MK, Goldstein RS, Brooks D. Clinical and Physiological Effects of Rollators in Individuals With Chronic Obstructive Pulmonary Disease: A SYSTEMATIC REVIEW. *J Cardiopulm Rehabil Prev*. Epub 2017 Nov 8.

Beauchamp MK, Lee A, Ward RF, Harrison SM, Bain PA, Goldstein RS, Brooks D, Bean JF, Jette AM. Do Exercise Interventions Improve Participation in Life Roles in Older Adults? A Systematic Review and Meta-Analysis. *Phys Ther*. 2017 Oct;97(10):964-74.

Sibley KM, Beauchamp MK, Van Ooteghem K, Paterson M, Wittmeier KD. Components of Standing Postural Control Evaluated in Pediatric Balance Measures: A Scoping Review. *Arch Phys Med Rehabil*. 2017 Oct;98(10):2066-2078.e4. Epub 2017 Apr 22.

BELLEY-COTE, E.

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. *Can J Cardiol*. Epub 2017 Sep 18.

Shehata N, Whitlock R, Fergusson DA, Thorpe KE, MacAdams C, Grocott HP, Rubens F, Fremes S, Lellouche F, Bagshaw S, Royse A, Rosseel PM, Hare G, Medicis E, Hudson C, Belley-Côte E, Bainbridge D, Kent B, Shaw A, Byrne K, Syed S, Royse CF, McGuinness S, Hall J, Mazer CD. Transfusion Requirements in Cardiac Surgery III (TRICS III): Study Design of a Randomized Controlled Trial. *J Cardiothorac Vasc Anesth*. Epub 2017 Nov 3.

Spence J, Belley-Côté E, Devereaux PJ, Whitlock R, Um K, McClure G, Lamy A, LeManach Y, Connolly S, Syed S. Benzodiazepine administration during adult cardiac surgery: a survey of current practice among Canadian anesthesiologists working in academic centres. *Can J Anaesth*. Epub 2017 Dec 18.

Alhazzani W, Alshamsi F, Belley-Côte E, Heels-Ansdell D, Brignardello-Petersen R, Alquraini M, Perner A, Möller MH, Krag M, Almenawer S, Rochwerg B, Dionne J, Jaeschke R, Alshahrani M, Deane A, Perri D, Thebane L, Al-Omari A, Finfer S, Cook D, Guyatt G. Correction to: Efficacy and safety of stress ulcer prophylaxis in critically ill patients: a network meta-analysis of randomized trials. *Intensive Care Med*. Epub 2017 Dec 11.

Nath S, Koziarz A, Badhiwala JH, Alhazzani W, Jaeschke R, Sharma S, Banfield L, Shoamanesh A, Singh S, Nassiri F, Oczkowski W, Belley-Côté E, Truant R, Reddy K, Meade MO, Farrokhyar F, Bala MM, Alshamsi F, Krag M, Etxeandia-Ikobaltzeta I, Kunz R, Nishida O, Matouk C, Selim M, Rhodes A, Hawryluk G, Almenawer SA. Atraumatic versus conventional lumbar puncture needles: a systematic review and meta-analysis. *Lancet*. Epub 2017 Dec 6.

McClure GR, Belley-Côté EP, Dvirnik N, An K, Fortin G, Jaffer I, Spence J, Healey J, Singal RK, Whitlock RP; Surgical Atrial Fibrillation Ablation: a Systematic Review and Meta-analysis of Randomized Controlled Trials Europace. Epub 2017 Nov 27.

Alsagheir A, Belley-Côté EP, Whitlock RP. Regional Cerebral Oxygen Saturation Level in Left Ventricular Assist Device Surgery: Is This the Crystal Ball? *J Cardiothorac Vasc Anesth*. Epub 2017 Oct 14.

Hylands M, Toma A, Beaudoin N, Frenette AJ, D'Aragon F, Belley-Côté É, Charbonney E, Möller MH, Laake JH, Vandvik PO, Siemieniuk RA, Rochwerg B, Lauzier F, Green RS, Ball I, Scales D, Murthy S, Kwong JSW, Guyatt G, Rizoli S, Asfar P, Lamontagne F. Early vasopressor use following traumatic injury: a systematic review. *BMJ Open*. 2017 Nov 17;7(11):e017559.

Mazer CD, Whitlock RP, Fergusson DA, Hall J, Belley-Côte E, Connolly K, Khanykin B, Gregory AJ, de Médicis É, McGuinness S, Royse A, Carrier FM, Young PJ, Villar JC, Grocott HP, Seeberger MD, Fremes S, Lellouche F, Syed S, Byrne K, Bagshaw SM, Hwang NC, Mehta C, Painter TW, Royse C, Verma S, Hare GMT, Cohen A, Thorpe KE, Jüni P, Shehata N; TRICS Investigators and Perioperative Anesthesia Clinical Trials Group. Restrictive or Liberal Red-Cell Transfusion for Cardiac Surgery. *N Engl J Med*. Epub 2017 Nov 12.

Randhawa VK, Banks L, Rayner-Hartley E, McIntyre WF, Belley-Côté E, Rampersad P, Graham MM. Canadian Women in Cardiovascular Medicine and Science: Moving Toward Parity. *Canadian Journal of Cardiology*. 2017;33(11):1339-41.

Lauzier F, Adhikari NK, Seely A, Koo KKY, Belley-Côté EP, Burns KEA, Cook DJ, D'Aragon F, Rochwerg B, Kho ME, Oczkowksi SJW, Duan EH, Meade MO, Day AG, Lamontagne F; for ACCADEMY (Academy of Critical Care – Development, Evaluation, and Methodology). Protocol adherence for continuously titrated interventions in randomized trials: an overview of the current methodology and case study. *BMC Med Res Methodol*. 2017 Jul 17;17(1):106.

PUBLICATIONS

- Rochwerg B, Oczkowski S, Siemieniuk RA, Menon K, Szczeklik W, English S, Agoritsas T, Belley-Cote E, D'Aragon F, Alhazzani W, Duan E, Gossack-Keenan K, Sevransky J, Vandvik P, Venkatesh B, Guyatt G, Annane D. Corticosteroids in sepsis: an updated systematic review and meta-analysis (protocol). *BMJ Open*. 2017 Jun 30;7(6):e016847.
- D'Aragon F, Belley-Cote E, Agarwal A, Frenette AJ, Lamontagne F, Guyatt G, Dhanani S, Meade MO. Effect of corticosteroid administration on neurologically deceased organ donors and transplant recipients: a systematic review and meta-analysis. *BMJ Open*. 2017 Jun 30;7(6):e014436.
- Spence J, Belley-Côté E, Ma HK, Donald S, Centofanti J, Hussain S, Gupta S, Devereaux PJ, Whitlock R. Efficacy and safety of inhaled anaesthetic for postoperative sedation during mechanical ventilation in adult cardiac surgery patients: a systematic review and meta-analysis. *Br J Anaesth*. 2017 May 1;118(5):658-69.
- Hylands M, Moller MH, Asfar P, Toma A, Frenette AJ, Beaudoin N, Belley-Côté É, D'Aragon F, Laake JH, Siemieniuk RA, Charbonney E, Lauzier F, Kwong J, Rochwerg B, Vandvik PO, Guyatt G, Lamontagne F. A systematic review of vasopressor blood pressure targets in critically ill adults with hypotension. *Can J Anaesth*. 2017 Jul;64(7):703-15. Epub 2017 May 11.
- Dokainish H, Teo K, Zhu J, Roy A, AlHabib KF, ElSayed A, Palileo-Villaneuva L, Lopez-Jaramillo P, Karaye K, Yusoff K, Orlandini A, Sliwa K, Mondo C, Lanas F, Prabhakaran D, Badr A, Elmaghawry M, Damasceno A, Tibazarwa K, Belley-Cote E, Balasubramanian K, Islam S, Yacoub MH, Huffman MD, Harkness K, Grinvalds A, McKelvie R, Bangdiwala SI, Yusuf S; INTER-CHF Investigators. Global mortality variations in patients with heart failure: results from the International Congestive Heart Failure (INTER-CHF) prospective cohort study. *Lancet Glob Health*. 2017 Jul;5(7):e665-e672. Epub 2017 May 3.
- Hylands M, Godbout MP, Mayer SK, Fraser WD, Vanasse A, Leclair MA, Turgeon AF, Lauzier F, Charbonney E, Trottier V, Razek TS, Roy A, D'Aragon F, Belley-Côté E, Day AG, Le Guillan S, Sabbagh R, Lamontagne F. Vasopressor use following traumatic injury - A single center retrospective study. *PLoS One*. 2017 Apr 27;12(4):e0176587.
- Nath S, Badhiwala JH, Alhazzani W, Nassiri F, Belley-Cote E, Koziarz A, Shoamanesh A, Banfield L, Oczkowski W, Sharma M, Sahlas Reddy K, Farrokhyar F, Singh S, Sharma S, Zytaruk N, Selim M, Almenawer SA. Atraumatic versus traumatic lumbar puncture needles: a systematic review and meta-analysis protocol. *BMJ Open*. 2017 Mar 31;7(3):e014478.
- Wang JG, Belley-Côté E, Burry L, Duffett M, Karachi T, Perri D, Alhazzani W, D'Aragon F, Wunsch H, Rochwerg B. Clonidine for sedation in the critically ill: a systematic review and meta-analysis. *Crit Care*. 2017 Feb 25;21(1):75.
- Alquraini M, Alshamsi F, Möller MH, Belley-Cote E, Almenawer S, Jaeschke R, MacLaren R, Alhazzani W. Sucralfate versus histamine 2 receptor antagonists for stress ulcer prophylaxis in adult critically ill patients: A meta-analysis and trial sequential analysis of randomized trials. *J Crit Care*. 2017 Mar 8;40:21-30.
- Hylands M, Toma A, Beaudoin N, Frenette AJ, D'Aragon F, Belley-Côté E, Hylander M, Lauzier F, Siemieniuk RA, Charbonney E, Kwong J, Laake JH, Guyatt G, Vandvik PO, Rochwerg B, Green R, Ball I, Scales D, Murthy S, Rizoli S, Asfar P, Lamontagne F. Vasopressor use following traumatic injury: protocol for a systematic review. *BMJ Open*. 2017 Feb 28;7(2):e014166.
- Hanif H, Belley-Cote EP, Alotaibi A, Dvirnik N, Neupane B, Beyene J, Eikelboom JW, Holmes D, Whitlock RP. Left atrial appendage occlusion for stroke prevention in patients with atrial fibrillation: a systematic review and network meta-analysis of randomized controlled trials. *J Cardiovasc Surg (Torino)*. Epub 2017 Feb 17.
- Al Otaibi A, Gupta S, Belley-Cote EP, Alsagheir A, Spence J, Parry D, Whitlock RP. Mini-thoracotomy vs. conventional sternotomy mitral valve surgery: a systematic review and meta-analysis. *J Cardiovasc Surg (Torino)*. 2017 Jun;58(3):489-96.

Roshanov PS, Rochwerg B, Patel A, Salehian O, Duceppe E, Belley-Côté EP, Guyatt GH, Sessler DI, Le Manach Y, Borges FK, Tandon V, Worster A, Thompson A, Koshy M, Devereaux B, Spencer FA, Sanders RD, Sloan EN, Morley EE, Paul J, Raymer KE, Punthakee Z, Devereaux PJ. Withholding versus Continuing Angiotensin-converting Enzyme Inhibitors or Angiotensin II Receptor Blockers before Noncardiac Surgery: An Analysis of the Vascular events in noncardiac Surgery patients cOhort evaluatioN Prospective Cohort. *Anesthesiology*. 2017 Jan;126(1):16-27.

BHAGIRATH, V.

Kruger PC, Robinson MA, Xu K, Siegal DM, Eikelboom JW, Bhagirath VC. Assessing renal function in patients receiving DOACs: Cockcroft-Gault versus estimated glomerular filtration rate. *Thromb Res*. 2017;157:165-6.

Monagle S, Eikelboom JW, Ng KH, Bhagirath VC. Clinical implications of reversal agents for direct oral anticoagulants. *Future Cardiol*. 2017;13(2):153-9.

Bhagirath VC, Eikelboom JW, Hirsh J, Coppens M, Ginsberg J, Vanassche T, Yuan F, Chan N, Yusuf S, Connolly SJ. Apixaban-Calibrated Anti-FXa Activity in Relation to Outcome Events and Clinical Characteristics in Patients with Atrial Fibrillation: Results from the AVERROES Trial. *TH Open*. 2017;01(02):e139-e145.

BORGIA, S.

Jacobson IM, Lawitz E, Gane EJ, Willems BE, Ruane PJ, Nahass RG, Borgia SM, Shafran SD, Workowski KA, Pearlman B, Hyland RH, Stamm LM, Svarovskia E, Dvory-Sobol H, Zhu Y, Subramanian GM, Brainard DM, McHutchison JG, Bräu N, Berg T, Agarwal K, Bhandari BR, Davis M, Feld JJ, Dore GJ, Stedman CAM, Thompson AJ, Asselah T, Roberts SK, Foster GR. Efficacy of 8 Weeks of Sofosbuvir, Velpatasvir, and Voxilaprevir in Patients With Chronic HCV Infection: 2 Phase 3 Randomized Trials. *Gastroenterology*. 2017 Jul;153(1):113-22.

Feld JJ, Ramji A, Shafran SD, Willems B, Marotta P, Huchet E, Vachon ML, Svarovskia ES, Huang KC, Hyland RH, Yun C, Massetto B, Brainard DM, McHutchison JG, Tam E, Bailey R, Cooper C, Yoshida EM, Greenbloom S, Elkhashab M, Borgia S, Swain MG.

Ledipasvir-Sofosbuvir Plus Ribavirin in Treatment-Naïve Patients With Hepatitis C Virus Genotype 3 Infection: An Open-Label Study. *Clin Infect Dis*. 2017 Jul 1;65(1):13-9.

BRAGA, M.

Saeed O, Braga M. A 68-year-old man with an incidentally discovered pituitary lesion. *CMAJ*. 2017 Apr 24;189(16):E605–E607.

CATANESE, L.

Catanese L, Shoamanesh A. Identifying the Right Mentor. *Stroke*. 2017 Sep;48(9):e248-e251.

Catanese L, Tarsia J and Fisher M. Acute Ischemic Stroke Therapy Overview. *Circ Res*. 2017;120:541-58.

Shoamanesh A, Pearce L, Bazan C, Catanese L, McClure Leslie, Sharma M, Martí-Fabregas J, Kase C, Hart R, Benavente O. Cerebral Microbleeds in the Secondary Prevention of Small Subcortical Strokes (SPS3) Trial: Stroke recurrence, Mortality and Treatment Interactions. *Ann Neurol*. 2017 Aug; 82(2):196-207.

Hart RG, Catanese L, Ntaios G, Connolly S. Embolic Stroke of Undetermined Source: Systematic Review and Clinical Update. *Stroke*. 2017 Apr; 48(4):867-72.

CHAN, T.

Li SA, Sherbino J, Chan TM. McMaster Modular Assessment Program (McMAP) through the years: Residents' experience with an evolving feedback culture over a 3-year period. *AEM Educ Train*. 2017;1(1):5-14.

- Gottlieb M, Wagner E, Wagner A, Chan TM. Applying Design Thinking Principles to Curricular Development in Medical Education. *AEM Educ Train.* 2017;1(1):21-6.
- Chan TM, Baw B, McConnell M, Kulasegaram K. Making the McMOST out of Milestones and Objectives: Re-imagining standard setting using the McMaster Milestones and Objectives Stratification Technique. *AEM Educ Train.* 2017;1(1):48-54.
- Schiff K, Williams DJ, Pardhan A, Preyra I, Li S, Chan TM. Resident Development via Progress Testing and Test-Marking: An Innovation and Program Evaluation. *Cureus.* 9(1):e992.
- Sidalak D, Purdy E, Luckett-Gatopoulos S, Thoma B, Chan TM. Coached Peer Review: Developing the Next Generation of Authors and Reviewers. *Acad Med.* 2017;92(2):201-4.
- Yarris L, Simpson D, Ilgen JS, Chan TM. Team-Based Coaching Approach to Peer Review: Sharing Service and Scholarship. *J Grad Med Educ.* 2017;9(1):127-8.
- Colmers-Gray I, Walsh K, Chan TM. Assessment of emergency medicine residents: A systematic review. *Can Med Educ J.* 2017;8(1):e106-122.
- Choi W, Dyens O, Chan T, Schijven M, Lajoie S, Mancini ME, Dev P, Fellander-Tsai L, Ferland M, Kato P, Lau J, Montonaro M, Pineau J, Aggarwal R. Engagement and learning in simulation: recommendations of the Simnovate Engaged Learning Domain Group. *BMJ Simulation and Technology-Enhanced Learning.* 2017 Mar 1;3(Suppl 1):S23-32.
- Morrison L, Cassidy L, Welsford M, Chan TM. Clinical Performance Feedback to Paramedics: What They Receive and What They Need. *AEM Educ Train.* 2017;1(2):87-97.
- Boysen-Osborn M, Gottlieb M, Chan TM, Krzyzaniak S, Pineda N, Spector J, Sherbino J. Academic Primer Series: Eight Key Papers about Education Theory. *West J Emerg Med.* 2017;18(2):293-302.
- Gottlieb M, Grossman C, Rose E, Sanderson W, Ankel F, Swaminathan A, Chan TM. Academic Primer Series: Five Key Papers about Team Collaboration. *West J Emerg Med.* 2017;18(2):303-10.
- Chan TM, Gottlieb M, Quinn A, London K, Conlon LW, Ankel F. Academic Primer Series: Key Papers for Consulting Clinician Educators. *West J Emerg Med.* 2017 Feb;18(2):311-7.
- Thoma B, Paddock M, Purdy E, Sherbino J, Milne WK, Siemens M, Petrusa E, Chan TM. Leveraging a virtual community of practice to participate in a survey-based study: A description of the METRIQ Study methodology. *AEM Educ Train.* 2017;1(2):110-3.
- Krishnan K, Thoma B, Trueger NS, Lin M, Chan TM on behalf of the FOAM Rating Project Collaborators. Gestalt assessment of online educational resources may not be sufficiently reliable and consistent. *Perspect Med Educ.* 2017;6(2):91-8.
- Lin M, Joshi N, Hayes BD, Chan TM. Accelerating Knowledge Translation: Reflections from the Online ALiEM-Annals Global Emergency Medicine Journal Club Experience. *Ann Emerg Med.* 2017 Apr;69(4):469-74.
- Thoma B, Gottlieb M, Boysen-Osborn M, King A, Quinn A, Krzyzaniak S, Pineda N, Yarris LM, Chan T. Curated Collections for Educators: Five Key Papers about Program Evaluation. *Cureus.* 2017 May 4;9(5):e1224.
- Chan TM, Thoma B, Hall AK, Murnaghan A, Ting DK, Hagel C, Weersink K, Camorlinga P, McEwan J, Bhanji F, Sherbino J. CAEP 2016 Academic Symposium: A Writer's Guide to Key Steps in Producing Quality Education Scholarship. *CJEM.* 2017;19:S1:S9-15.
- Gottlieb M, Chan TM, Fredette J, Messman A, Robinson DW, Cooney R, Boysen-Osborn M, Sherbino J. Academic Primer Series: Five Key Papers about Study Designs in Medical Education. *West J Emerg Med.* 2017;18(4):705-12.
- Cooney R, Chan TM, Gottlieb M, Abraham M, Alden S, Mongelluzzo J, Pasirstein M, Sherbino J. Academic Primer Series: Key Papers about Competency-Based Medical Education. *West J Emerg Med.* 2017;18(4):713-20.
- Yarris LM, Gottlieb M, Scott K, Sampson C, Rose E, Chan TM, Ilgen J. Academic Primer Series: Key Papers about Peer Review. *West J Emerg Med.* 2017;18(4):721-8.
- Boysen-Osborn M, Gottlieb M, Chan TM, Brown A, King A, Tobias A, Thoma B. Academic Primer Series: Key Papers about Teaching with Technology. *West J Emerg Med.* 2017;18(4):729-36.
- Gottlieb M, Chan TM, Sherbino J, Yarris LM. Multiple Wins: Embracing Technology to Increase Efficiency and Maximize Efforts. *AEM Educ Train.* 2017;1(3):185-90.
- Thoma B, Sebok-Syer S, Krishnan K, Siemens M, Trueger NS, Colmers-Gray I, Woods R, Petrusa E, Chan T. Individual Gestalt Is Unreliable for the Evaluation of Quality in Medical Education Blogs: A METRIQ Study. *Ann Emerg Med.* 2017;70(3):394-401.
- Mondoux S, Chan TM, Ankel F, Sklar D. Teaching Quality Improvement in Emergency Medicine Training Programs: A Review of Best Practices. *AEM Educ Train.* 2017;1(4):301-9.
- Chan W, Salib M, Li SA, Chan TM, You J, McBride M, Panju M. Internal medicine nurse shadowing program. *Journal of Interprofessional Education & Practice.* 2017 Dec;9:12-6.
- Shappell E, Chan T, Thoma B, Trueger NS, Stuntz B, Cooney R, Ahn J. Crowdsource Curriculum Development for Online Medical Education. *Cureus.* 2017;9(12):e1925.
- Chin A, Helman A, Chan T. Podcast Use in Undergraduate Medical Education. *Cureus.* 2017;9(12):e1930.
- Gerds A, Chan T. Social Media in Hematology in 2017: Dystopia, Utopia, or Somewhere In-between? *Curr Hematol Malig Rep.* 2017;12(6):582-91.
- Chan TM, Van Deward K, Sherbino J, Schwartz A, Norman G, Lineberry M. Failure to Flow: An exploration of learning and teaching in busy, multi-patient environments using an interpretive description method. *Perspect Med Educ.* 2017;6:380-7.
- Chan TM, Sherbino J, Mercuri M. Nuance and Noise: Lessons learned from longitudinal, aggregated assessment data. *J Grad Med Educ.* 2017;9(6):724-9.
- Sebok-Syer S, Klinger DA, Sherbino J, Chan TM. Mixed Messages or Miscommunication? Investigating the Relationship Between Assessors' Workplace-Based Assessment Scores and Written Comments. *Acad Med.* 2017;92(12):1774-9.

Books

Medical Education in Cases: Volume 3 (1st Edition). Digital File. (Chan TM, McColl T, Luckett-Gatopoulos S, Purdy E, Eicken J, Thoma B, Eds). San Francisco, CA: Academic Life in Emergency Medicine. ISBN: 978-0-9907948-9-9, 2017.

Education Theory Made Practical: Volume 1 (1st Edition). Digital File. (Chan TM, Gottlieb M, Sherbino J, Boysen-Osborn M, Papanagnou D, Yarris LM, Eds). San Francisco, CA: Academic Life in Emergency Medicine. ISBN: 978-0-9992825-0-2, 2017.

CLARK, D.

Clark DA, Dmetrichuk JM, McCready E, Dhesy-Thind S, Arredondo JL. Changes in expression of the CD200 tolerance-signaling molecule and its receptor (CD200R) by villus trophoblasts during first trimester missed abortion and in chronic histiocytic intervillositis. *Am J Reprod Immunol.* 2017; Jul;78(1). Epub 2017 Mar 22.

CONEN, D.

Wong JA, Rexrode KM, Sandhu RK, Moorthy MV, Conen D, Albert CM.

PUBLICATIONS

- Menopausal age, postmenopausal hormone therapy and incident atrial fibrillation. *Heart.* 2017;103:1954-61.
- Marti-Soler H, Pommier C, Bochud M, Guessous I, Ponte B, Pruijm M, Ackermann D, Forni Ogna V, Paccaud F, Burnier M, Pechère-Bertschi A; Swiss Survey on Salt Group, Devuyst O, Marques-Vidal P. [Conen D: Contributor, member of the Swiss Survey on Salt Group]. Seasonality of sodium and potassium consumption in Switzerland. Data from three cross-sectional, population-based studies. *Nutr Metab Cardiovasc Dis.* 2017;27:792-8.
- Wain LV, Vaez A, Jansen R, Joehanes R, van der Most PJ, Erzurumluoglu AM, O'Reilly P, Cabrera CP, Warren HR, Rose LM, et al. Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets from Blood and the Kidney. *Hypertension.* Epub 2017 Jul 24.
- Weng LC, Lunetta K, Müller-Nurasyid M, Smith AV, Thériault S, Week PE, Barnard J, Bis JC, Lyttikäinen LP, Kleber ME, et al. Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. *Scientific Reports.* 2017;7:11303.
- Kofler T, Thériault S, Bossard M, Aeschbacher S, Bernet S, Krisai P, Blum S, Risch M, Risch L, Albert CM, Paré G, Conen D. Relationships of measured and genetically determined height with the cardiac conduction system in healthy adults. *Circ Arrhythm and Electrophysiol.* 2017;10:e004735.
- Wong JA, Rexrode KM, Sandhu RK, Conen D, Albert CM. Number of Pregnancies and Atrial Fibrillation Risk: The Women's Health Study. *Circulation.* 2017;135:622-4.
- Bossard M, Thériault S, Aeschbacher S, Schoen T, Kunz S, Estis J, Todd J, Risch M, Mueller C, Risch L, Paré G, Conen D. Factors independently associated with cardiac troponin I levels in young and healthy adults from the general population. *Clin Res Cardiol.* 2017;106:96-104.
- Aeschbacher S, Schoen T, Doerig L, Kreuzmann R, Neuhauser C, Schmidt-Trucksäss A, Probst-Hensch NM, Risch M, Risch L, Conen D. Heart rate, heart rate variability and inflammatory biomarkers among young and healthy adults. *Ann Med.* 2017;49:32-41.
- Wachter R, Gröschel K, Gelbrich G, Hamann GF, Kerner P, Liman J, Seegers J, Wasser K, Schulte A, Jürries F, Messerschmid A, Behnke N, Gröschel S, Uphaus T, Grings A, Ibis T, Klimpe S, Wagner-Heck M, Arnold M, Protsenko E, Heuschmann P, Conen D, Weber-Krüger M, for the Find-AF(RANDOMISED) Investigators and Coordinators. Holter-electrocardiogram-monitoring in patients with acute ischaemic stroke (Find-AFRANDOMISED): an open-label randomised controlled trial. *Lancet Neurol.* 2017;16:282-90.
- Warren HR, Evangelou E, Cabrera CP, Gao H, Ren M, Mifsud B, Ntalla I, Surendran P, Liu C, Cook JP, et al. Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nat Genet.* 2017 Mar;49(3):403-15.
- Zimny M, Blum S, Ammann P, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Vogt C, Tabord A, Kühne M, Sticherling C, Osswald S, Conen D. Uptake of non vitamin-K antagonist oral anticoagulants in patients with atrial fibrillation - A prospective cohort study. *Swiss Med Wkly.* 2017;147:w14410.
- Glatz N, Chappuis A, Conen D, Erne P, Péchère-Bertschi A, Guessous I, Forni V, Gabutti L, Muggli F, Gallino A, Hayoz D, Binet I, Suter P, Paccaud F, Bochud M, Burnier M. Associations of sodium, potassium and protein intake with blood pressure and hypertension in Switzerland. *Swiss Med Wkly.* 2017;147:w14411.
- Bossard M, Knecht S, Aeschbacher S, Buechel R, Hochgruber T, Zimmermann A, Kessel-Schaefer A, Stephan FP, Völlmin G, Pradella M, Sticherling C, Osswald S, Kaufmann B, Conen D, Kühne M. Conventional Versus 3D-Echocardiography to Predict Arrhythmia Recurrence After Atrial Fibrillation Ablation. *J Cardiovasc Electrophysiol.* 2017;28:651-8.
- Fischer A, Bossard M, Aeschbacher S, Egli P, Cordewener C, Estis J, Todd J, Risch M, Risch L, Conen D. Plasma levels of endothelin-1 and renal function among young and healthy adults. *Clin Chem Lab Med.* 2017;55:1202-8.
- Schoen T, Aeschbacher S, Leuppi J, Miedinger D, Werthmueller U, Estis J, Todd J, Risch M, Risch L, Conen D. Subclinical sleep apnoea and plasma levels of endothelin-1 among young and healthy adults. *Open Heart.* 2017;4:e000523.
- Christophersen IE, Rienstra M, Roselli C, Yin X, Geelhoed B, Barnard J, Lin H, Arking DE, Smith AV, Albert CM, et al. Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nat Genet.* 2017;49:946-52.
- Freedman B, Camm J, Calkins H, Healey JS, Rosenqvist M, Wang J, Albert CM, Anderson CS, Antoniou S, Benjamin EJ, et al. Screening for Atrial Fibrillation: A Report of the AF-SCREEN International Collaboration. *Circulation.* 2017;135:1851-67.
- Lopes RD, Alings M, Connolly SJ, Beresh H, Granger CB, Mazuecos JB, Boriani G, Nielsen JC, Conen D, Hohnloser SH, Mairesse GH, Mabo P, Camm AJ, Healey JS. Rationale and design of the Apixaban for the reduction of thrombo-embolism in patients with Device-Detected Sub-Clinical Atrial Fibrillation (ARTESiA) trial. *Am Heart J.* 2017;189:137-45.
- Blum S, Muff C, Aeschbacher S, Ammann P, Erne P, Moschovitis G, Di Valentino M, Shah D, Schläpfer J, Fischer A, Merkel T, Kühne M, Sticherling C, Osswald S, Conen D. Prospective assessment of sex-related differences in symptom status and health perception among patients with atrial fibrillation. *J Am Heart Assoc.* 2017;6:e005401.
- Krisai P, Aeschbacher S, Ruperti Repilado FJ, Schoen T, Reusser A, Meier M, Todd J, Estis J, Risch M, Risch L, Conen D. Healthy lifestyle and glucagon-like peptide-1 in young and healthy adults: A population-based study. *Prev Med.* 2017;101:72-6.
- Johnson LSB, Salonen M, Kajantie E, Conen D, Healey JS, Osmond C, Eriksson JG. Early life risk factors for incident atrial fibrillation in the Helsinki Birth Cohort study. *J Am Heart Assoc.* 2017;6:e006036.
- Chatterjee NA, Chae CU, Kim E, Moorthy MV, Conen D, Sandhu RK, Cook NR, Lee IM, Albert CM. Modifiable Risk Factors for Incident Heart Failure in Atrial Fibrillation. *JACC Heart Fail.* 2017;5:552-60.
- Krivoshei L, Weber S, Burkard T, Maseli A, Brasier N, Kühne M, Conen D, Huebner T, Seeck A, Eckstein J. Smart-Detection of atrial fibrillation. *Europace.* 2017;19:753-7.
- von Rotz M, Aeschbacher S, Bossard M, Schoen T, Blum S, Schneider S, Estis J, Todd J, Risch M, Risch L, Conen D. Risk factors for premature ventricular contractions in young and healthy adults. *Heart.* 2017;103:702-7.
- Maseli A, Aeschbacher S, Schoen T, Fischer A, Jung M, Risch M, Risch L, Conen D. Healthy lifestyle and blood pressure variability in young adults. *Am J Hypertens.* 2017;30:690-9.
- Zbinden R, von Felten S, Wein B, Tueller D, Kurz DJ, Reho I, Galatius S, Alber H, Conen D, Pfisterer M, Kaiser C, Eberli FR. Impact of stent diameter and length on in-stent restenosis after DES vs BMS implantation in patients needing large coronary stents-A clinical and health-economic evaluation. *Cardiovasc Ther.* 2017;35:19-25.
- Conen D, Rodondi N, Mueller A, Beer J, Auricchio A, Ammann P, Hayoz D, Kobza R, Moschovitis G, Shah D, Schlaepfer J, Novak J, di Valentino M, Erne P, Sticherling C, Bonati L, Ehret G, Roten L, Fischer U, Monsch A, Stippich C, Wuerfel J, Schwenkglenks M, Kuehne M, Osswald S. Design of the Swiss Atrial Fibrillation Cohort Study (Swiss-AF): structural brain damage and cognitive decline among patients with atrial fibrillation. *Swiss Med Wkly.* 2017;147:w14467.
- Erne P, Resink TJ, Mueller A, Coslovsky M, Kobza R, Conen D, Bauer P, Arand P. Use of acoustic cardiography immediately following electrical cardioversion to predict relapse of atrial fibrillation. *JJ Atr Fibrillation.* 2017;10:1527.

CONNOLY, S.

Shurral M, Healey JS, Haj-Yahia S, Kaoutskaia A, Boriani G, Carrizo A, Botto G, Newman D, Padeletti L, Connolly SJ, Crystal E. Reduction in unnecessary ventricular pacing fails to affect hard clinical outcomes in patients with preserved left ventricular function: a meta-analysis. *Europace*. 2017 Feb 1;19(2):282-8.

Lauw MN, Eikelboom JW, Coppens M, Wallentin L, Yusuf S, Ezekowitz M, Oldgren J, Nakamya J, Wang J, Connolly SJ. Effects of dabigatran according to age in atrial fibrillation. *Heart*. 2017 Jul;103(13):1015-23.

Padfield GJ, Steinberg C, Swampillai J, Qian H, Connolly SJ, Dorian P, Green MS, Humphries KH, Klein GJ, Sheldon R, Talajic M, Kerr CR. Progression of paroxysmal to persistent atrial fibrillation: Canadian Registry of Atrial Fibrillation 10-year follow-up. *Heart Rhythm*. 2017;14(6):801-7.

Hart RG, Catanese L, Perera KS, Ntaios G, Connolly SJ. Embolic Stroke of Undetermined Source: A Systematic Review and Clinical Update. *Stroke*. 2017;48(4):867-72.

Van Gelder IC, Healey JS, Crijns HJGM, Wang J, Hohnloser SH, Gold MR, Capucci A, Lau CP, Morillo CA, Hobbel AH, Rienstra M, Connolly SJ. Duration of device-detected subclinical atrial fibrillation and occurrence of stroke in ASSERT. *Eur Heart J*. 2017;38(17):1339-44.

Essebag V, Proietti R, Birnie DH, Wang J, Douketis J, Coutu B, Parkash R, Lip GY, Hohnloser SH, Moriarty A, Oldgren J, Connolly SJ, Ezekowitz M, Healey JS. Short-term dabigatran interruption before cardiac rhythm device implantation: multi-centre experience from the RE-LY trial. *Europace*. 2017;19(10):1630-6.

Guimarães PO, Lopes RD, Wojdyla DM, Abdul-Rahim AH, Connolly SJ, Flaker GC, Wang J, Hanna M, Granger CB, Wallentin L, Lees KR, Alexander JH, McMurray J JV. Effect of Apixaban on All-Cause Death in Patients with Atrial Fibrillation: a Meta-Analysis Based on Imputed Placebo Effect. *Cardiovasc Drugs Ther*. 2017;32(3):295-301.

Verdecchia P, Reboldi G, Angelini F, Mazzotta G, Lip GYH, Brueckmann M, Kleine E, Wallentin L, Ezekowitz MD, Yusuf S, Connolly SJ, Di Pasquale G. Dabigatran vs. warfarin in relation to the presence of left ventricular hypertrophy in patients with atrial fibrillation- the Randomized Evaluation of Long-term anticoagulation therapy (RE-LY) study. *Europace*. 2017;20(2):253-62.

Lopes RD, Alings M, Connolly SJ, Beresh H, Granger CB, Mazuecos JB, Boriani G, Nielsen JC, Conen D, Hohnloser SH, Mairesse GH, Mabo P, Camm AJ, Healey JS. Rationale and design of the Apixaban for the Reduction of Thrombo-Embolism in Patients with Device-Detected Sub-Clinical Atrial Fibrillation (ARTESiA) trial. *Am Heart J*. 2017 Jul;189:137-45.

Bosch J, Eikelboom JW, Connolly SJ, Bruns NC, Lanius V, Yuan F, Misselwitz F, Chen E, Diaz R, Alings M, et al. Rationale, Design and Baseline Characteristics of Participants in the Cardiovascular Outcomes for People Using Anticoagulation Strategies (COMPASS) Trial. *Can J Cardiol*. 2017 Aug;33(8):1027-35.

Hijazi Z, Oldgren J, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Reilly PA, Yusuf S, Siegbahn A, Wallentin L. Growth-differentiation factor 15 and risk of major bleeding in atrial fibrillation: Insights from the Randomized Evaluation of Long-Term Anticoagulation Therapy (RE-LY) trial. *Am Heart J*. 2017 Aug;190:94-103.

Healey JS, Alings M, Ha AC, Leong-Sit P, Birnie DH, de Graaf JJ, Freericks M, Verma A, Wang J, Leong D, Dokainish H, Philippon F, Barake W, McIntyre WF, Simek KD, Hill MD, Mehta SR, Carlson M, Smeele F, Pandey AS, Connolly SJ; ASSERT-2 Investigators. Subclinical Atrial Fibrillation in Older Patients. *Circulation*. 2017;136(14):1276-83.

Eikelboom JW, Connolly SJ, Bosch J, Dagenais GR, Hart RG, Shestakowska O, Diaz R, Alings M, Lonn EM, Anand SS, et al. Rivaroxaban with or without Aspirin in Stable Cardiovascular Disease. *N Engl J Med*. 2017;377(14):1319-30.

Proietti M, Hijazi Z, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Lane DA, Oldgren J, Roldan V, Yusuf S, Wallentin L; RE-LY Investigators. Comparison of Bleeding Risk Scores in Patients with Atrial Fibrillation: Insights from the RE-LY Trial. *J Intern Med*. 2017;283(3):282-92.

McIntyre WF, Connolly SJ, Healey JS. Atrial fibrillation occurring transiently with stress. *Curr Opin Cardiol*. 2017;33(1):58-65.

Hijazi Z, Oldgren J, Lindbäck J, Alexander JH, Connolly SJ, Eikelboom JW, Ezekowitz MD, Held C, Hylek EM, Lopes RD, Yusuf S, Granger CB, Siegbahn A, Wallentin L. A biomarker-based risk score to predict death in patients with atrial fibrillation: the ABC (age, biomarkers, clinical history) death risk score. *Eur Heart J*. 2017;39(6):477-85.

Connolly SJ, Eikelboom JW, Bosch J, Dagenais G, Dyal L, Lanas F, Metsarinne K, O'Donnell M, Dans AL, Ha JW, Parkhomenco AN, Avezum AA, Lonn E, Lisheng L, Torp-Pedersen C, Widimsky P, Maggioni AP, Felix C, Keltai K, Hori M, Yusoff 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*. Epub 2017 Nov 10.

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*. Epub 2017 Nov 10.

Walsh M, Connolly SJ. Another Dimension of Safety in the Prescription of Anticoagulants for Nonvalvular Atrial Fibrillation. *J Am Coll Cardiol*. 2017 Nov 28;70(21):2633-5.

COOK, D.

Rochwerg B, Millen T, Austin P, Zeller M, D'Aragon F, Jaeschke R, Massé, Mehta S, Lamontagne F, Meade M, Guyatt G, Cook D on behalf of the Canadian Critical Care Trials Group. Fluids in Sepsis and Septic Shock (FISSH): A Protocol for a Pilot Randomized Controlled Trial. *BMJ Open*. 2017 Jul;7:e017602.

Duffett M, Choong K, Foster J, Gilfoyle E, Lacroix J, Cook DJ. Need for a randomized controlled trial of stress ulcer prophylaxis in critically ill children: A Canadian survey. *Can J Hospital Pharmacy*. 2017;70(4):288-93.

Duan E, Adhikari NKJ, D'Aragon F, Cook DJ, Mehta S, Alhazzani W, Goligher E, Charbonney E, Arabi YM, Karachi T, Turgeon AF, Hand L, Zhou Q, Austin P, Friedrich J, Lamontagne F, Lauzier F, Patel R, Muscedere J, Hall R, Aslanian P, Piraino T, Albert M, Bagshaw SM, Jacka M, Wood G, Henderson W, Laufer B, Dorsch D, Ferguson ND, Meade MO on behalf of the Canadian Critical Care Trials Group. Epidemiology and management of ARDS and refractory hypoxemia: a multicenter observational study. *Ann Am Thoracic Soc*. 2017;14(12):1818-26.

Arnold DM, Lauzier F, Albert M, Williamson D, Li N, Zarychanski R, Doig C, McIntyre L, Freitag A, Crowther MA, Saunders L, Clarke F, Cooper J, Bellomo R, Qushmaq I, Lopes R, Heels-Ansdell D, Webert K, Cook DJ for the PROTECT Investigators, the Canadian Critical Care Trials Group and the Australian and New Zealand Intensive Care Society Clinical Trials Group. The Association Between Platelet Transfusions and Bleeding in Critically Ill Patients with Thrombocytopenia. *Res Pract Thromb Haemost*. 2017;1:103-11.

Alhazzani W, Guyatt G, Alshahrani M, Deane AM, Marshall JC, Hall R, Muscedere J, English SW, Lauzier F, Thabane L, Arabi YM, Karachi T, Rochwerg B, Finfer S, Daneman N, Alshamsi F, Zytaruk N, Heel-Ansdell D, Cook D on behalf of the Canadian Critical Care Trials Group. Withholding pantoprazole for stress ulcer prophylaxis in critically ill

PUBLICATIONS

- patients: A pilot randomized clinical trial and meta-analysis. *Crit Care Med.* 2017 Jul;45(7):1121-9.
- Mehta S, Burns KEA, Machado FR, Fox-Robichaud AE, Cook DJ, Calfee CS, Ware LB, Burnham EL, Mancebo J, Kissoon T, Marshall JC, Finfer S, Hartog C, Reinhart K, Maitland K, Kwizera A, Stapleton RD, Amin P, Abroug F, Smith O, Laake JH, Shrestha GS, Herridge MS. Diversity Matters: Toward Gender Parity in Critical Care Medicine. *Am Rev Resp Crit Care Med.* 2017;196(4):425-9.
- Valiani S, Rigal R, Stelfox HT, Muscedere J, Martin CM, Dodek PE, Lamontagne F, Fowler R, Ghoshmy A, Cook D, Forster AJ, Hébert PE. An environmental scan of quality indicators in critical care. *CMAJ Open.* 2017 Apr-Jun;5(2):E488-E495.
- Duffett M, Choong K, Foster J, Meade M, Menon K, Parker M, Cook DJ for the Canadian Critical Care Trials Group. High-Quality Randomized Controlled Trials in Pediatric Critical Care: A Survey of Barriers and Facilitators. *Ped Crit Care Med.* 2017;18:405-13.
- Latronico N, Herridge M, Hopkins R, Angus D, Hart N, Hermans G, Iwashyna T, Arabi Y, Citerio G, Ely EW, Hall J, Mehta S, Puntillo K, Van den Hoeven J, Wunsch H, Cook DJ, Dos Santos C, Rubenfeld G, Vincent JL, Van den Berghe G, Azoulay E, Needham DM. The ICM research agenda on intensive care unit acquired weakness. *Intensive Care Med.* 2017 Sep;43(9):1270-81.
- Duffett M, Choong K, Foster J, Gilfoyle E, Lacroix J, Pai N, Thabane L, Cook DJ for the Canadian Critical Care Trials Group. Pediatric Intensive Care Stress Ulcer Prevention (PIC-UP): A protocol for a pilot randomized trial. *Pilot and Feasibility Studies.* 2017;3:26.
- Jung J, Pinto R, Zarychanski R, Cook DJ, Jouvet P, Marshall JC, Kumar A, Rodin R, Fowler RA on behalf of the ICU-Flu Investigators and the Canadian Critical Care Trials Group. 2009-2010 H1N1-related Critical Illness Among Aboriginal and Non-Aboriginal Canadians. *PLoS ONE.* 2017;12(10):e0184013.
- Lamontagne F, Cook DJ, Meade MO, Seely A, Day A, Charbonney E, Serri K, Skrobik Y, Hebert P, St-Arnaud C, Quiroz-Martinez H, Heyland DK for the Canadian Critical Care Trials. Vasopressor use for shock - A Multicentre prospective observational study. *PLOS One.* 2017;20;12(1):e0167840.
- Meade MO, Young D, Hanna S, Zhou Q, Bachman TE, Bollen C, Slutsky AS, Lamb SE, Adhikari NKJ, Mentzelopoulos S, Cook DJ, Sud S, Brower RG, Thompson T, Shah S, Stenzler A, Guyatt G, Ferguson ND. High Frequency Oscillation in ARDS - Individual Patient Data Meta-analysis. *Am Rev Resp Crit Care Med.* 2017;196(6):727-33.
- Alonso-Coello P, Cook, D, Xu S, Sigamani A, Berwanger O, Sivakumaran S, Yang H, Xavier D, Martinez Luz, Ibarra P, Rao-Melacini P, Pogue J, Zarnke K, Paniagua-Iglesias P, Ostrander J, Yusuf S, Devereaux PJ on behalf of the POISE-I investigators. Predictors, prognosis, and management of new clinically important atrial fibrillation after noncardiac surgery: A prospective cohort study. *Anesth Analg.* 2017;125(1):1.
- Oczkowski SJW, Duan EH, Groen A, Warren D, Cook DJ. The use of bowel protocols in critically ill adult patients: a systematic review and meta-analysis. *Crit Care Med.* 2017 Jul;45(7):E18-E726.
- Honarmand K, Belley-Cote EP, Ulic D, Khalifa A, Gibson A, McClure G, Savija N, Alshamsi F, D'Aragon F, Rochwerg B, Duan E, Karachi T, Lamontagne F, Devereaux PJ, Whitlock R, Cook DJ. The deferred consent model in a prospective observational study evaluating myocardial injury in the Intensive Care Unit. *J Intensive Care Med.* 2017;1:1-6.
- McCredie VA, Ferguson ND, Pinto RL, Adhikari NKJ, Fowler RA, Chapman MG, Barthos A, Baker AJ, Cook DJ, Meade MO, Scales DC for the Canadian Critical Care Trials Group. Airway management strategies for brain-injured patients meeting standard criteria to consider extubation: An observational cohort study. *Ann Am Thor Soc.* 2017;14(1):85-93.
- Ball I, Cook DJ, Dodek PE, Muscedere J, Stelfox H, Burns KE, Turgeon T, Day A, Mehta S, Bagshaw S, Kutsogiannis D, Wells G, Stiell I. A Clinical Prediction Tool for Hospital Mortality in Critically Ill Elderly Medical Patients. *J Crit Care.* 2017;35:206-12.
- Swinton M, Giacomini M, Toledo F, Rose T, Hand-Breckenridge T, Boyle A, Woods A, Clarke F, Shears M, Sheppard R, Cook D. Dying in the Intensive Care Unit: Experiences and Expressions of Spirituality 2016. *Am Rev Resp Crit Care Med.* 2017;195(2):198-204.
- Li G, Thabane L, Cook DJ, Friderich J, Crozier TM, Muscedere J, Granton J, Mehta S, Reynolds SC, Lopes RD, Francois F, Freitag AP, Levine MAH for, the PROTECT Investigators for the Canadian Critical Care Trials Group, and the Australian and New Zealand Intensive Care Society Clinical Trials Group. Risk factors for mortality in patients admitted to intensive care units with pneumonia. *Respiratory Research.* 2017;17:80.
- COSTA, A.**
- Muratov S, Lee J, Holbrook A, Paterson M, Costa AP, Guetin J, Mbuaagbaw L, Tarride JE. Senior high cost healthcare users resource utilization and outcomes: A protocol of a retrospective matched cohort study. *BMJ Open.* 2017 Dec 26;7(12):e018488.
- Costa A. Charting age-associated cognitive decline. *CMAJ.* 2017;189(48):E1470-1471.
- Smith R, Kuluski K, Jeffs L, Costa AP, Glazier R, Forster A, Sinha SK. Investigating the Effect of Sociodemographic Factors on 30-day Hospital Readmission among Medical Patients in Toronto, Canada: A Prospective Cohort Study. *BMJ Open.* 2017 Dec 12;7(12):e017956.
- Brousseau A, Dent E, Hubbard R, Melady D, Emond M, Mercier E, Costa AP. Identification of older adults with frailty in the Emergency Department using a Frailty Index: Results from a Multinational Study. *Age and Ageing.* 2017;Nov 20:1-7.
- Rios S, Perlman C, Costa AP, Heckman G, Hirdes JP, Mitchell L. Antipsychotics and Dementia in Canada: A Retrospective Cross-Sectional Study of Four Health Sectors. *BMC Geriatrics.* 2017 Oct 23;17(1):244.
- Bator EX, Philpott BJ, Costa AP. This Moral Coil: A Cross-Sectional Survey of Canadian Medical Student Attitudes toward Medical Assistance in Dying. *BMC Med Ethics.* 2017 Oct 27;18(1):58.
- Lee L, Patel T, Costa AP, Bryce E, Hillier LM, Slonim K, Hunter SW, Heckman G, Molnar F. Screening for frailty in primary care: Accuracy of gait speed and hand-grip strength. *Can Fam Physician.* 2017;63:e51-e57.
- Geen O, Pumputis A, Kochi C, Costa AP, Stobbe K. Assessing the Short-Term Global Health Experience: A Cross-Sectional Study of Demographics, Socioeconomic Factors, and Disease Prevalence. *Am J Trop Med Hyg.* 2017 Aug;97(2):596-601.
- Mountjoy M, Costa AP, Budgett R, Dvorak J, Engebretsen L, Miller S, Moran J, Foster J, Carr J. Health promotion through sport: international sport federations' priorities, actions and opportunities. *Br J Sports Med.* Epub 2017 Jul 12.
- Lee L, Patel T, Hillier LM, Maulkhan N, Slonim K, Costa AP. Identifying frailty in primary care: A systematic review. *Geriatr Gerontol Int.* Epub 2017 Apr 12.
- Snider T, Melady D, Costa AP. A national survey of Canadian emergency medicine residents' comfort with geriatric emergency medicine. *CJEM.* 2017;19:9-17.
- DENBURG, J.**
- Tworek D, Heroux D, O'Byrne SN, Mitchell P, O'Byrne PM, Denburg JA. Toll-like receptor-induced expression of epithelial cytokine receptors on haemopoietic progenitors is altered in allergic asthma. *Clin Exp Allergy.* 2017;47:900-8.

- Bridgman SL, Azad MB, Field CJ, Haqq AM, Becker AB, Mandhane PJ, Subbarao P, Turvey SE, Sears MR, Scott JA, Wishart DS, Kozyrskyj AL; CHILD Study Investigators. Fecal short-chain fatty acid variations by breastfeeding status in infants at 4 months: differences in relative versus absolute concentrations. *Front Nutr.* 2017 Apr;10:4:11.
- Tun HM, Konya T, Takaro TK, Brook JR, Chari R, Field CJ, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL; CHILD Study Investigators. Exposure to household furry pets influences the gut microbiota of infant at 3-4 months following various birth scenarios. *Microbiome.* 2017 Apr;6:5(1):40.
- Clowse ME, Wallace DJ, Furie RA, Petri MA, Pike MC, Leszczynski P, Neuwelt CM, Hobbs K, Keiserman M, Duca L, Kalunian KC, Galateanu C, Bongardt S, Stach C, Beaudot C, Kilgallen B, Gordon C; EMBODY Investigator Group. Efficacy and safety of epratuzumab in moderately to severely active systemic lupus erythematosus: results from two phase III randomized, double-blind, placebo-controlled trials. *Arthritis Rheumatol.* 2017;69:362-75.
- Azad MB, Vehling L, Lu Z, Dai D, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR, the CHILD Study Investigators. Breastfeeding, maternal asthma and wheezing in the first year of life: a longitudinal birth cohort study. *Eur Respir J.* 2017;49:1602019.
- Tran MM, Lefebvre DL, Dai D, Dharma C, Subbarao P, Lou W, Azad MB, Becker AB, Mandhane PJ, Turvey SE, Sears MR, CHILD Study investigators. Timing of food introduction and development of food sensitization in a prospective birth cohort. *Pediatr Allergy Immunol.* 2017;28:471-7.
- Graham C, Chooniedass R, Stefura WP, Becker AB, Sears MR, Turvey SE, Mandhane PJ, Subbarao P; CHILD Study Investigators, HayGlass KT. In vivo immune signatures of healthy human pregnancy: inherently inflammatory or anti-inflammatory? *PLoS One.* 2017;12(6):e0177813.
- Yasmin F, Tun HM, Konya TB, Guttman DS, Chari RS, Field CJ, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR; CHILD Study Investigators, Scott JA, Dinu I, Kozyrskyj AL. Cesarean section, formula feeding, and infant antibiotic exposure: separate and combined impacts on gut microbial changes in later infancy. *Front Pediatr.* 2017;5:200.
- Klopp A, Vehling L, Becker AB, Subbarao P, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR; CHILD Study Investigators, Azad MB. Modes of infant feeding and the risk of childhood asthma: a prospective birth cohort study. *J Pediatr.* 2017;190:192-9.e2.
- Koleva PT, Tun HM, Konya T, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL; CHILD Study Investigators. Sex-specific impact of asthma during pregnancy on infant gut microbiota. *Eur Respir J.* 2017;50:1700280.
- Hollings PW, Fokkens WJ, Bachert C, Akdis CA, Bieber T, Agache I, Bernal-Sprekelsen M, Canonica GW, Gevaert P, Joos G, Lund V, Muraro A, Onerci M, Zuberbier T, Pugin B, Seys SF, Bousquet J, ARIA and EPOS working groups. Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis—A EUFOREA-ARIA-EPOS-AIRWAYS ICP statement. *Allergy.* 2017;72:1297-305.
- DEVEREAUX, P.J.**
- Johnstone J, Parsons R, Botelho F, Millar J, McNeil S, Fulop T, McElhaney J, Andrew MK, Walter SD, Devereaux PJ, Malek M, Brinkman R, Bramson J, Loeb M. T-cell phenotypes predictive of frailty and mortality in elderly nursing home residents. *J Am Geriatr Soc.* 2017;65:153-9.
- Royse CF, Saager L, Whitlock R, Ou-Young J, Royse A, Vincent J, Devereaux PJ, Kurz A, Awais A, Panjasawatwong K, Sessler DI. Impact of methylprednisolone on postoperative quality of recovery and delirium in the steroids in cardiac surgery trial: A randomized, double-blind, placebo-controlled substudy. *Anesthesiology.* 2017;126:223-33.
- Berwanger O, de Barros E Silva PG, Barbosa RR, Precoma DB, Figueiredo EL, Hajjar LA, Kruehl CD, Alboim C, Almeida AP, Dracoulakis MD, Filho HV, Carmona MJ, Maia LN, de Oliveira Filho JB, Saraiva JF, Soares RM, Damiani L, Paisani D, Kodama AA, Gonzales B, Ikeoka DT, Devereaux PJ, Lopes RD, for the LOAD Investigators. Atorvastatin for high-risk statin-naïve patients undergoing noncardiac surgery: The Lowering the Risk of Operative Complications Using Atorvastatin Loading Dose (LOAD) randomized trial. *Am Heart J.* 2017;184:88-96.
- Roshanov PS, Rochwerg B, Patel A, Salehian O, Duceppe E, Belley-Côté EP, Guyatt GH, Sessler DI, Le Manach Y, Borges FK, Tandon V, Worster A, Thompson A, Koshy M, Devereaux B, Spencer FA, Sanders RD, Sloan EN, Morley EE, Paul J, Raymer KE, Punthakee Z, Devereaux PJ. Withholding versus continuing angiotensin-converting enzyme inhibitors or angiotensin II receptor blockers before noncardiac surgery: An analysis of the Vascular events In noncardiac Surgery patients cOHort evaluatioN prospective cohort. *Anesthesiology.* 2017;126:16-27.
- Duceppe E, Parlow J, MacDonald P, Lyons K, McMullen M, Srinathan S, Graham M, Tandon V, Styles K, Bessissoff A, Sessler DI, Bryson G, Devereaux PJ. Canadian cardiovascular society guidelines on peri-operative cardiac risk assessment and management for patients who undergo noncardiac surgery. *Can J Cardiol.* 2017;33:17-32.
- Roshanov PS, Walsh M, Devereaux PJ, MacNeil SD, Lam NN, Hildebrand AM, Acedillo RR, Mrkobrada M, Chow CK, Lee VW, Thabane L, Garg AX. External validation of the Revised Cardiac Risk Index and update of its renal variable to predict 30-day risk of major cardiac complications after non-cardiac surgery: rationale and plan for analyses of the VISION study. *BMJ Open.* 2017;7:e013510.
- Shortt C, Ma J, Clayton N, Sherbino J, Whitlock R, Pare G, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A, Kavak PA. Rule-in and rule-out of myocardial infarction using cardiac troponin and glycemic biomarkers in patients with symptoms suggestive of acute coronary syndrome. *Clin Chem.* 2017;63:403-14.
- Bhandari M, Devereaux PJ, Guyatt G, Thabane L, Walter SD, Heetveld MJ, Jeray KJ, Liew S, Schmittsch EH, Tornetta III P, Rocca GJD, Buckley RE, McCormack R, Oliver TM, Segers MJM, Rangan A, Richardson M, Sprague S, Slobogean GP, Scott T, Agel J, Garibaldi A, Zhou Q, Heels-Ansell D, Viveiros H, Zielinski SM, Van Lieshout EMM, Johal H, Hanusch BC, Swiontkowski M, on behalf of the Fixation using Alternative Implants for the Treatment of Hip fractures (FAITH) Investigators. Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. *Lancet.* 2017;389:1519-27.
- Kavak PA, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A. A laboratory score at presentation to rule-out serious cardiac outcomes or death in patients presenting with symptoms suggestive of acute coronary syndrome. *Clin Chim Acta.* 2017;469:69-74.
- Nguyen TL, Collins GS, Lamy A, Devereaux PJ, Daurès JP, Landais P, Le Manach Y. Simple randomization did not protect against bias in smaller trials. *J Clin Epidemiol.* 2017;84:105-13.
- Chai-Adisaksophap C, Alexander PE, Guyatt G, Crowther MA, Heddle NM, Devereaux PJ, Ellis M, Roxby D, Sessler DI, Eikelboom JW. Mortality outcomes in patients transfused with fresher versus older red blood cells: a meta-analysis. *Vox Sang.* 2017;112:268-78.
- Devaraj U, Rajagopal S, Kumar A, Ramachandran P, Devereaux PJ, D'Souza GA. Undiagnosed obstructive sleep apnea and postoperative outcomes: A prospective observational study. *Respiration.* 2017;94:18-25.
- Devereaux PJ, Biccard BM, Sigamani A, Xavier D, Chan MTV, Srinathan SK, Walsh M, Abraham V, Pearse R, Wang CY, et al. Association of postoperative high-sensitivity troponin levels with myocardial injury and 30-day mortality among patients undergoing noncardiac surgery. *JAMA.* 2017;317:1642-51.
- Nguyen TL, Collins GS, Spence J, Fontaine C, Daurès JP, Devereaux

PUBLICATIONS

- PJ, Landais P, Le Manach Y. Magnitude and direction of missing confounders had different consequences on treatment effect estimation in propensity score analysis. *J Clin Epidemiol.* 2017;87:87-97.
- Nguyen TL, Collins GS, Spence J, Daurès JP, Devereaux PJ, Landais P, Le Manach Y. Double-adjustment in propensity score matching analysis: choosing a threshold for considering residual imbalance. *BMC Med Res Methodol.* 2017 Apr 28;17(1):78.
- Górka J, Polok K, Iwaniec T, Górska K, Włudarczyk A, Fronczek J, Devereaux PJ, Eikelboom JW, Musial J, Szczeklik W. Altered preoperative coagulation and fibrinolysis are associated with myocardial injury after non-cardiac surgery. *Br J Anaesth.* 2017;118:713-9.
- Spence J, Belley-Côté E, Ma HK, Donald S, Centofanti J, Hussain S, Gupta S, Devereaux PJ, Whitlock R. Efficacy and safety of inhaled anaesthetic for postoperative sedation during mechanical ventilation in adult cardiac surgery patients: a systematic review and meta-analysis. *Br J Anaesth.* 2017;118:658-69.
- Alonso-Coello P, Cook D, Xu SC, Sigamani A, Berwanger O, Sivakumaran S, Yang H, Xavier D, Martinez LX, Ibarra P, Rao-Melacini P, Pogue J, Zarnke K, Paniagua P, Ostrander J, Yusuf S, Devereaux PJ. Predictors, prognosis, and management of new clinically important atrial fibrillation after noncardiac surgery: A prospective cohort study. *Anesth Analg.* 2017;125:162-9.
- Abbott TEF, Pearse RM, Archbold RA, Wragg A, Kam E, Ahmad T, Khan AW, Niebrzegowska E, Rodseth RN, Devereaux PJ, Ackland GL. Association between preoperative pulse pressure and perioperative myocardial injury: An international observational cohort study of patients undergoing non-cardiac surgery. *Br J Anaesth.* 2017;119:78-86.
- Paparella D, Parolari A, Rotunno C, Vincent J, Myasoedova V, Guida P, De Palo M, Margari V, Devereaux PJ, Lamy A, Alamanni F, Yusuf S, Whitlock R. The Effects of Steroids on Coagulation dysfunction induced by cardiopulmonary bypass: A steroids in cardiac surgery (SIRS) trial substudy. *Semin Thorac Cardiovasc Surg.* 2017;29:35-44.
- Kavsak PA, Worster A, Ma J, Shortt C, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ. High-sensitivity cardiac troponin risk cutoffs for acute cardiac outcomes at emergency department presentation. *Can J Cardiol.* 2017;33:898-903.
- Rai AS, Khan JS, Dhaliwal J, Busse JW, Choi S, Devereaux PJ, Clarke H. Preoperative pregabalin or gabapentin for acute and chronic post-operative pain among patients undergoing breast cancer surgery: A systematic review and meta-analysis of randomized controlled trials. *J Plast Reconstr Aesthet Surg.* 2017;70:1317-28.
- Spence J, Long S, Tidy A, Raymer K, Devereaux PJ, Lamy A, Whitlock R, Syed S. Tranexamic Acid administration during on-pump cardiac surgery: A survey of current practices among Canadian anesthetists working in academic centers. *Anesth Analg.* 2017;125:1863-70.
- Shanthanna H, Gilron I, Rajarathnam M, AlAmri R, Kamath S, Thabane L, Devereaux PJ, Bhandari M. Benefits and safety of gabapentinoids in chronic low back pain: A systematic review and meta-analysis of randomized controlled trials. *PLoS Med.* 2017 Aug 15;14(8):e1002369.
- Beattie WS, Wijeysundera DN, Chan MTV, Peyton PJ, Leslie K, Paech MJ, Devereaux PJ, Sessler DI, Wallace S, Myles PS on behalf of the ANZCA Clinical Trials Network and the ENIGMA-II Investigators. Survival after isolated post-operative troponin elevation. *J Am Coll Cardiol.* 2017;70:907-8.
- Lamelas P, Schwalm JD, Quazi I, Mehta S, Devereaux PJ, Jolly S, Yusuf S. Effect of body mass index on clinical events after acute coronary syndromes. *Am J Cardiol.* 2017;120:1453-9.
- Roshanov PS, Eikelboom JW, Crowther M, Tandon V, Borges FK, Kearon C, Lamy A, Whitlock R, Biccard BM, Szczeklik W, Guyatt GH, Panju M, Spence J, Garg AX, McGillion M, VanHelder T, Kavsak PA, de Beer J, Winemaker M, Sessler DI, Le Manach Y, Sheth T, Pinthus JH, Thabane L, Simunovic MRI, Mizera R, Ribas S, Devereaux PJ. Bleeding impacting mortality after noncardiac surgery: a protocol to establish diagnostic criteria, estimate prognostic importance, and develop and validate a prediction guide in an international prospective cohort study. *CMAJ Open.* 2017;5:E594-E603.
- Cook RJ, Heddle NM, Lee K, Arnold DM, Crowther MA, Devereaux PJ, Ellis M, Figueroa P, Kurz A, Roxby D, Sessler DI, Sharon Y, Sobieraj-Teague M, Warkentin TE, Webert KE, Barty R, Liu Y, Eikelboom JW. Red blood cell storage and in-hospital mortality: a secondary analysis of the INFORM randomised controlled trial. *Lancet Haematology.* 2017;11:e544-e552.
- Alba AC, Agoritsas T, Walsh M, Hanna S, Iorio A, Devereaux PJ, McGinn T, Guyatt G. Discrimination and calibration of clinical prediction models: Users' guides to the medical literature. *JAMA.* 2017;318:1377-84.
- Nguyen TL, Collins GS, Spence J, Devereaux PJ, Daurès JP, Landais P, Le Manach Y. Comparison of the ability of double-robust estimators to correct bias in propensity score matching analysis. A Monte Carlo simulation study. *Pharmacoepidemiol Drug Saf.* 2017;12:1513-9.
- Barron CC, Lalu MM, Stewart DJ, Ferguson D, Yang H, Moher D, Liu P, Mazer D, Devereaux PJ, McIntyre L; Canadian Perioperative Anesthesia Clinical Trials Group. Assessment of safety and efficacy of mesenchymal stromal cell therapy in preclinical models of acute myocardial infarction: a systematic review protocol. *Syst Rev.* 2017 Nov 7;6(1):226.
- 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.* Epub 2017 Nov 23.
- ### Book Chapters
- Devereaux PJ, Cohn SL, Eagle KA. Management of cardiac risk for noncardiac surgery. In: UpToDate (Basow DS, Ed.), UpToDate, Waltham, MA. 2017.
- Devereaux PJ. Perioperative myocardial infarction after noncardiac surgery. In: UpToDate (Basow DS, Ed.), UpToDate, Waltham, MA. 2017.
- ### De WIT, K.
- Chin A, de Wit K. Inability of a negative faecal occult blood test to rule out intussusception in children. *Emerg Med J.* 2017;34:489-90.
- Bacani JB, de Wit K. Point of care ultrasound versus CT pulmonary angiogram in suspected pulmonary embolus. *Emerg Med J.* 2017;34:487-9.
- Pritchard J, Hogg K. Pre-hospital finger thoracostomy in patients with chest trauma. *EMJ.* 2017;34:419.
- Pritchard J, Hogg K. Pre-hospital finger thoracostomy in patients with traumatic cardiac arrest. *EMJ.* 2017;34(6):417-8.
- ### Book Chapters
- Anderson J, Hogg K, Weitz J. In: Hematology, Basic Principles and Practice, 7th Edition, Thrombophilia, 2017.
- Hogg K, Castellucci L. In: Handbook of Venous Thromboembolism, 1st edition, Clinical Diagnostic Scores, 2017.
- Hogg K, Weitz J. Chapter 32: Blood Coagulation and Anticoagulant, Fibrinolytic, and Antiplatelet Drugs. In: Goodman & Gilman's The Pharmacological Basis of Therapeutics, 13th Edition, 2017.
- Hogg K, Linkins L, Kearon C. Diagnosis and Management of Venous Thromboembolism. In: Principles and Practice of Hospital Medicine, 2nd Edition, (McKean S, Ross J, Dressler DD, Scheurer D, Eds.), McGraw-Hill Education, 2017.

DOUKETIS, J.

Tafur A, Douketis JD. Perioperative management of anticoagulant and antiplatelet therapy. *Heart*. Epub 2017 Dec 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, Le Gal G, Le Templier G, Li N, MacKay E, Shah V, Shivakumar S, Solymoss S, Spencer FA, Syed S, Tafur AJ, Vanassche T, Thiele T, Qu C, Yeo E, Schulman S. 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*. 2017 Dec;117(12):2415-24.

Riva N, Camporese G, Iotti M, Bucherini E, Righini M, Kamphuisen PW, Verhamme P, Douketis JD, Tonello C, Prandoni P, Ageno W; PALLADIO Study Investigators. Age-adjusted D-dimer to rule out deep vein thrombosis: findings from the PALLADIO algorithm. *J Thromb Haemost*. Epub 2017 Nov 10.

Delate T, Meisinger SM, Witt DM, Jenkins D, Douketis JD, Clark NP. Bridge therapy outcomes in patients with mechanical heart valves. *Clin Appl Thromb Hemost*. 2017 Nov;23(8):1036-41.

Douketis JD. Navigating the anticoagulant landscape in 2017. *Cleve Clin J Med*. 2017 Oct;84(10):768-78.

Essebag V, Proietti R, Birnie DH, Wang J, Douketis JD, Couto B, Parkash R, Lip GY, Hohnloser SH, Moriarty A, Oldgren J, Connolly SJ, Ezekowitz M, Healey JS. Short-term dabigatran interruption before cardiac rhythm device implantation: multi-centre experience from the RE-LY trial. *Europace*. 2017 Oct 1;19(10):1630-6.

Liew AY, Piran S, Eikelboom JW, Douketis JD. Extended-duration versus short-duration pharmacological thromboprophylaxis in acutely ill hospitalized medical patients: a systematic review and meta-analysis of randomized controlled trials. *J Thromb Thrombolysis*. 2017 Apr;43:291-301.

Coyle K, Carrier M, Lazo-Langner A, Shivakumar S, Zarychanski R, Tagalakis V, Solymoss S, Routhier N, Douketis JD, Coyle D. Cost effectiveness of the addition of a comprehensive CT scan to the abdomen and pelvis for the detection of cancer after unprovoked venous thromboembolism. *Thromb Res*. 2017 Mar;151:67-71.

Wein T, Lindsay MP, Cote R, Foley N, Berlingieri J, Bhogal S, Bourgoin A, Buch BH, Cox J, Davidson D, Dowlatshahi D, Douketis JD, Falconer J, Field T, Fioia L, Gubitz G, Haber J, Jaspers S, Lum C, McNamara Morse D, Pageau P, Rafay M, Rodgerson A, Semchuk B, Sharma M, Shoamanesh A, Tamayo A, Smitko E, Gladstone DJ, Heart and Stroke Foundation Canadian Stroke Best Practice Committees. Canadian stroke best practice recommendations: Secondary prevention of stroke, sixth edition practice guidelines, update 2017. *Int J Stoke*. Epub 2017 Jan 1.

Azgarian J, Linkins LA, Schneider L, Hanna WC, Finley CJ, Schieman C, De Perrot M, Crowther M, Douketis JD, Shargall Y. Practice patterns in venous thromboembolism prophylaxis in thoracic surgery: a comprehensive Canadian Delphi survey. *J Thorac Dis*. 2017 Jan;9:80-7.

Trujillo-Santos J, Di Micco P, Dentali F, Douketis JD, Diaz-Peromingo JA, Nunez MJ, Canas I, Mastroiacovo D, Saraiva de Sousa M, Monreal M, RIETE Investigators. Real-life treatment of venous thromboembolism with direct oral anticoagulants: The influence of recommended dosing and regimens. *Thromb Haemost*. 2017 Jan 26;117(2):382-9.

Douketis JD, Ageno W, Carrier M, Kearon C. Managing challenging patients with venous thromboembolism: a practical, case-based approach. *Pol Arch Intern Med*. 2017 Jan 4;127:41-6.

DUAN, E.

Duan EH, Adhikari NKJ, D'Aragon F, Cook DJ, Mehta S, Alhazzani W, Goligher E, Charbonney E, Arabi YM, Karachi T, Turgeon AF,

Hand L, Zhou Q, Austin P, Friedrich J, Lamontagne F, Lauzier F, Patel R, Muscedere J, Hall R, Aslanian P, Piraino T, Albert M, Bagshaw SM, Jacka M, Wood G, Henderson W, Dorschel D, Ferguson ND, Meade MO; Canadian Critical Care Trials Group. Management of Acute Respiratory Distress Syndrome and Refractory Hypoxemia. A Multicenter Observational Study. *Ann Am Thorac Soc*. 2017 Dec;14(12):1818-26.

Lauzier F, Adhikari NK, Seely A, Koo KKY, Belley-Côté EP, Burns KEA, Cook DJ, D'Aragon F, Rochwerg B, Kho ME, Oczkowski SJW, Duan EH, Meade MO, Day AG, Lamontagne F; for ACCADEMY (Academy of Critical Care – Development, Evaluation, and Methodology). Protocol adherence for continuously titrated interventions in randomized trials: an overview of the current methodology and case study. *BMC Med Res Methodol*. 2017 Jul 17;17(1):106.

Oczkowski SJW, Duan EH, Groen A, Warren D, Cook DJ. The Use of Bowel Protocols in Critically Ill Adult Patients: A Systematic Review and Meta-Analysis. *Crit Care Med*. 2017 Jul;45(7):e718-e726.

Rochwerg B, Oczkowski SJ, Siemieniuk RA, Menon K, Szczeklik W, English S, Agoritsas T, Belley-Cote E, D'Aragon F, Alhazzani W, Duan E, Gossack-Keenan K, Sevransky J, Vandvik P, Venkatesh B, Guyatt G, Annane D. Corticosteroids in sepsis: an updated systematic review and meta-analysis (protocol). *BMJ Open*. 2017 Jun 30;7(6):e016847.

FORSYTHE, P.

Delungahawatta T, Amin JY, Stanisz AM, Bienenstock J, Forsythe P, Kunze WA. Antibiotic Driven Changes in Gut Motility Suggest Direct Modulation of Enteric Nervous System. *Front Neurosci*. 2017 Oct 20;11:588.

Birkl P, Kjaer JB, Szkotnicki W, Forsythe P, Harlander-Matauschek A. Acute tryptophan depletion: the first method validation in an avian species (*Gallus gallus domesticus*). *Poul Sci*. 2017 Sep 1;96(9):3021-5.

Leclercq S, Mian FM, Stanisz AM, Bindels LB, Cambier E, Ben-Amram H, Koren O, Forsythe P, Bienenstock J. Low-dose penicillin in early life induces long-term changes in murine gut microbiota, brain cytokines and behavior. *Nat Commun*. 2017 Apr 4;8:15062.

Bharwani A, Mian MF, Surette MG, Bienenstock J, Forsythe P. Oral treatment with *Lactobacillus rhamnosus* attenuates behavioural deficits and immune changes in chronic social stress. *BMC Med*. 2017 Jan 11;15(1):7.

Khambati I, Han S, Pijnenburg D, Jang H, Forsythe P. The bacterial quorum-sensing molecule, N-3-oxo-dodecanoyl-L-homoserine lactone, inhibits mediator release and chemotaxis of murine mast cells. *Inflamm Res*. 2017 Mar;66(3):259-68.

FREITAG, A.

Freitag A, Jaeschke R. Cystic Fibrosis: Past, Present, Future. Dr. Andreas Freitag in an interview with Dr. Roman Jaeschke. *Pol Arch Intern Med*. 2017;127(1):73-5.

Simms E, Foster G, Arias K, Larché M, Freitag T, Walker T, Goncharova S, Marrin A, Freitag A, Jordana M, and Waserman S. Prediction of clinical peanut allergy status among children in Hamilton, Ontario using chart review data collected during 2012–2015. *Allergy, Asthma Clin Immunol*. 2017 Feb 8;13:10.

GAUVREAU, G.

Nolin JD, Lai Y, Ogden HL, Manicone AM, Murphy RC, An D, Frevert CW, Ghomashchi F, Naika GS, Gelb MH, Gauvreau GM, Piliponsky AM, Altemeier WA, Hallstrand TS. Secreted PLA2 group X orchestrates innate and adaptive immune responses to inhaled allergen. *JCI Insight*. 2017 Nov 2;2(21).

Gauvreau GM, Sehmi R. Pauci Sed Matura. *Am J Respir Crit Care Med*. 2017 Dec 1;196(11):1361-2.

PUBLICATIONS

Oliveria JP, Salter BM, MacLean J, Kotwal S, Smith A, Harris JM, Scheerens H, Sehmi R, Gauvreau GM. Increased IgE+ B Cells in Sputum, but Not Blood, Bone Marrow, or Tonsils, after Inhaled Allergen Challenge in Subjects with Asthma. *Am J Respir Crit Care Med.* 2017 Jul 1;196(1):107-9.

Chen R, Smith SG, Salter B, El-Gammal A, Oliveria JP, Obminski C, Watson R, O'Byrne PM, Gauvreau GM, Sehmi R. Allergen-induced Increases in Sputum Levels of Group 2 Innate Lymphoid Cells in Asthmatic Subjects. *Am J Respir Crit Care Med.* 2017 Sep 15;196(6):700-12.

Coates AL, Dell SD, Cockcroft DW, Gauvreau GM. The PD20 but not the PC20 in a methacholine challenge test is device independent. *Ann Allergy Asthma Immunol.* 2017 Apr;118(4):508-9.

Bjerrmer L, Gauvreau GM, Postma DS, O'Byrne PM, van den Berge M, Boulet LP, Beckman O, Persson T, Román J, Carlholm M, Schützer KM, Eckerwall G. Methacholine challenge tests to demonstrate therapeutic equivalence of terbutaline sulfate via different Turbuhaler® devices in patients with mild to moderate asthma: Appraisal of a four-way cross-over design. *Pulm Pharmacol Ther.* 2017;44:1-6.

Oliveria JP, Salter BM, Phan S, Obminski CD, Munoz CE, Smith SG, Scime T, Watson RM, Sehmi R, Gauvreau GM. Asthmatic subjects with allergy have elevated levels of IgE+ B cells in the airways. *J Allergy Clin Immunol.* 2017 Aug;140(2):590-3.

Mitchell PD, Salter BM, Oliveria JP, El-Gammal A, Tworek D, Smith SG, Sehmi R, Gauvreau GM, Butler M, O'Byrne PM. Glucagon Like Peptide-1 receptor expression on human eosinophils and its regulation of eosinophil activation. *Clin Exp Allergy.* 2017 Mar;47(3):331-8.

GERSTEIN, H.

Abadi A, Alyass A, Robiou du Pont S, Bolker B, Singh P, Mohan V, Diaz R, Engert JC, Yusuf S, Gerstein HC, Anand SS, Meyre D. Penetrance of Polygenic Obesity Susceptibility Loci across the Body Mass Index Distribution. *Am J Hum Genet.* 2017;101:925-38.

Riddle MC, Gerstein HC, Cefalu WT. Maturation of CGM and Glycemic Measurements Beyond HbA1c-A Turning Point in Research and Clinical Decisions. *Diabetes Care.* 2017;40:1611-3.

Wolsk E, Claggett B, Diaz R, Dickstein K, Gerstein HC, Kober L, Lawson FC, Lewis EF, Maggioni AP, McMurray JJV, Probstfield JL, Riddle MC, Solomon SD, Tardif JC, Pfeffer MA. Increases in Natriuretic Peptides Precede Heart Failure Hospitalization in Patients With a Recent Coronary Event and Type 2 Diabetes Mellitus. *Circulation.* 2017;136:1560-2.

Haq T, Crane JD, Kanji S, Gunn E, Tarnopolsky MA, Gerstein HC, Steinberg GR, Morrison KM. Optimizing the methodology for measuring supraclavicular skin temperature using infrared thermography; implications for measuring brown adipose tissue activity in humans. *Sci Rep.* 2017; Sep 20;7(1):11934.

Holman RR, Coleman RL, Chan JCN, Chiasson JL, Feng H, Ge J, Gerstein HC, Gray R, Huo Y, Lang Z, McMurray JJ, Rydén L, Schröder S, Sun Y, Theodorakis MJ, Tendera M, Tucker L, Tuomilehto J, Wei Y, Yang W, Wang D, Hu D, Pan C; ACE Study Group. Effects of acarbose on cardiovascular and diabetes outcomes in patients with coronary heart disease and impaired glucose tolerance (ACE): a randomised, double-blind, placebo-controlled trial. *Lancet Diabetes Endocrinol.* 2017;5:877-87.

Papademetriou V, Nylen ES, Doumas M, Probstfield J, Mann JFE, Gilbert RE, Gerstein HC. Chronic Kidney Disease, Basal Insulin Glargine and Health Outcomes in People with Dysglycemia: the ORIGIN Study. *Am J Med.* 2017;130(12):1465.e27-1465.e39.

Yates T, Davies MJ, Jung H, Bosch J, Spinias GA, Sreenan S, Commerford P, Gerstein HC, ORIGIN Investigators. Effect of insulin glargine on recreational physical activity and TV viewing: Analysis of the randomised ORIGIN trial. *Diabetes Res Clin Pract.* 2017;132:137-43.

Anand SS, Gupta M, Teo KK, Schulze KM, Desai D, Abdalla N, Zulyniak M, de Souza R, Wahi G, Shaikh M, Beyene J, de Villa E, Morrison K, McDonald SD, Gerstein H, South Asian Birth Cohort (START) - Canada Investigators. Causes and consequences of gestational diabetes in South Asians living in Canada: results from a prospective cohort study. *CMAJ Open.* 2017;5(3):E604-E611.

Cukierman-Yaffe T, Gerstein HC, Miller ME, Launer LJ, Williamson J, Horowitz KR, Ismail-Beigi F, Lazar RM. The relationship between the score on a simple measure of cognitive function & incident CVD in people with diabetes: a post-hoc epidemiological analysis from the ACCORD-MIND study. *J Clin Endocrinol Metab.* 2017;102(9):3218-25.

Gerstein HC, Colhoun HM, Dagenais GR, Diaz R, Lakshmanan M, Pais P, Probstfield J, Riddle MC, Rydén L, Xavier D, Atisso CM, Avezum A, Basile J, Chung N, Conget I, Cushman WC, Franek E, Hancu N, Hanefeld M, Holt S, Jansky P, Keltai M, Lanas F, Leiter LA, Lopez-Jaramillo P, Munoz EGC, Pirags V, Pogosova N, Raubenheimer PJ, Shaw J, Sheu WH, Temelkova-Kurttschew T. Design and Baseline Characteristics of Participants in the Researching cardiovascular Events with a Weekly INcretin in Diabetes (REWIND) Trial of Dulaglutide's Cardiovascular Effects. *Diabetes Obes Metab.* 2017;30(1):42-9.

Wolsk E, Claggett B, Pfeffer MA, Diaz R, Dickstein K, Gerstein HC, Lawson FC, Lewis EF, Maggioni AP, McMurray JJV, Probstfield JL, Riddle MC, Solomon SD, Tardif JC, Kober L. Role of B-type natriuretic peptide and N-terminal prohormone BNP as predictors of cardiovascular morbidity and mortality in patients with a recent coronary event and type 2 diabetes mellitus. *J Am Heart Assoc.* 2017 May 29;6(6).

Bedard C, Sherry Liu S, Patterson C, Gerstein H, Griffith L. Systematic review: Can non-mydriatric cameras accurately detect diabetic retinopathy? *Diabetes Res Clin Pract.* 2017;129:154-9.

Garasia S, Samaan Z, Gerstein HC, Engert JC, Mohan V, Diaz R, Anand SS, Meyre D. Influence of depression on genetic predisposition to type 2 diabetes in a multiethnic longitudinal study. *Sci Rep.* 2017;7(1):1629.

Rautio A, Boman K, Gerstein HC, Herrestål-Boman J, Lee SF, Olofsson M, Mellbin LG. The effect of basal insulin glargin on the fibrinolytic system and von Willebrand factor in people with dysglycaemia and high risk for cardiovascular events: Swedish substudy of the Outcome Reduction with an Initial Glargin Intervention trial. *Diab Vasc Dis Res.* 2017;14(4):345-52.

Gerstein HC, Paré G, McQueen MJ, Lee SF, Hess S; ORIGIN Trial Investigators. Validation of the ORIGIN Cardiovascular Biomarker Panel and the Value of Adding Troponin I in Dysglycemic People. *J Clin Endocrinol Metab.* 2017;102(7):2251-7.

McInnes N, Smith A, Otto R, Vandermey J, Punthakee Z, Sherifali D, Balasubramanian K, Hall S, Gerstein HC. Piloting a Remission Strategy in Type 2 Diabetes: Results of a Randomized Controlled Trial. *J Clin Endocrinol Metab.* 2017;102(5):1596-605.

Zoungas S, Arima H, Gerstein HC, Holman RR, Woodward M, Reaven P, Hayward RA, Craven T, Coleman RL, Chalmers J; Collaborators on Trials of Lowering Glucose (CONTROL) group. Effects of intensive glucose control on microvascular outcomes in patients with type 2 diabetes: a meta-analysis of individual participant data from randomised controlled trials. *Lancet Diabetes Endocrinol.* 2017;5(6):431-7.

Elam MB, Ginsberg HN, Lovato LC, Corson M, Largay J, Leiter LA, Lopez C, O'Connor PJ, Sweeney ME, Weiss D, Friedewald WT, Buse JB, Gerstein HC, Probstfield J, Grimm R, Ismail-Beigi F, Goff DC Jr, Fleg JL, Rosenberg Y, Byington RP; ACCORDION Study Investigators. Association of Fenofibrate Therapy with Long-term Cardiovascular Risk in Statin-Treated Patients with Type 2 Diabetes. *JAMA Cardiol.* 2017;2(4):370-80.

Gerstein HC, Pare G, Hess S, Ford RJ, Sjaarda J, Raman K, McQueen M, Lee S, Haenel H, Steinberg GR. Growth Differentiation Factor 15 as a Novel Biomarker for Metformin. *Diabetes Care.* 2017;40:280-3.

Murray AM, Hsu FC, Williamson JD, Bryan RN, Gerstein HC, Sullivan MD, Miller ME, Leng I, Lovato LL, Launer LJ; Action to Control Cardiovascular Risk in Diabetes Follow-On Memory in Diabetes (ACCORDION MIND) Investigators. ACCORDION MIND: results of the observational extension of the ACCORD MIND randomised trial. *Diabetologia*. 2017 Jan;60(1):69-80.

GHOUSE, A.

Book

Rana AQ, Ghouse AT, Govindarajan R. *Neurophysiology in Clinical Practice*. Springer.

GINSBERG, J.

Paikin JS, Hirsh J, Ginsberg JS, Weitz JI, Chan NC, Whitlock RP, Pare G, Eikelboom JW. Once versus twice daily aspirin after coronary bypass surgery: a randomized trial. *J Thrombo Haemost*. 2017 May;15(5):889-96. Epub 2017 Apr 18.

GROSS, P.

Fredenburgh JC, Gross PL, Weitz JI. Emerging Anticoagulant Strategies. *Blood*. 2017;129:147-54.

Smits NC, Kobayashi T, Srivastava PK, Skopelja S, Ivy JA, Elwood DJ, Stan RV, Tsongalis GJ, Sellke FW, Gross PL, Cole MD, DeVries JT, Kaplan AV, Robb JF, Williams SM, Shworak NW. HS3ST1 genotype regulates antithrombin's inflammonmodulatory tone and associates with atherosclerosis. *Matrix Biology*. 2017;63:69-90.

Schulman S, Ritchie B, Nahirniakd S, Gross PL, Carrier M, Majeedb A, Hwang H-G, Zondag M on behalf of the Study investigators. Reversal of dabigatran-associated major bleeding with activated prothrombin concentrate: A prospective cohort study. *Thromb Res*. 2017;152:44-8.

Silberberg A, Tan MK, Yan AT, Angaran P, Dorian P, Bucci C, Gregoire JC, Bell AD, Gladstone DJ, Green MS, Gross PL, et al., and Goodman SG. Use of Evidence-Based Therapy for Cardiovascular Risk Factors in Canadian Outpatients with Atrial Fibrillation. *Am J Cardiol*. 2017;120:582-7.

Gross PL. Soluble P-selectin is the smoke, not the fire. *Blood*. 2017;130:101-2.

Smrke A, Gross PL. Cancer-associated venous thromboembolism: a practical review beyond low-molecular-weight heparins. *Front Med*. 2017;4:142.

Douketis JD, Spyropoulos AC, Anderson JM, Arnold DM, Bates SM, Blustein M, Carrier M, Caprini JA, Clark NP, Coppens M, Dentali F, Duncan J, Gross PL, Kassis J, Kowalski S, Lee AY, Le Gal G, Le Templier G, 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. 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*. 2017;117:2415-24.

GUPTA, M.

Stearns JC, Zulyniak MA, de Souza RJ, Campbell NC, Fontes M, Shaikh M, Sears MR, Becker AB, Mandhane PJ, Subbarao P, Turvey SE, Gupta M, Beyene J, Surette MG, Anand SS; NutriGen Alliance. Ethnic and diet-related differences in the healthy infant microbiome. *Genome Med*. 2017 Mar 29;9(1):32.

Leung AA, Daskalopoulou SS, Dasgupta K, McBrien K, Butalia S, Zarnke KB, Nerenberg K, Harris KC, Nakhlha M, Cloutier L, et al. Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. *Can J Cardiol*. 2017 May;33(5):557-576. Epub 2017 Mar 10. Erratum in: *Can J Cardiol*. 2017 Dec;33(12):1733-4.

Mancini GBJ, Gupta M, Tsigoulis M, Cannon CP, Genest J, Ray KK, Santos RD, Watts GF, Raggi P. Detection of atherosclerotic cardiovascular disease influences the perceived need for aggressive lipid management. *Atherosclerosis*. 2017 Aug;263:112-8. Epub 2017 Jun 3.

Anand SS, Gupta M, Teo KK, Schulze KM, Desai D, Abdalla N, Zulyniak M, de Souza R, Wahi G, Shaikh M, Beyene J, de Villa E, Morrison K, McDonald SD, Gerstein H; South Asian Birth Cohort (START) - Canada Investigators. Causes and consequences of gestational diabetes in South Asians living in Canada: results from a prospective cohort study. *CMAJ Open*. 2017 Aug 9;5(3):E604-E611.

Zulyniak MA, de Souza RJ, Shaikh M, Desai D, Lefebvre DL, Gupta M, Wilson J, Wahi G, Subbarao P, Becker AB, Mandhane P, Turvey SE, Beyene J, Atkinson S, Morrison KM, McDonald S, Teo KK, Sears MR, Anand SS; NutriGen Alliance Investigators. Does the impact of a plant-based diet during pregnancy on birth weight differ by ethnicity? A dietary pattern analysis from a prospective Canadian birth cohort alliance. *BMJ Open*. 2017 Nov 14;7(11):e017753.

Jardine MJ, Mahaffey KW, Neal B, Agarwal R, Bakris GL, Brenner BM, Bull S, Cannon CP, Charytan DM, de Zeeuw D, Edwards R, Greene T, Heerspink HJL, Levin A, Pollock C, Wheeler DC, Xie J, Zhang H, Zinman B, Desai M, Perkovic V; CREDENCE study investigators. The Canagliflozin and Renal Endpoints in Diabetes with Established Nephropathy Clinical Evaluation (CREDENCE) Study Rationale, Design, and Baseline Characteristics. *Am J Nephrol*. 2017 Dec 13;46(6):462-72.

HAYNES, B.

Morrissey E, Walsh J, Durand H, Navarro T, Nieuwlaat R, Haynes RB, Molloy GJ. Effectiveness and content analysis of interventions to enhance medication adherence and blood pressure control in hypertension: A systematic review and meta-analysis protocol. *Psychol Health*. 2017 Oct;32(10):1195-232. Erratum. Morrissey E, et al. Systematic Reviews. 2017 Feb 17;6(1):30.

Van Spall HG, Rahman T, Mytton O, Ramasundarahettige C, Ibrahim Q, Kabali C, Coppens M, Haynes RB, Connolly S. Comparative effectiveness of transitional care services in patients discharged from the hospital with heart failure: a systematic review and network meta-analysis. *Eur J Heart Fail*. Epub 2017 Feb 24.

Barbara AM, Dobbins M, Haynes RB, Iorio A, Lavis JN, Raina P, Levinson AJ. McMaster Optimal Aging Portal: An evidence-based database for geriatrics-focused health professionals. *BMC Res Notes*. 2017;10:271.

Afzal M, Hussain M, Haynes RB, Lee S. Context-aware grading of quality evidences for evidence-based decision-making. *Health Informatics J*. 2017 Aug 1:1460458217719560.

Selva A, Solà I, Zhang Y, Pardo-Hernandez H, Haynes RB, Martínez García L, Navarro T, Schünemann H, Alonso-Coello P. Development and use of a content search filter for studies on how patients and other stakeholders value health outcomes. *Health Qual Life Outcomes*. 2017;15:126.

Allemann SS, Nieuwlaat R, Navarro T, Haynes B, Hersberger KE, Arnet I. Congruence between patient characteristics and interventions may partly explain medication adherence intervention effectiveness: an analysis of 190 randomized controlled trials from a Cochrane systematic review. *J Clin Epidemiol*. 2017 Nov;91:70-9.

HAYWARD, C.

Badin MS, Iyer JK, Chang M, Graf L, Waye J, Rivard GE, Pare G, Hayward CPM. Molecular phenotype and bleeding risks of an inherited platelet disorder in a family with a RUNX1 frameshift mutation. *Haemophilia*. 2017 May;23(3):e204-e213. Epub 2017 Feb 8.

Hayward CPM, Liang M, Tasneem S, Soomro A, Waye JS, Paterson A, Rivard G, Wilson M. The duplication mutation of Quebec platelet disorder dysregulates PLA2U, but not C10orf55, selectively increasing

PUBLICATIONS

production of normal PLAU transcripts by megakaryocytes but not granulocytes. *PLoS ONE.* 2017 Mar 16;12(3):e0173991.

Hayward CPM. Update from the President on the International Society for Laboratory Hematology, including initiatives to promote education and best practices. *Int J Lab Hematol.* 2017 May;39(s1):4-5.

Book Chapters

Hayward CPM, Moffat KA. Platelet Aggregation. In: *Platelets in Thrombotic and Non-thrombotic Disorders – Pathophysiology, Pharmacology and Therapeutics: an Update* (Page CP, Gresele P, Kleiman N, Lopez J, Eds.), Springer, pp. 619-35, 2017.

Webert K, Hayward CPM. Approach to patients with bleeding disorders. In: *The Principles and Practices of Hospital Medicine. Second edition*, (McKean S, Dresler D, Ross J, Schurer D Eds.), McGraw-Hill Education Medical, New York, pp. 1392-9, 2017.

HEALEY, J.

Shurrah M, Healey JS, Haj-Yahia S, Kaoutskaia A, Boriani G, Carrizo A, Botti G, Newman D, Padeletti L, Connolly SJ, Crystal E. Reduction in unnecessary ventricular pacing fails to affect hard clinical outcomes in patients with preserved left ventricular function: a meta-analysis. *Europace.* 2017 Feb 1;19(2):282-8.

Lauw MN, Eikelboom JW, Coppens M, Wallentin L, Yusuf S, Ezekowitz M, Oldgren J, Nakamya J, Wang J, Connolly SJ. Effects of dabigatran according to age in atrial fibrillation. *Heart.* 2017 Jul;103(13):1015-23.

Padfield GJ, Steinberg C, Swampillai J, Qian H, Connolly SJ, Dorian P, Green MS, Humphries KH, Klein GJ, Sheldon R, Talajic M, Kerr CR. Progression of paroxysmal to persistent atrial fibrillation: Canadian Registry of Atrial Fibrillation 10-year follow-up. *Heart Rhythm.* 2017;14(6):801-7.

Hart RG, Catanese L, Perera KS, Ntaios G, Connolly SJ. Embolic Stroke of Undetermined Source: A Systematic Review and Clinical Update. *Stroke.* 2017;48(4):867-72.

Van Gelder IC, Healey JS, Crijns HJGM, Wang J, Hohnloser SH, Gold MR, Capucci A, Lau CP, Morillo CA, Hobbel AH, Rienstra M, Connolly SJ. Duration of device-detected subclinical atrial fibrillation and occurrence of stroke in ASSERT. *Eur Heart J.* 2017;38(17):1339-44.

Essebag V, Proietti R, Birnie DH, Wang J, Douketis J, Couto B, Parkash R, Lip GY, Hohnloser SH, Moriarty A, Oldgren J, Connolly SJ, Ezekowitz M, Healey JS. Short-term dabigatran interruption before cardiac rhythm device implantation: multi-centre experience from the RE-LY trial. *Europace.* 2017;19(10):1630-6.

Guimarães PO, Lopes RD, Wojdyla DM, Abdul-Rahim AH, Connolly SJ, Flaker GC, Wang J, Hanna M, Granger CB, Wallentin L, Lees KR, Alexander JH, McMurray JJV. Effect of Apixaban on All-Cause Death in Patients with Atrial Fibrillation: a Meta-Analysis Based on Imputed Placebo Effect. *Cardiovasc Drugs Ther.* 2017;32(3):295-301.

Verdecchia P, Rebaldi G, Angelini F, Mazzotta G, Lip GYH, Brueckmann M, Kleine E, Wallentin L, Ezekowitz MD, Yusuf S, Connolly SJ, Di Pasquale G. Dabigatran vs. warfarin in relation to the presence of left ventricular hypertrophy in patients with atrial fibrillation- the Randomized Evaluation of Long-term anticoagulation therapY (RE-LY) study. *Europace.* 2017;20(2):253-62.

Lopes RD, Alings M, Connolly SJ, Beresh H, Granger CB, Mazuecos JB, Boriani G, Nielsen JC, Conen D, Hohnloser SH, Mairesse GH, Mabo P, Camm AJ, Healey JS. Rationale and design of the Apixaban for the Reduction of Thrombo-Embolism in Patients with Device-Detected Sub-Clinical Atrial Fibrillation (ARTESiA) trial. *Am Heart J.* 2017 Jul;189:137-45.

Bosch J, Eikelboom JW, Connolly SJ, Bruns NC, Lanius V, Yuan F, Misselwitz F, Chen E, Diaz R, Alings M, et al. Rationale, Design

and Baseline Characteristics of Participants in the Cardiovascular Outcomes for People Using Anticoagulation Strategies (COMPASS) Trial. *Can J Cardiol.* 2017 Aug;33(8):1027-35.

Hijazi Z, Oldgren J, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Reilly PA, Yusuf S, Siegbahn A, Wallentin L. Growth-differentiation factor 15 and risk of major bleeding in atrial fibrillation: Insights from the Randomized Evaluation of Long-Term Anticoagulation Therapy (RE-LY) trial. *Am Heart J.* 2017 Aug;190:94-103.

Healey JS, Alings M, Ha AC, Leong-Sit P, Birnie DH, de Graaf JJ, Freericks M, Verma A, Wang J, Leong D, Dokainish H, Philippou F, Barake W, McIntyre WF, Simek KD, Hill MD, Mehta SR, Carlson M, Smeele F, Pandey AS, Connolly SJ; ASSERT-2 Investigators. Subclinical Atrial Fibrillation in Older Patients. *Circulation.* 2017;136(14):1276-83.

Eikelboom JW, Connolly SJ, Bosch J, Dagenais GR, Hart RG, Shestakowska O, Diaz R, Alings M, Lonn EM, Anand SS, et al. Rivaroxaban with or without Aspirin in Stable Cardiovascular Disease. *N Engl J Med.* 2017;377(14):1319-30.

Proietti M, Hijazi Z, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Lane DA, Oldgren J, Roldan V, Yusuf S, Wallentin L; RE-LY Investigators. Comparison of Bleeding Risk Scores in Patients with Atrial Fibrillation: Insights from the RE-LY Trial. *J Intern Med.* 2017;283(3):282-92.

McIntyre WF, Connolly SJ, Healey JS. Atrial fibrillation occurring transiently with stress. *Curr Opin Cardiol.* 2017;33(1):58-65.

Hijazi Z, Oldgren J, Lindbäck J, Alexander JH, Connolly SJ, Eikelboom JW, Ezekowitz MD, Held C, Hylek EM, Lopes RD, Yusuf S, Granger CB, Siegbahn A, Wallentin L. A biomarker-based risk score to predict death in patients with atrial fibrillation: the ABC (age, biomarkers, clinical history) death risk score. *Eur Heart J.* 2017;39(6):477-85.

Connolly SJ, Eikelboom JW, Bosch J, Dagenais G, Dyal L, Lanas F, Metsarinne 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, Yusoff 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.* Epub 2017 Nov 10.

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.* Epub 2017 Nov 10.

Walsh M, Connolly SJ. Another Dimension of Safety in the Prescription of Anticoagulants for Nonvalvular Atrial Fibrillation. *J Am Coll Cardiol.* 2017 Nov 28;70(21):2633-5.

HECKMAN, G.

van Solm AIT, Hirdes JP, Eckel LA, Heckman GA, Bigelow PL. Using standard clinical assessments for home care to identify vulnerable populations before, during, and after disasters. *J Emerg Manag.* 2017 Nov/Dec;15(6):355-66.

Betini RSD, Hirdes JP, Lero DS, Cadell S, Poss J, Heckman G. A longitudinal study looking at and beyond care recipient health as a predictor of long term care home admission. *BMC Health Serv Res.* 2017 Nov 9;17(1):709.

Ezekowitz JA, O'Meara E, McDonald MA, Abrams H, Chan M, Ducharme A, Giannetti N, Grzeslo A, Hamilton PG, Heckman GA, Howlett JG, Koshman SL, Lepage S, McKelvie RS, Moe GW, Rajda

M, Swiggum E, Virani SA, Zieroth S, Al-Hesayen A, Cohen-Solal A, D'Astous M, De S, Estrella-Holder E, Fremen S, Green L, Haddad H, Harkness K, Hernandez AF, Kouz S, LeBlanc MH, Masoudi FA, Ross HJ, Roussin A, Sussex B. 2017 Comprehensive Update of the Canadian Cardiovascular Society Guidelines for the Management of Heart Failure. *Can J Cardiol.* 2017 Nov;33(11):1342-433. Epub 2017 Sep 6.

Rios S, Perlman CM, Costa A, Heckman G, Hirdes JP, Mitchell L. Antipsychotics and dementia in Canada: a retrospective cross-sectional study of four health sectors. *BMC Geriatr.* 2017 Oct 23;17(1):244. Erratum in: *BMC Geriatr.* 2018 May 31;18(1):128.

Boscart VM, Heckman GA, Huson K, Brohman L, Harkness KI, Hirdes J, McKelvie RS, Stolee P. Implementation of an interprofessional communication and collaboration intervention to improve care capacity for heart failure management in long-term care. *J Interprof Care.* 2017 Sep;31(5):583-92. Epub 2017 Sep 6.

Heckman GA, Boscart VM, Huson K, Costa A, Harkness K, Hirdes JP, Stolee P, McKelvie RS. Enhancing Knowledge and InterProfessional care for Heart Failure (EKWIP-HF) in long-term care: a pilot study. *Pilot Feasibility Stud.* 2017 Jul 6;4:9. Erratum in: *Pilot Feasibility Stud.* 2017 Oct 24;3:48.

Piraino E, Byrne K, Heckman GA, Stolee P. Caring in the Information Age: Personal Online Networks to Improve Caregiver Support. *Can Geriatr J.* 2017 Jun 30;20(2):85-93.

Keller HH, Carrier N, Slaughter SE, Lengyel C, Steele CM, Duizer L, Morrison J, Brown KS, Chaudhury H, Yoon MN, Duncan AM, Boscart V, Heckman G, Villalon L. Prevalence and Determinants of Poor Food Intake of Residents Living in Long-Term Care. *J Am Med Dir Assoc.* 2017 Nov 1;18(11):941-7. Epub 2017 Jun 28.

Lee L, Patel T, Costa A, Bryce E, Hillier LM, Slonim K, Hunter SW, Heckman G, Molnar F. Screening for frailty in primary care: Accuracy of gait speed and hand-grip strength. *Can Fam Physician.* 2017 Jan;63(1):e51-e57.

Keller HH, Carrier N, Slaughter S, Lengyel C, Steele CM, Duizer L, Brown KS, Chaudhury H, Yoon MN, Duncan AM, Boscart VM, Heckman G, Villalon L. Making the Most of Mealtimes (M3): protocol of a multi-centre cross-sectional study of food intake and its determinants in older adults living in long term care homes. *BMC Geriatr.* 2017 Jan 13;17(1):15.

Heckman GA, Crizzle AM, Chen J, Pringsheim T, Jette N, Kergoat MJ, Eckel L, Hirdes JP. Clinical Complexity and Use of Antipsychotics and Restraints in Long-Term Care Residents with Parkinson's Disease. *J Parkinsons Dis.* 2017;7(1):103-15.

Heckman GA, Boscart VM, D'Elia T, Kaasalainen S, McAiney C, Kelley ML, Stolee P, Strachan P, McKelvie RS. The role of unregulated care providers in managing heart failure patients in long-term care facilities. *J Clin Nurs.* 2017 Mar;26(5-6):849-61.

Books

Gray L, Ariño-Blasco S, Berg K, Fries BE, Heckman G, Jónsson PV, Kergoat MJ, Morris JN, Peel NM, Sinha S, Sjöstrand F, Steel K, Wellens NIH. interRAI Acute Care for Comprehensive Geriatric Assessment (AC-CGA) Form and User's Manual, Version 9.3. interRAI, Washington, DC, 2017.

Gray L, Ariño-Blasco S, Berg K, Boscart VM, Heckman G, Hubbard R, Jónsson PV, Peel NM, Pimm B, Sinha SK, Wellens NIH, Wood S. interRAI Acute Care (AC) Assessment Forms and User's Manual, 9.3. interRAI, Washington, DC, 2017.

HEDDLE, N.

Zeller MP, Arnold DM, Al-Habsi K, Cserti-Gazdewich C, Delage G, Lebrun A, Heddle NM. Paroxysmal cold hemoglobinuria: A difficult diagnosis in adult patients. *Transfusion.* 2017 Jan;57(1):137-43.

Ziman A, Cohn C, Carey PM, Dunbar NM, Fung MK, Greinacher A, Stanworth S, Heddle NM, Delaney M, and the Biomedical Excellence for Safer Transfusion (BEST) Collaborative. Warm-reactive (immunoglobulin G) autoantibodies and laboratory testing best practices: Review of the literature and survey of current practice. *Transfusion.* 2017 Feb;57(2):463-77.

Heddle NM, Cook RJ, Eikelboom JW. Short-term versus long-term blood storage. *N Engl J Med.* 2017 Mar;376(11):1092-3.

Delaney M, Wikman A, van de Watering L, Schoneville H, Verdoes JP, Emery SP, Murphy MF, Staves J, Flach S, Arnold DM, Kaufman RM, Ziman A, Harm SK, Fung M, Eppes CS, Dunbar NM, Buser A, Meyer E, Savoia H, Abeysinghe P, Heddle NM, Tinmouth A, Traore AN, Yazer MH, BEST Collaborative. Blood group antigen matching influence on gestational outcomes (AMIGO) study. *Transfusion.* 2017 Mar;57(3):525-32.

Shih AW, Jamula E, Diep C, Lin Y, Armali C, Heddle NM, Traore A, Doherty J, Shah N, Hillis CM. Audit of provincial IVIG request forms and efficacy documentation in four Ontario tertiary care centres. *Transfusion Med.* 2017 Apr;27(2):122-31.

Chai-Adisaksophap C, Alexander PE, Guyatt G, Crowther MA, Heddle NM, Devereaux PJ, Ellis M, Roxby D, Sessler DL, Eikelboom JW. Mortality outcomes in patients transfused with fresher versus older red blood cells: A meta-analysis. *Vox Sanguinis.* 2017 Apr;112(3):268-78.

Barty RL, Pai M, Liu Y, Arnold DM, Cook RJ, Zeller MP, Heddle NM. Group O RBCs: Where is universal donor blood being used? *Vox Sanguinis.* 2017 May;112(4):336-42.

Zeller MP, Barty RL, Aandahl A, Apelseth TO, Callum J, Dunbar NM, Elahie A, Garritsen H, Hancock H, Kutner JM, Manukian B, Mizuta S, Okuda M, Pagano MB, Poglod R, Rushford K, Selleng K, Sorensen CH, Sprogoe U, Staves J, Weiland T, Wendel S, Wood EM, van de Watering L, van Wordragen-Vlaswinkel M, Ziman A, Jan Zwaginga J, Murphy MF, Heddle NM, Yazer MH, Biomedical Excellence for Safer Transfusion (BEST) Collaborative. An international investigation into O red blood cell unit administration in hospitals: The GRoup O Utilization Patterns (GROUP) study. *Transfusion.* 2017 Oct; 57(10):2329-37.

Heddle NM. From cytokines to pragmatic designs: Changing paradigms. *Transfusion.* 2017 Oct;57(10):2298-306.

Cook RJ, Heddle NM, Lee KA, Arnold DM, Crowther MA, Ellis M, Figueroa P, Kurz A, Roxby D, Sessler DL, Sharon Y, Sobieraj-Teague M, Warkentin TE, Weber KE, Barty RL, Liu Y, Eikelboom JW. Red blood cell storage and in-hospital mortality: A secondary analysis of the INFORM randomised controlled trial. *Lancet Haematology.* 2017 Nov;4(11):e544-e552.

HIROTA, J.

Pascoe CD, Obeidat M, Arsenault BA, Nie Y, Warner S, Stefanowicz D, Wadsworth SJ, Hirota JA, Jasemine Yang S, Dorsch DR, Carlsten C, Hackett TL, Seow CY, Paré PD. Gene expression analysis in asthma using a targeted multiplex array. *BMC Pulm Med.* 2017 Dec 11;17(1):189.

Huff RD, Rider CF, Yan D, Newton R, Giembycz MA, Carlsten C, Hirota JA. Inhibition of ABCC4 potentiates combination beta agonist and glucocorticoid responses in human airway epithelial cells. *J Allergy Clin Immunol.* 2018 Mar;141(3):1127-1130.e5. Epub 2017 Dec 6.

Huff RD, Hsu AC, Nichol KS, Jones B, Knight DA, Wark PAB, Hansbro PM, Hirota JA. Regulation of xanthine dehydrogenase gene expression and uric acid production in human airway epithelial cells. *PLoS One.* 2017 Sep 1;12(9):e0184260.

Hansbro PM, Kim RY, Starkey MR, Donovan C, Dua K, Mayall JR, Liu G, Hansbro NG, Simpson JL, Wood LG, Hirota JA, Knight DA, Foster PS, Horvat JC. Mechanisms and treatments for severe, steroid-resistant allergic airway disease and asthma. *Immunol Rev.* 2017 Jul;278(1):41-62.

Ahmadi S, Bozoky Z, Di Paola M, Xia S, Li C, Wong AP, Wellhauser L, Molinski SV, Ip W, Ouyang H, Avolio J, Forman-Kay JD, Ratjen F, Hirota

PUBLICATIONS

- JA, Rommens J, Rossant J, Gonska T, Moraes TJ, Bear CE. Phenotypic profiling of CFTR modulators in patient-derived respiratory epithelia. *NJP Genom Med.* 2017 Apr 14;2:12.
- Bazett M, Biala A, Huff RD, Zeglinksi MR, Hansbro PM, Bosiljcic M, Gunn H, Kalyan S, Hirota JA. Attenuating immune pathology using a microbial-based intervention in a mouse model of cigarette smoke-induced lung inflammation. *Respir Res.* 2017 May 15;18(1):92.
- Kim RY, Pinkerton JW, Essilfie AT, Robertson AAB, Baines KJ, Brown AC, Mayall JR, Ali MK, Starkey MR, Hansbro NG, Hirota JA, Wood LG, Simpson JL, Knight DA, Wark PA, Gibson PG, O'Neill LAJ, Cooper MA, Horvat JC, Hansbro PM. Role for NLRP3 Inflammasome-mediated, IL-1 β -Dependent Responses in Severe, Steroid-Resistant Asthma. *Am J Respir Crit Care Med.* 2017 Aug 1;196(3):283-97.
- Maestre-Battle D, Pena OM, Hirota JA, Gunawan E, Rider CF, Sutherland D, Alexis NE, Carlsten C. Novel flow cytometry approach to identify bronchial epithelial cells from healthy human airways. *Sci Rep.* 2017 Feb 6;7:42214.
- Pinkerton JW, Kim RY, Robertson AAB, Hirota JA, Wood LG, Knight DA, Cooper MA, O'Neill LAJ, Horvat JC, Hansbro PM. Inflammasomes in the lung. *Mol Immunol.* 2017 Jun;86:44-55. Epub 2017 Jan 24.
- Kramer MM, Hirota JA, Sood A, Teschke K, Carlsten C. Airway and serum adipokines after allergen and diesel exposure in a controlled human crossover study of atopic adults. *Transl Res.* 2017 Apr;182:49-60. Epub 2016 Nov 9.
- Jones B, Donovan C, Liu G, Gomez HM, Chimankar V, Harrison CL, Wiegman CH, Adcock IM, Knight DA, Hirota JA, Hansbro PM. Animal models of COPD: What do they tell us? *Respirology.* 2017 Jan;22(1):21-32. Epub 2016 Oct 12.
- HOLBROOK, A.**
- Jegathiswaran J, Holbrook A, Bowen J, Burke N, Campbell K, Tarride J. What Influences the Cost Effectiveness of Dabigatran versus Warfarin for Stroke Prevention in Atrial Fibrillation: A Systematic Review. *J Popul Ther Clin Pharmacol.* 2017;24(2):e1-e20.
- Stern S, Holbrook A, Patel A, Patel M, Hillis C. Assessing physician awareness of the Choosing Wisely Canada recommendations. *Can J General Internal Medicine.* 2017;12(3):17-22.
- Goldsmith LJ, Kolhatkar A, Popowich D, Holbrook A, Morgan S, Law M. Understanding the patient experience of cost-related non-adherence to prescription medications through typology development and application. *Social Science & Medicine.* 2017;194:51-9.
- Xu Y, Schulman S, Dowlatshahi D, Holbrook A, Simpson C, Shepherd L, et al. Direct Oral Anticoagulant- or Warfarin-Related Major Bleeding: Characteristics, Reversal Strategies, and Outcomes from a Multicenter Observational Study. *Chest.* 2017;152(1):81-91.
- Lee J, Holbrook A. The efficacy of fall-risk-increasing drug (FRID) withdrawal for the prevention of falls and fall-related complications: protocol for a systematic review and meta-analysis. *Systematic Reviews.* 2017;6(1):33.
- Lee J, Holbrook A. In patients receiving palliative care, risperidone or haloperidol increased delirium symptoms vs placebo. *Ann intern Med.* 2017;166(6):Jc32.
- Muratov S, Lee J, Holbrook A, Paterson JM, Guertin JR, Mbuagbaw L, et al. Senior high-cost healthcare users' resource utilization and outcomes: a protocol of a retrospective matched cohort study in Canada. *BMJ Open.* 2017;7(12).
- Habibi R, Lexchin J, Mintzes B, Holbrook A. Unwarranted claims of drug efficacy in pharmaceutical sales visits: are drugs approved on the basis of surrogate outcomes promoted appropriately? *Br J Clin Pharmacol.* 2017;83(11):2549-56.
- Christie R, Sketris I, Andreou P, Holbrook A, Levy A, Tamim H. Does the Number of Pharmacies a Patient Frequent Affect Adherence to Statins? *Journal of population therapeutics and clinical pharmacology.* 2017;24(2):e20-e50.
- Holbrook A. Transdermal Hormone Therapy for Post-menopausal women and trans-gender persons: Clinical Review of Evidence. Advisory Report to Ontario Public Drug Programs, Ministry of Health and Long Term Care. 2017 Mar.
- HUNT, R.**
- Hunt RH, Yaghoobi M. The Esophageal and Gastric Microbiome in Health and Disease. *Gastroenterol Clin North Am.* 2017 Mar;46(1):121-41.
- Rugge M, Genta RM, Di Mario F, El-Omar EM, El-Serag HB, Fassan M, Hunt RH, Kuipers EJ, Malfertheiner P, Sugano K, Graham DY. Gastric Cancer as a Preventable Disease. *Clin Gastroenterol Hepatol.* 2017;15:1833-43. Epub 2017 May 19.
- Yaghoobi M, McNabb-Baltar J, Bijarchi R, Hunt RH. What is the quantitative risk of gastric cancer in the first-degree relatives of patients? A meta-analysis. *World J Gastroenterol.* 2017 Apr 7;23(13):2435-42.
- Hunt RH, Armstrong D, Katelaris PK, Afihene M, Bane A, Bhatia S, Chen MH, Choi MG, Melo AC, Fock KM, Ford A, Hongo M, Khan A, Lazebnik L, Lindberg G, Lizarzabal M, Myint T, Moraes-Filho JP, Salis G, Lin JT, Vaidya R, Abdo A, LeMair A; WGO Global Guideline review team; World Gastroenterology Organisation Global Guidelines: GERD Global Perspective on Gastroesophageal Reflux Disease. *J Clin Gastroenterol.* 2017 Jul;51(6):467-78.
- Bastaki SMA, Padol IT, Amir N, Hunt RH. Effect of Aspirin 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. *Mol Cell Biochem.* 2018 Jan;438(1-2):25-34. Epub 2017 Aug 1.
- Fallone CA, Gisbert JP, Chiba N, Veldhuyzen van Zanten S, Fischbach L, Hunt RH, Jones NL, Render C, Leontiadis GI, Moayyedi P, Marshall JK. *Gastroenterology.* 2017 Jan;152(1):303-4. Epub 2016 Nov 26.
- Malfertheiner P, Megraud F, O'Morain CA, Gisbert JP, Kuipers EJ, Axon AT, Bazzoli F, Gasbarrini A, Atherton J, Graham DY, Hunt RH, Moayyedi P, Rokkas T, Rugge M, Selgrad M, Suerbaum S, Sugano K, El-Omar EM; European Helicobacter and Microbiota Study Group and Consensus panel. Management of Helicobacter pylori infection-the Maastricht V/Florence Consensus Report. *Gut.* 2017 Jan;66(1):6-30. Epub 2016 Oct 5.
- HYNES, A.**
- Hynes AP, Rousseau GM, Lemay M-L, Horvath P, Romero DA, Fremaux C, and Moineau S. An anti-CRISPR from a virulent streptococcal phage inhibits SpCas9. *Nature Microbiology.* 2017;2(10):1374-80.
- Hynes AP, Lemay M-L, Trudel L, Deveau H, Frenette M, Tremblay DM, and Moineau S. Detecting natural adaptation of the Streptococcus thermophilus CRISPR-Cas systems in research and classroom settings. *Nature Protocols.* 2017;12:547-65.
- KEAN, W.**
- Book Chapters*
- Kean W, Kean C, Hogan M, Osteoarthritis. Compendium of Therapeutic Choices Print Version. In: Compendium of Therapeutic Choices, 7th ed. (Jovaisas B, Ed.), Canadian Pharmacists Association, Ottawa, ON, 2017.
- Kean W, Kean C, Hogan M. Compendium of Therapeutic Choices Online Version: Osteoarthritis. In: eTherapeutics+ Complete. Canadian Pharmacists Association, Ottawa, ON, 2017.
- KEARON, C.**
- Douketis J, Ageno W, Carrier M, Kearon C. Managing challenging patients with venous thromboembolism: a practical, case-based approach. *Pol Arch Intern Med.* 2017 Jan 45;127(1):41-6.

Vedantham S, Goldhaber S, Julian J, Math M, Kahn S, Jaff M, Cohen D, Magnuson E, Razavi M, Comerota A, Gornik H, Murphy T, Lewis L, Duncan J, Nieters P, Derfler M, Filion M, Gu C-S, Kee S, Schneider J, Saad N, Blinder M, Moll S, Sacks D, Lin J, Rundback J, Garcia M, Razdan R, VanderWoude E, Marques V, Kearon C, for the ATTRACT Trial Investigators. Pharmacomechanical Catheter-Directed Thrombolysis for Deep-Vein Thrombosis. *N Engl J Med.* 2017;377:2240-52.

Roshanov PS, Eikelboom JW, Crowther M, Tandon V, Borges FK, Kearon C, Lamy A, Whitlock R, Biccard BM, Szczeklik W, Guyatt GH, Panju M, Spence J, Garg AX, McGillion M, VanHelder T, Kavsak PA, de Beer J, Winemaker M, Sessler DL, Le Manach Y, Sheth T, Pinthus JH, Thabane L, Simunovic MRI, Mizera R, Ribas S, Devereux PJ. Bleeding impacting mortality after noncardiac surgery: a protocol to establish diagnostic criteria, estimate prognostic importance, and develop and validate a prediction guide in an international prospective cohort study. *CMAJ Open.* 2017;5(3):E594-E603.

Khan F, Rahman A, Carrier M, Kearon C, Schulman S, Couturaud F, Prandoni P, Eichinger S, Becattini C, Agnelli G, Buller HR, Brighton TA, Palareti G, Pinede L, Sabri E, Hutton B, Wells GA, Rodger MA. Long-term risk of recurrence after discontinuing anticoagulants for a first unprovoked venous thromboembolism: protocol for a systematic review and meta-analysis. *BMJ Open.* 2017;7(9):16950.

Takach LS, Julian JA, Linkins LA, Bates S, Kearon C. Comparison of clinical probability-adjusted D-dimer and age-adjusted D-dimer interpretation to exclude venous thromboembolism. *Thromb Haemost.* 2017;117(10):1937-43.

Rodger MA, Le Gal G, Anderson DR, Schmidt J, Pernod G, Kahn SR, Righini M, Mismetti P, Kearon C, Meyer G, Elias A, Ramsay T, Ortell TL, Huisman MV, Kovacs MJ. Validating the HERDOO2 rule to guide treatment duration for women with unprovoked venous thrombosis: multinational prospective cohort management study. *BMJ.* 2017;356:j1065.

Book Chapters

Kearon C, Bauer KA. Clinical presentation and diagnosis of the non-pregnant adult with suspected deep vein thrombosis of the lower extremity. In: UpToDate, (Post TW, Ed.), UpToDate, Waltham, MA, 2017.

Lapner S, Kearon C. Venous Thromboembolism. In: Conn's Current Therapy (Bope ET, Kellerman R, Eds.), Saunders Elsevier, Philadelphia, PA, 2017.

KEITH, P.

Longhurst H, Cicardi M, Craig T, Bork K, Grattan C, Baker J, Li HH, Reshef A, Bonner J, Bernstein JA, Anderson J, Lumry WR, Farkas H, Katelaris CH, Sussman GL, Jacobs J, Riedl M, Manning ME, Hebert J, Keith PK, Kivity S, Neri S, Levy DS, Baeza ML, Nathan R, Schwartz LB, Caballero T, Yang W, Crisan I, Hernandez MD, Hussain I, Tarzi M, Ritchie B, Králíčková P, Guilarde M, Rehman SM, Banerji A, Gower RG, Bensen-Kennedy D, Edelman J, Feuersenger H, Lawo JP, Machnig T, Pawaskar D, Prastg I, Zuraw BL; COMPACT Investigators. Prevention of Hereditary Angioedema Attacks with a Subcutaneous C1 Inhibitor. *Engl J Med.* 2017 Mar 23;376(12):1131-40.

Hellings PW et al. Positioning the principles of precision medicine in care pathways for allergic rhinitis and chronic rhinosinusitis - A EUFOREA-ARIA-EPOS-AIRWAYS ICP statement. *Allergy.* 2017 Sep;72(9):1297-305.

KELTON, J.

Arnold DM, Vrbensky JR, Karim N, Smith JW, Yang Liu, Ivetic N, Kelton JG, Nazy I. The Effect of Rituximab on Anti-Platelet Autoantibody Levels in Patients with Immune Thrombocytopenia. *Br J Haematol.* Epub 2017 Apr 25.

Huynh A, Arnold DM, Moore JC, Smith JW, Kelton JG, Nazy I. Development of a High-Yield Expression and Purification System for Platelet Factor 4. *Platelets.* 2017 Nov 27.

Arnold DM, Nazy I, Clare R, Jaffer AM, Aubie B, Li N, Kelton JG. Misdiagnosis of Primary Immune Thrombocytopenia and Frequency of Bleeding: Lessons from the McMaster ITP Registry. *Blood Adv.* Epub 2017 Nov 28.

KHAN, A.

Khan AA, Hanley DA, Rizzoli R, Bollerslev J, Young JE, Rejnmark L, Thakker R, D'Amour P, Paul T, Van Uum S, Shrayef MZ, Goltzman D, Kaiser S, Cusano NE, Bouillon R, Mosekilde L, Kung AW, Rao SD, Bhadada SK, Clarke BL, Liu J, Duh Q, Lewiecki EM, Bandeira F, Eastell R, Marcocci C, Silverberg SJ, Udelsman R, Davison KS, Potts JT Jr, Brandi ML, Bilezikian JP.

Primary hyperparathyroidism: review and recommendations on evaluation, diagnosis, and management. A Canadian and international consensus. *Osteoporos Int.* 2017 Jan;28(1):1-19. Epub 2016 Sep 9.

Khan M, Cheung AM, Khan AA. Drug-Related Adverse Events of Osteoporosis Therapy. *Endocrinol Metab Clin N Am.* 2017 Mar;46(1):181-92. Epub 2016 Nov 25.

Khan AA, Morrison A, Kendler DL, Rizzoli R, Hanley DA, Felsenberg D, McCauley LK, O'Ryan F, Reid IR, Ruggiero SL, Taguchi A, Tetradis S, Watts NB, Brandi ML, Peters E, Guise T, Eastell R, Cheung AM, Morin SN, Masri B, Cooper C, Morgan SL, Obermayer-Pietsch B, Langdahl BL, Dabagh RA, Davison KS, Sándor GK, Josse RG, Bhandari M, El Rabbany M, Pierro DD, Sulimani R, Saunders DP, Brown JP, Compston J; International Task Force on Osteonecrosis of the Jaw. Case-Based Review of Osteonecrosis of the Jaw (ONJ) and Application of the International Recommendations for Management from the International Task Force on ONJ. *J Clin Densitom.* 2017 Jan – Mar;20(1):8-24.

Taguchi A, Shiraki M, Morrison A, Khan AA. Antiresorptive agent-related osteonecrosis of the jaw in osteoporosis patients from Asian countries. *Osteoporosis and Sarcopenia.* 2017 Jun;3(2):64-74.

Khan AA, Kaiser S. Atypical Femoral Fracture. *CMAJ.* 2017 April 10;189(4):E542.

Syed H, Khan A. Primary hyperparathyroidism: diagnosis and management in 2017. *Pol Arch Intern Med.* 2017 Jun 30;127(6):438-41.

Khan A, Kenshole A, Ezzat S, Goguen J, Gomez-Hernandez K, Hegele RA, Houlden R, Joy T, Keely E, Killinger D, Lacroix A, Laredo S, Prebtani AP, Shrayef MZ, Tran C, Van Uum S, Reardon R, Papageorgiou A, Tays W, Edmonds M. Tools for Enhancement and Quality Improvement of Peer Assessment and Clinical Care in Endocrinology and Metabolism. *J Clin Densitom.* Epub 2017 Jul 21.

Sulimani RA, Mohammed AG, Alshehri SN, Alfadda AA, Al-Othman A, Khan AA. A weekly 35,000 IU vitamin D supplementation improves bone turnover markers in vitamin D deficient Saudi adolescent females. *Arch Osteoporos.* 2017 Sep 30;12(1):85.

Fouda MA, Khan AA, Sultan M, Rios LP, McAssey K, Armstrong D. Corrigendum to "Evaluation and Management of Skeletal Health in Celiac Disease: Position Statement". *Can J Gastroenterol Hepatol.* Epub 2017 Jul 2.

Bilezikian JP, Bandeira L, Khan A, Cusano NE. Hyperparathyroidism. *Lancet.* Epub 2017 Sep 17.

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. *J Geriatr Phys Ther.* Epub 2017 Nov 28.

Book Chapter

Hashem W, Orr C, Khan A. Hypercalcemia – Evidence based review on diagnosis and management. In: Textbook of Medical and Surgical Management of Parathyroid Disease, Springer, 2017.

PUBLICATIONS

KIM, P.

Wu C, Stafford AR, Fredenburgh JC, Weitz JI, Gils A, Declerck PJ, Kim PY. Lys 42/43/44 and Arg 12 of thrombin-activatable fibrinolysis inhibitor comprise a thrombomodulin exosite essential for its antifibrinolytic potential. *Thromb Haemost*. 2017 Jul 26;117(8):1509-17. Epub 2017 Jun 22.

Chen K, Stafford AR, Wu C, Yeh CH, Kim PY, Fredenburgh JC, Weitz JI. Exosite 2-Directed Ligands Attenuate Protein C Activation by the Thrombin-Thrombomodulin Complex. *Biochemistry*. 2017 Jun 20;56(24):3119-28. Epub 2017 Jun 7.

Pepler L, Wu C, Dwivedi DJ, Wu C, Kim PY, Liaw PC. The impact of the endothelial protein C receptor on thrombin generation and clot lysis. *Thromb Res*. 2017 Apr;152:30-7. Epub 2017 Feb 3.

KOLB, M.

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- β 1 Induced Pulmonary Fibrosis. *Am J Respir Cell Mol Biol*. Epub 2017 Nov 8.

Singpiel A, Kramer J, Maus R, Stolper J, Bittersohl LF, 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*. Epub 2017 Oct 26.

Kreuter M, Bendstrup E, Russell AM, Bajwah S, Lindell K, Adir Y, Brown CE, Calligaro G, Cassidy N, Corte TJ, Geissler K, Hassan AA, Johansson JK, Kairalla R, Kolb M, Kondoh Y, Quadrelli S, Swigris J, Udvaria Z, Wells A, Wijsenbeek M. Palliative Care in Interstitial Lung Disease: Living Well. *Lancet Respir Med*. Epub 2017 Oct 12.

Ayoub E, Dubey A, Imani J, Botelho F, Kolb M, Richards C, and Ask K. Overexpression of OSM and IL-6 impacts the polarization of profibrotic macrophages and the development of bleomycin-induced lung fibrosis. *Sci Rep*. 2017 Oct 16;7(1):13281.

Walsh SLF, Maher TM, Kolb M, Poletti V, Nusser R, Richeldi L, Vancheri C, Wilsher ML, Antoniou KM, Behr J, Bendstrup E, Brown K, Calandriello L, Corte TJ, Cottin V, Crestani B, Flaherty K, Glaspole I, Grutters J, Inoue Y, Kokosi M, Kondoh Y, Kouranos V, Kreuter M, Johannsson K, Judge E, Ley B, Margaritopoulos G, Martinez FJ, Molina-Molina M, Morais A, Nunes H, Raghu G, Ryerson CJ, Selman M, Spagnolo P, Taniguchi H, Tomasetti S, Valeyre D, Wijsenbeek M, Wuyts W, Hansell D, Wells A; IPF Project Consortium. Diagnostic accuracy of a clinical diagnosis of idiopathic pulmonary fibrosis: an international case-cohort study. *Eur Respir J*. 2017 Aug 31;50(2). pii: 1700936.

Kristof AS, Petrof BJ, Hamid Q, Kolb M, Landry JS, MacKenzie A, McCormack FX, Murawski IJ, Moss J, Rauch F, Rosas IO, Shapiro AJ, Smith BM, Thomas DY, Trappnell BC, Young LR, Zariwala MA; ATS Assembly on Respiratory Cell and Molecular Biology. An Official American Thoracic Society Workshop Report: Translational Research in Rare Respiratory Diseases. *Ann Am Thorac Soc*. 2017 Aug;14(8):1239-47.

Zhan Y, Cheng L, Cox G, Kolb M, Chen R, Chen R, Zhong N. A female patient with recurrent lung lesion and hilar lymphadenopathy. *J Thorac Dis*. 2017 Jul;9(7):1858-63.

Johannson KA, Pendharkar SR, Mathison K, Fell CD, Guenette JA, Kalluri M, Kolb M, Ryerson CJ. Supplemental Oxygen in Interstitial Lung Disease: An Art in Need of Science. *Ann Am Thorac Soc*. Epub 2017 Jun 23.

Kolb M, Richeldi L, Behr J, Maher TM, Tang W, Stowasser S, Hallmann C, du Bois RM. Nintedanib in patients with idiopathic pulmonary fibrosis and preserved lung volume. *Thorax*. 2017 Apr;72(4):340-6.

Kreuter M, Spagnolo P, Wuyts W, Renzoni E, Koschel D, Bonella F, Maher TM, Kolb M, Weycker D, Kirchgässler KU, Costabel U. Antacid Therapy and Disease Progression in Patients with Idiopathic Pulmonary Fibrosis Who Received Pirfenidone. *Respiration*. 2017;93(6):415-23. Epub 2017 Apr 12.

Bonniaud P, Bellaye P-S, Burgy O, Kolb M. Heat shock protein: a hot topic in idiopathic pulmonary fibrosis. *Eur Respir J*. 2017 Feb 23;49(2).

Kreuter M, Bonella F, Maher TM, Costabel U, Spagnolo P, Weycker D, Kirchgässler KU, Kolb M. Effect of statins on disease-related outcomes in patients with idiopathic pulmonary fibrosis. *Thorax*. 2017;72:148-53.

Krneta T, Gillgrass A, Poznanski S, Chew M, Kolb M, Ashkar AA. M2-polarized and tumor-associated macrophages alter NK cell phenotype and function in a contact-dependent manner. *J Leukoc Biol*. 2017 Jan;101(1):285-95.

Sato S, Kolb MRJ. Personalised medicine for IPF: getting closer, but not there yet. *Lancet Respir Med*. 2017 Nov;5(11):836-7. Epub 2017 Sep 21.

Kolb M, Bonella F, Wollin L. Therapeutic targets in idiopathic pulmonary fibrosis. *Respir Med*. 2017 Oct;131:49-57.

Jenkins RG, Moore BB, Chambers RC, Eickelberg O, Königshoff M, Kolb M, Laurent GJ, Nanthakumar CB, Olman MA, Pardo A, Selman M, Sheppard D, Sime PJ, Tager AM, Tatler AL, Thannickal VJ, White ES; ATS Assembly on Respiratory Cell and Molecular Biology. An Official American Thoracic Society Workshop Report: Use of Animal Models for the Preclinical Assessment of Potential Therapies for Pulmonary Fibrosis. *Am J Respir Cell Mol Biol*. 2017 May;56(5):667-79.

Hambly N, Cox G, Kolb M. Acute exacerbations of idiopathic pulmonary fibrosis: tough to define; tougher to manage. *Eur Respir J*. 2017 May 19;49(5).

Bonniaud P, Bellaye PS, Burgy O, Kolb M. Heat shock protein: a hot topic in idiopathic pulmonary fibrosis. *Eur Respir J*. 2017 Feb 23;49(2).

KRETZ, C.

Ma Q, Jacobi PM, Emmer BT, Kretz CA, Ozel AB, McGee B, Kimchi-Sarfaty C, Ginsburg D, Li JZ, Desch KC. Genetic variants in ADAMTS13 as well as smoking are major determinants of plasma ADAMTS13 levels. *Blood Adv*. 2017 Jun 19;1(15):1037-46.

Kretz CA. Mapping the Substrate Recognition Landscapes of Metalloproteases Using Comprehensive Mutagenesis. *Methods Mol Biol*. 2017;1579:209-28.

LEGAULT, K.

Book Chapters

Crowther M, Legault K, Garcia D, Tektonidou M, Ugarte A, Bruce I, Erkan D, Ruiz-Irastorza G. Chapter 13: Prevention & Treatment of Thrombotic Antiphospholipid Syndrome (APS). In: *Antiphospholipid Syndrome – Current Research Highlights and Clinical Insights* (Erkan D and Lockshin MD, Eds.).

Legault K, Adachi J, Denburg J, Musial J. Systemic Lupus Erythematosus. In: *McMaster Textbook of Internal Medicine* (Adachi J, Ed.), Medycyna Praktyczna, Kraków, 2017.

Legault K, Crowther M, Zimmermann-Górska I, Musiał J, Skrzypczak J. Antiphospholipid Syndrome. In: *McMaster Textbook of Internal Medicine* (Adachi J, Ed.), Medycyna Praktyczna, Kraków, 2017.

LEONTIADIS, G.

Leontiadis GI. Fecal Immunochemical Tests in Patients at Increased Risk for Colorectal Cancer-Is It Prime Time Yet? *JAMA Intern Med*. 2017 Aug 1;177(8):1119-20.

Laursen SB, Leontiadis GI, Stanley AJ, Hallas J, Schaffalitzky de Muckadell OB. The use of selective serotonin receptor inhibitors (SSRIs) is not associated with increased risk of endoscopy-refractory bleeding, rebleeding or mortality in peptic ulcer bleeding. *Aliment Pharmacol Ther*. 2017 Aug;46(3):355-63.

Chey WD, Leontiadis GI, Howden CW, Moss SF. ACG Clinical Guideline: Treatment of Helicobacter pylori Infection. *Am J Gastroenterol*. 2017 Feb;112(2):212-39.

Enns RA, Hookey L, Armstrong D, Bernstein CN, Heitman SJ, Teshima C, Leontiadis GI, Tse F, Sadowski D. Clinical Practice Guidelines for the Use of Video Capsule Endoscopy. *Gastroenterol*. 2017 Feb;152(3):497-514.

Tse F, Yuan Y, Moayyedi P, Leontiadis GI, Barkun AN. Double-guidewire technique in difficult biliary cannulation for the prevention of post-ERCP pancreatitis: a systematic review and meta-analysis. *Endoscopy*. 2017 Jan;49(1):15-26.

Book Chapter

Leontiadis GI. Peptic ulcer disease. In: McMaster textbook of Internal Medicine (O'Byrne P, Jaeschke R, Gajewski P, Eds.), 2017.

LINKINS, L.

Warkentin TE, Pai M, Linkins LA. Direct oral anticoagulants for treatment of HIT: update of Hamilton experience and literature review. *Blood*. 2017;130:1104-13.

Takach Lapner S, Julian JA, Linkins LA, Bates S, Kearon C. Comparison of clinical probability-adjusted D-dimer and age-adjusted D-dimer interpretation to exclude venous thromboembolism. *Thromb Haemost*. 2017;117:1937-43.

Linkins LA, Takach Lapner S. Review of D-dimer testing: good, bad and ugly. *Int J Lab Hematol*. 2017;39 Suppl 1:98-103.

Warkentin TE, Sheppard JI, Linkins LA, Arnold DM, Nazy I. Performance characteristics of an automated latex immunoturbidimetric assay [HemosIL® HIT-Ab(PF4-H)] for the diagnosis of immune heparin-induced thrombocytopenia. *Thromb Res*. 2017;153:108-17.

Agzarian J, Linkins LA, Schneider L, Hanna WC, Finley CJ, Schieman C, De Perrot M, Crowther M, Douketis J, Shargally Y. Practice patterns in venous thromboembolism (VTE) prophylaxis in thoracic surgery: a comprehensive Canadian Delphi survey. *J Thorac Dis*. 2017;9:80-7.

Chai-Adisaksopha C, Linkins LA, ALKindi SY, Cheah M, Crowther MA, Iorio A. Outcomes of low-molecular-weight heparin treatment for venous thromboembolism in patients with primary and metastatic brain tumours. *Thromb Haemost*. 2017;117:589-94.

LONN, E.

Wang X, Dalmeijer GW, den Ruijter HM, Anderson TJ, Britton AR, Dekker J, Engström G, Evans GW, de Graaf J, Grobbee DE, Hedblad B, Holewijn S, Ikeda A, Kauhanen J, Kitagawa K, Kitamura A, Kurl S, Lonn EM, Lorenz MW, Mathiesen EB, Nijpels G, Okazaki S, Polak JF, Price JF, Rembold CM, Rosvall M, Rundek T, Salonen JT, Sitzer M, Stehouwer CD, Tuomainen TP, Peters SA, Bots ML. Clustering of cardiovascular risk factors and carotid intima-media thickness: the USE-IMT study. *PLoS One*. 2017 Mar 21;12(3):e0173393.

Ridker PM, Lonn E, Paynter NP, Glynn R, Yusuf S. Primary Prevention with Statin Therapy in the Elderly: New Meta-analyses from the contemporary JUPITER and HOPE-3 randomized trials. *Circulation*. 2017 May 16;135(20):1979-981. Epub 2017 Apr 6.

Lincoff AM, Nicholls SJ, Riesmeyer JS, Barter PJ, Brewer HB, Fox KAA, Gibson CM, Granger C, Ménon V, Montalescot G, Rader D, Tall AR, McErlean E, Wolski K, Ruotolo G, Vangerow B, Weerakkody G, Goodman SG, Conde D, McGuire DK, Nicolau JC, Leiva-Pons JL, Pesant Y, Li W, Kandath D, Kouz S, Tahirkhel N, Mason D, Nissen SE; ACCELERATE Investigators. Evacetrapib and cardiovascular outcomes in high-risk vascular disease. *N Engl J Med*. 2017 May 18;376(20):1933-42.

Petrie JR, Chaturvedi N, Ford I, Hramiak I, Hughes AD, Jenkins AJ, Klein B, Klein R, Ooi TC, Rossing P, Sattar N, Stehouwer CD, Colhoun HM; REMOVAL Trial Team. Metformin in adults with type 1 diabetes:

Design and methods of REducing with MetfOrmin Vascular Adverse Lesions (REMOVAL): An international multicentre trial. *Diabetes Obes Metab*. 2017 Apr;19(4):509-16. Epub 2017 Feb 17.

Mancini GB, Cheng AY, Connelly K, Fitchett D, Goldenberg R, Goodman SG, Leiter LA, Lonn E, Paty B, Poirier P, Stone J, Thompson D, Yale JF. Diabetes for cardiologists: practical issues in diagnosis and management. *Can J Cardiol*. 2017 Mar;33(3):366-77. Epub 2016 Jul 26.

Böhm M, Schumacher H, Teo KK, Lonn EM, Mahfoud F, Mann JFE, Mancia G, Redon J, Schmieder RE, Sliwa K, Weber MA, Williams B, Yusuf S. Achieved blood pressure and cardiovascular outcomes in high-risk patients: results from ONTARGET and TRANSCEND trials. *Lancet*. 2017 Jun 3;389(10085):2226-37. Epub 2017 Apr 5.

Britton AR, Grobbee DE, den Ruijter HM, Anderson TJ, Desvarieux M, Engström G, Evans GW, Hedblad B, Kauhanen J, Kurl S, Lonn EM, Mathiesen EB, Polak JF, Price JF, Rembold CM, Rosvall M, Rundek T, Salonen JT, Stehouwer C, Tuomainen TP, Bots ML. Alcohol consumption and common carotid intima-media thickness: The USE-IMT Study. *Alcohol Alcohol*. 2017 Jul 1;52(4):483-6.

Petrie JR, Chaturvedi N, Ford I, Brouwers MCGJ, Greenlaw N, Tillin T, Hramiak I, Hughes AD, Jenkins AJ, Klein BEK, Klein R, Ooi TC, Rossing P, Stehouwer CDA, Sattar N, Colhoun HM; REMOVAL Study Group. Cardiovascular and metabolic effects of metformin in patients with type 1 diabetes (REMOVAL): a double-blind, randomised, placebo-controlled trial. *Lancet Diabetes Endocrinol*. 2017 Aug;5(8):597-609. Epub 2017 Jun 11.

Fitchett D, Cheng A, Connelly K, Goldenberg R, Goodman SG, Leiter LA, Lonn E, Paty B, Poirier P, Stone J, Thompson D, Yale JF, Mancini GB. A practical guide to the use of glucose-lowering agents with cardiovascular benefit or proven safety. *Can J Cardiol*. 2017 Jul;33(7):940-2. Epub 2017 May 9.

Bosch J, Eikelboom JW, Connolly SJ, Bruns NC, Lanius V, Yuan F, Misselwitz F, Chen E, Diaz R, Alings M, Lonn EM, Widimsky P, Hori M, Avezum A, Piegas LS, Bhatt DL, Branch KR, Probstfield JL, Liang Y, Liu L, Zhu J, Maggioni AP, Lopez-Jaramillo P, O'Donnell M, Fox KAA, Kakkar A, Parkhomenko AN, Ertl G, Störk S, Keltai K, Keltai M, Ryden L, Dagenais GR, Pogosova N, Dans AL, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Verhamme PB, Vinereanu D, Kim JH, Ha JW, Tonkin AM, Varigos JD, Lewis BS, Felix C, Yusoff K, Steg PG, Aboyans V, Metsarinne KP, Anand SS, Hart RG, Lamy A, Moayyedi P, Leong DP, Sharma M, Yusuf S. Rationale, Design and Baseline Characteristics of Participants in the Cardiovascular Outcomes for People Using Anticoagulation Strategies (COMPASS) Trial. *Can J Cardiol*. 2017 Aug;33(8):1027-35. Epub 2017 Jun 8.

Eikelboom JW, Connolly SJ, Bosch J, Dagenais GR, Hart RG, Shestakowska O, Diaz R, Alings M, Lonn EM, Anand SS, Widimsky P, Hori M, Avezum A, Piegas LS, Branch KR, Probstfield J, Bhatt DL, Zhu J, Liang Y, Maggioni AP, Lopez-Jaramillo P, O'Donnell M, Kakkar A, Fox KAA, Parkhomenko AN, Ertl G, Störk S, Keltai M, Ryden L, Pogosova N, Dans AL, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Verhamme PB, Vinereanu D, Kim JH, Tonkin AM, Lewis BS, Felix C, Yusoff K, Steg PG, Metsarinne KP, Cook Bruns N, Misselwitz F, Chen E, Leong D, Yusuf S; COMPASS Investigators. Rivaroxaban with or without aspirin in stable cardiovascular disease. *N Engl J Med*. Epub 2017 Aug 27.

Sabatine MS, Giugliano RP, Keech AC, Honarpour N, Wiviott SD, Murphy SA, Kuder JF, Wang H, Liu T, Wasserman SM, Sever PS, Pedersen TR; FOURIER Steering Committee and Investigators. Evolocumab and clinical outcomes in patients with cardiovascular disease. *N Engl J Med*. 2017 May 4;376(18):1713-22. Epub 2017 Mar 17.

Zhu YM, Verma S, Fung M, McQueen MJ, Anderson TJ, Lonn EM. Association of apolipoproteins B and A-1 with markers of vascular health or cardiovascular events. *Can J Cardiol*. 2017 Oct;33(10):1305-11. Epub 2017 Aug 16.

Connolly SJ, Eikelboom JW, Bosch J, Dagenais G, Dyal L, Lanas F, Metsarinne K, O'Donnell M, Dans A, Ha J-W, Parkhomenko AN,

PUBLICATIONS

- Ryden L, Avezum A, Lonn E, Lisheng L, Torp-Pedersen C, Widemsky P, Maggioni AP, Felix C, Keltai K, Hori M, Yusoff K, Guzic TJ, Bhatt D, Kelley KRH, Berkowitz S, Anand S, Fox K, Yusuf S, on behalf of the COMPASS Investigators. Rivaroxaban in stable coronary artery disease. *Lancet*. Epub 2017 Nov 10.
- Guimaraes PO, Granger CB, Stebbins A, Chiswell K, Held C, Hochman JS, Krug-Gourley S, Lonn E, Lopes RD, Stewart RAH, Vineranu D, Wallentin L, White HD, Hagstrom E, Danchin N. Sex differences in clinical characteristics, psychosocial factors, and outcomes among patients with stable coronary heart disease: Insights from the STABILITY (Stabilization of Atherosclerotic Plaque by Initiation of Darapladib Therapy) trial. *J Am Heart Assoc*. 2017 Sep 14;6(9).
- 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, Avezaat 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, randomised, double-blind, placebo-controlled trial. *Lancet*. Epub 2017 Nov 10.
- Stewart RAH, Held C, Hadziosmanovic N, Armstrong PW, Cannon CP, Granger CB, Hagstrom E, Hochman JS, Koenig W, Lonn E, Nicolau JC, Steg PG, Vedin O, Wallentin L, White HD; STABILITY Investigators. Physical activity and mortality in patients with stable coronary heart disease. *J Am Coll Cardiol*. 2017 Oct 3;70(14):1689-700.
- MARSHALL, J.**
- Carter F, Alsayb M, Marshall JK, Yuan Y. Mesalamine (5ASA) for the prevention of recurrent diverticulitis. *Cochrane Database Syst Rev*. 2017 Oct 3; 0:CD009839.
- Tse Y, Armstrong D, Andrews CN, Bitton A, Bressler B, Marshall J, Liu LWC. Treatment algorithm for chronic idiopathic constipation and constipation-predominant irritable bowel syndrome derived from a Canadian national survey and needs assessment on choices of therapeutic agents. *Can J Gastroenterol Hepatol*. 2017;2017:8612189.
- Ghosh S, Louis E, Beaugerie L, Bossuyt P, Bougen G, Bourreille A, Ferrante M, Franchimont D, Frost K, Hebuterne X, Marshall JK, O'Shea C, Rosenfeld G, Williams C, Peyrin-Biroulet L. Development of the IBD Disk: a visual self-administered tool for assessing disability in inflammatory bowel disease. *Inflamm Bowel Dis*. 2017;23:333-40.
- MCCOMAS, A.**
- McComas A, DeBruin H, Fu W. Quantitative input-output relationships between human soleus muscle spindle afferents and motoneurons. *J Neurophysiol*. 2017;119:887-93.
- MEADE, M.**
- Murray MJ, DeBlock H, Erstad B, Gray A, Jacobi J, Jordan C, McGee W, McManus C, Meade MO, Nix S, Patterson A, Sands MK, Pino R, Tescher A, Arbour R, Rochwerg B, Murray CF, Mehta S. Clinical practice guidelines for sustained neuromuscular blockade in the adult critically ill patient: 2016 update—executive summary. *Am J Health-System Pharm*. 2017 Jan;74(2):76-8.
- McCredie VA, Ferguson ND, Pinto RL, Adhikari NK, Fowler RA, Chapman MG, Burrell A, Baker AJ, Cook DJ, Meade MO, Scales DC; Canadian Critical Care Trials Group. Airway Management Strategies for Brain-injured Patients Meeting Standard Criteria to Consider Extubation. A Prospective Cohort Study. *Ann Am Thorac Soc*. 2017 Jan;14(1):85-93.
- Turgeon A, Lauzier F, Zarychanski R, Fergusson D, Leger C, McIntyre L, Rigamonti A, Burns KE, Griesdale D, Green R, Scales D, Meade MO, Savard M, Shemilt M, Paquet J, Gariepy JL, Lavoie A, Reddy K, Jichici D, Pagliarello G, Zygun D, Moore L for the Canadian Critical Care Trials Group. Prognostication in critically ill patients with severe traumatic brain injury: The TBI-Prognosis multicenter feasibility study. *BMJ Open*. 2017 Apr 17;7(4):e013779.
- Lamontagne F, Cook DJ, Meade MO, Seely A, Day A, Charbonney E, Serri K, Skrobik Y, Hebert P, St. Arnaud C, Quiroz-Martinez H, Heyland DK for the Canadian Critical Care Trials Group. Vasopressor use for severe hypotension - A multicentre prospective observational study. *PLOS One*. 2017 Jan 20;12(1):e0167840.
- Duffett M, Choong K, Parker M, Foster J, Meade MO, Cook DJ, Menon K for the Canadian Critical Care Trials Group. High-quality randomized controlled trials in pediatric critical care: A survey of barriers and facilitators. *Ped Crit Care Med*. 2017 May;18(5):405-13.
- D'Aragon F, Belley-Cote E, Agarwal A, Frenette AJ, Lamontagne F, Guyatt G, Dhanani S, Meade MO. Effect of corticosteroid administration on neurologically deceased organ donors and transplant recipients: a systematic review and meta-analysis. *BMJ Open*. 2017 Jun 30;7(6):e014436.
- Fan E, Del Sorbo L, Goligher EC, Hodgson CL, Munshi L, Walkey AJ, Adhikari NKJ, Amato MBP, Branson R, Brower RG, Ferguson ND, Gajic O, Gattinoni L, Hess D, Mancebo J, Meade MO, McAuley DF, Pesenti A, Ranieri VM, Rubenfeld GD, Rubin E, Seckel M, Slutsky AS, Talmor D, Thompson T, Wunsch H, Uleryk E, Brozek J, and Brochard L. An official American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine clinical practice guideline: mechanical ventilation in adult patients with acute respiratory distress syndrome. *Am J Respir Crit Care Med*. 2017 May 1;195(9):1253-63. Erratum in: *Am J Respir Crit Care Med*. 2017 Jun 1;195(11):1540.
- Rochwerg B, Millen T, Austin P, et al. Fluids in Sepsis and Septic Shock (FISSH): protocol for a pilot randomised controlled trial. *BMJ Open*. 2017 Jul 20;7(7):e017602.
- Walkey AJ, Goligher E, Del Sorbo L, Hodgson C, Adhikari NKJ, Wunsch H, Meade MO, Uleryk E, Hess D, Talmor DS, Thompson BT, Brower RG, Fan E. Low tidal volume versus non-volume-limited strategies for patients with acute respiratory distress syndrome: a systematic review and meta-analysis. *Ann Amer Thorac Soc*. 2017 Oct;14(Supplement_4):S271-S279.
- Meade MO, Young D, Hanna S, Zhou Q, Bachman TE, Bollen C, Slutsky AS, Lamb SE, Adhikari NKJ, Mentzelopoulos SD, Cook DJ, Sud S, Brower RG, Thompson BT, Shah S, Stenzler A, Guyatt GH, Meade MO, Ferguson ND. Severity of Hypoxemia and Effect of High-Frequency Oscillatory Ventilation in Acute Respiratory Distress Syndrome. *Am J Respir Crit Care Med*. 2017 Sep 15;196(6):727-33.
- D'Aragon F, Dhanani S, Lamontagne F, Cook DJ, Burns K, Akhtar A, Chassé M, Frenette AJ, Keenan S, Lize JF, Kutsogiannis DJ, Kramer A, Hand LE, Arseneau E, Masse MH, Ribic C, Ball I, Baker A, Boyd G, Rochwerg B, Healey A, Hanna S, Guyatt GH, Meade MO; Canadian Critical Care Trials Group and the Canadian National Transplant Research Program. Canada-DONATE study protocol: a prospective national observational study of the medical management of deceased organ donors. *BMJ Open*. 2017 Sep 28;7(9):e018858.
- Goligher EC, Hodgson C, Adhikari NKJ, Meade MO, Wunsch H, Uleryk E, Gajic O, Amato MBP, Ferguson ND, Rubenfeld GD, Fan E. Lung recruitment maneuvers for adult patients with acute respiratory distress syndrome: a systematic review and meta-analysis. *Ann Amer Thorac Soc*. 2017 Oct;14(Supplement_4):S304-S311.
- Goligher EC, Munshi L, Adhikari NKJ, Meade MO, Hodgson C, Wunsch H, Uleryk E, Gajic O, Amato MBP, Ferguson ND, Rubenfeld G, Fan E. High frequency oscillation for adult patients with acute respiratory distress syndrome: a systematic review and meta-analysis. *Ann Amer Thorac Soc*. 2017 Oct;14(Supplement_4):S289-S296.
- Duan EH, Adhikari NKJ, D'Aragon F, Cook DJ, Mehta S, Alhazzani W, Goligher E, Charbonney E, Arabi YM, Karachi T, Turgeon AF, Hand L, Zhou Q, Austin P, Friedrich J, Lamontagne F, Lauzier F, Patel R, Muscedere J, Hall R, Aslanian P, Piraino T, Martin Albert M, Bagshaw

SM, Jacka M, Wood G, Henderson W, Dorsch D, Ferguson ND, Meade MO, on behalf of the Canadian Critical Care Trials Group. Management of Acute Respiratory Distress Syndrome and Refractory Hypoxemia: A Multicenter Observational Study. *Ann Am Thorac Soc.* 2017 Dec;14(12):1818-26.

Lamontagne F, Day AG, Meade MO, Cook DJ, Guyatt GH, Hylands M, Radermacher P, Chrétien JM, Beaudoin N, Hébert P, D'Aragon F, Meziani F, Asfar P. Pooled analysis of higher versus lower blood pressure targets for vasopressor therapy septic and vasodilatory shock. *Intensive Care Med.* 2018 Jan;44(1):12-21. Epub 2017 Dec 19.

Foroutan F, Alba AC, Guyatt G, Duero Posada J, Ng Fat Hing N, Arseneau E, Meade M, Hanna S, Badiwala M, Ross H. Predictors of 1-year mortality in heart transplant recipients: a systematic review and meta-analysis. *Heart.* 2018 Jan;104(2):151-60. Epub 2017 Aug 30.

Nath S, Koziarz A, Badhiwala JH, Alhazzani W, Jaeschke R, Sharma S, Banfield L, Shoamanesh A, Singh S, Nassiri F, Oczkowski W, Belley-Côté E, Truant R, Reddy K, Meade MO, Farrokhyar F, Bala MM, Alshamsi F, Krag M, Etxeandia-Ikobaltzeta I, Kunz R, Nishida O, Matouk C, Selim M, Rhodes A, Hawryluk G, Almenawer SA. Atraumatic versus conventional lumbar puncture needles: a systematic review and meta-analysis. *Lancet.* 2018 Mar 24;391(10126):1197-204. Epub 2017 Dec 7.

MEHTA, S.

Shortt C, Xie F, Whitlock R, Ma J, Clayton N, Sherbino J, Hill SA, Pare G, McQueen M, Mehta SR, Devereaux PJ, Worster A, Kavsak P. Economic Considerations of Early Rule-In/Rule-Out Algorithms for The Diagnosis of Myocardial Infarction in The Emergency Department Using Cardiac Troponin and Glycemic Biomarkers. *Clin Chem.* 2017 Feb;63:593-602.

Kereiakes DJ, Meredith IT, Masotti M, Carrié D, Moreno R, Erglis A, Mehta SR, Elhadad S, Berland J, Stein B, Airaksinen J, Jobe RL, Reitman A, Janssens L, Christen T, Dawkins KD, Windecker S. Safety and Efficacy of a Bioabsorbable Polymer-Coated, Everolimus-Eluting Coronary Stent in Patients with Diabetes: the EVOLVE II Diabetes Substudy. *EuroIntervention.* 2017 Mar 20;12(16):1987-94.

Bagai A, Wang TY, Goodman SG, Fisher HN, Welsh RC, Dery JP, Zhang X, Zhu YE, Cheema AN, Dehghani P, Kassam SA, Ducas J, Brass N, Kim HH, Fung A, Schampaert E, Quraishi AU, Mehta SR. Longitudinal treatment patterns with ADP receptor inhibitors after myocardial infarction: Insights from the Canadian Observational AntiPlatelet Study. *Int J Cardiol.* 2017 Feb 1;228:459-64.

Shortt C, Ma J, Clayton N, Sherbino J, Whitlock R, Pare G, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A, Kavsak PA. Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. *Clin Chem.* 2017 Jan;63(1):403-14.

Moreno R, Mehta SR. Nonculprit Vessel Intervention: Let's COMPLETE the Evidence. *Rev Esp Cardiol (Engl Ed).* 2017 Jun;70(6):418-42. Epub 2017 Jan 27.

Mehta SR. After PCI with stents for AF, adding rivaroxaban vs warfarin to antiplatelet drugs reduced bleeding. *Ann Intern Med.* 2017 Mar 21;166(6):JC29.

Kavsak PA, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A. laboratory score at presentation to rule-out serious cardiac outcomes or death in patients presenting with symptoms suggestive of acute coronary syndrome. *Clin Chim Acta.* 2017 Mar 23;469:69-74.

Wood DA, Cairns JA, Mehta SR. Multivessel Revascularization and ST-Segment-Elevation Myocardial Infarction: Do We Have the Complete Answer? *Circ Cardiovasc Interv.* 2017 Apr;10(4). pii: e005215.

Dehghani P, Habib B, Windle SB, Roy N, Old W, Grondin FR, Bata I, Iskander A, Lauzon C, Srivastava N, Clarke A, Cassavari D, Dion D, Haught H, Mehta SR, Baril JF, Lambert C, Madan M, Abramson BL,

Eisenberg MJ. Smokers and Postcessation Weight Gain After Acute Coronary Syndrome. *J Am Heart Assoc.* 2017 Apr 18;6(4).

Cheema AN, Mehta SR, Verma S, Bagai A. Non-infarct related artery revascularization in ST-segment elevation myocardial infarction patients with multivessel disease. *Curr Opin Cardiol.* 2017 Sep;32(5):600-7.

Vogel B, Mehta SR, Verma S, Bagai A. Reperfusion strategies in acute myocardial infarction and multivessel disease. *Nat Rev Cardiol.* 2017 Nov;14(11):665-78.

Kavsak PA, Worster A, Ma J, Shortt C, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ. High-Sensitivity Cardiac Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. *Can J Cardiol.* 2017 Jul;33(7):898-903.

So DYF, Bagai A, ran U, Verma S, Metha SR. P2Y12 receptor inhibitor resistance and coronary artery disease: a bench to bedside primer for cardiovascular specialists. *Curr Opin Cardiol.* 2017 Sep;32(5):617-26.

Ridker PM, Everett BM, Thuren T, MacFadyen JG, Chang WH, Ballantyne C, Fonseca F, Nicolau J, Koenig W, Anker SD, Kastelein JJP, Cornel JH, Pais P, Pella D, Genest J, Cifkova R, Lorenzatti A, Forster T, Kobalava Z, Vida-Simiti L, Flather M, Shimokawa H, Ogawa H, Dellborg M, Rossi PRF, Troquay RPT, Libby P, Glynn RJ; Mehta SR collaborator, CANTOS Trial Group. Antiinflammatory Therapy with Canakinumab for Atherosclerotic Disease. *N Engl J Med.* 2017 Sep 21;377(12):1119-31.

Lamelas P, Schwalm JD, Quazi I, Mehta S, Devereaux PJ, Jolly S, Yusuf S. Effect of Body Mass Index on Clinical Events After Acute Coronary Syndromes. *Am J Cardiol.* 2017 Nov 1;120(9):1453-9.

Jobs A, Mehta SR, Montalescot G, Vicaut E, Van't Hof AWJ, Badings EA, Neumann FJ, Kastrati A, Sciahbasi A, Reuter PG, Lapostolle F, Milosevic A, Stankovic G, Milasinovic D, Vonthein R, Desch S, Thiele H. Optimal timing of an invasive strategy in patients with non-ST-elevation acute coronary syndrome: a meta-analysis of randomised trials. *Lancet.* 2017 Aug 19;390(10096):737-46.

Healey JS, Alings M, Ha AC, Leong-Sit P, Birnie DH, de Graaf JJ, Freericks M, Verma A, Wang J, Leong D, Dokainish H, Philippon F, Barake W, McIntyre WF, Simek KD, Hill MD, Mehta SR, Carlson M, Smeele F, Pandey AS, Connolly SJ. Subclinical Atrial Fibrillation in Older Patients. *Circulation.* 2017 Oct 3;136(14):1276-83.

Gandhi S, Natarajan MK, Chu V, Dokainish H, Mehta S, Velianou JL. MitraClip and Transcatheter Aortic Valve Replacement in a Patient with Recurrent Heart Failure. *Circ Cardiovasc Interv.* 2017 Sep;10(9). pii: e005312.

Deharo P, Ducrocq G, Bode C, Cohen M, Cuisset T, Mehta S, Pollack CV Jr, Wiviott SD, Elbez Y, Sabatine M, Steg PG. Timing of Angiography and Outcomes in High-Risk Patients with Non-ST Segment Elevation Myocardial Infarction Managed Invasively: Insights from the TAO Trial. *Circulation.* 2017 Nov;14;136(20):1895-907.

Bossard M, Mehta SR, Welsh RC, Bainey KR. Utility of Unfractionated Heparin in Transradial Cardiac Catheterization: A Systematic Review and Meta-analysis. *Can J Cardiol.* 2017 Oct;33(10):1245-53.

Dehghani P, Lavoie A, Lavi S, Crawford JJ, Harenberg S, Zimmermann RH, Booker J, Kelly S, Cantor WJ, Mehta SR, Bagai A, Goodman SG, Cheema AN. Effects of ticagrelor versus clopidogrel on platelet function in fibrinolytic-treated STEMI patients undergoing early PCI. *Am Heart J.* 2017 Oct;192:105-12.

Russo JJ, Goodman SG, Bagai A, Déry JP, Tan MK, Fisher HN, Zhang X, Zhu YE, Welsh RC, Siega AD, Kokis A, Wong BYL, Henderson M, Lutchmedial S, Lavi S, Mehta SR, Yan AT. Duration of dual antiplatelet therapy and associated outcomes following percutaneous coronary intervention for acute myocardial infarction: contemporary practice insights from the Canadian Observational Antiplatelet Study. *Eur Heart J Qual Care Clin Outcome.* 2017 Oct 1;3(4):303-11.

Cannon CP, Bhatt DL, Oldgren J, Lip GYH, Ellis SG, Kimura T, Maeng M, Merkely B, Zeymer U, Gropper S, Nordaby M, Kleine E, Harper R,

PUBLICATIONS

Manassie J, Januzzi JL, Ten Berg JM, Steg PG, Hohnloser SH, Mehta SR collaborator; RE-DUAL PCI Steering Committee and Investigators. Dual Antithrombotic Therapy with Dabigatran after PCI in Atrial Fibrillation. *N Engl J Med.* 2017 Oct 19;377(16):1513-24.

Bossard M, Granger CB, Tanguay JF, Montalescot G, Faxon DP, Jolly SS, Widimsky P, Niemela K, Steg PG, Natarajan MK, Gao P, Fox KAA, Yusuf S, Mehta SR. Double-Dose Versus Standard-Dose Clopidogrel According to Smoking Status Among Patients with Acute Coronary Syndromes Undergoing Percutaneous Coronary Intervention. *J Am Heart Assoc.* 2017 Nov 3;6(11).

Kavak 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.* Epub 2017 Jan 1.

Yang A, Pon Q, Lavoie A, Crawford JJ, Harenberg S, Zimmermann RH, Booker J, Kelly S, Lavi S, Cantor WJ, Mehta SR, Bagai A, Goodman SG, Cheema AN, Dehghani P. Long-term pharmacodynamic effects of Ticagrelor versus Clopidogrel in fibrinolytic-treated STEMI patients undergoing early PCI. *J Thromb Thrombolysis.* Epub 2017 Nov 23.

MENON, S.

Menon S, Zhu F, Shirani A, Oger J, Freedman MS, Tremlett H. Disability progression in aggressive multiple sclerosis. *Mult Scler.* 2017;23(3):456-63.

Morrow SA, Menon S, Rosehart H, Sharma M. Developing easy to perform routine MRI measurements as potential surrogates for cognitive impairment in MS. *Clin Neurol Neurosurg.* 2017;153:73-8.

Menon S, Muglan JA, Shimon L, Stewart D, Snow B, Hayes M, Fung VSC, et al. Down the Stairs Dystonia—A Novel Task—Specific Focal Isolated Syndrome. *Movement Disorders Clinical Practice.* 2017;4(1):121-4.

MERCURI, M.

Chan T, Sherbino J, Mercuri M. Learning Trajectories in Graduate Medical Education: The McMAP experience. *J Grad Med Educ.* 2017;9(6):724-9.

Grierson LEM, Mercuri M, Brailovsky C, Cole G, Abrahams C, Archibald D, Bandiera G, Phillips SP, Stirrett G, Walton JM, Wong E, Schabot I. Admission factors associated with international medical graduate certification success: A collaborative retrospective review of post-graduate medical education programs in Ontario. *CMAJ Open.* 2017;5(4):E785-E790.

Tavares W, Drennan I, Van Diepen K, Abanil M, Spearon C, Barrette N, Mercuri M. Building Capacity in Health Care by Reexamining Clinical Services in Paramedicine. *Prehosp Emerg Care.* 2017;21:652-61.

Gallo L, Hua N, Mercuri M, Silveira A, Worster A. Adherence to Standards for Reporting Diagnostic Accuracy in Emergency Medicine Research. *Acad Emerg Med.* 2017;24(8):914-9.

Grad R, Pluye P, Wong E, Brailovsky C, Moscovici J, Kaczorowski J, Rodriguez C, Luconi F, Rousseau M, Karanofsky M, Delleman B, Kegel S, Mercuri M, Kluchnyk M, Schabot I. Do weekly alerts from a mobile application influence reading during residency? Peer Reviewed Reports in Medical Education Research. 2017;1:8.

Vitola JV, Mut F, Alexanderson E, Pascual TNB, Mercuri M, Karthikeyan G, Better N, Rehani MM, Kashyap R, Dondi M, Paez D, Einstein AJ. Opportunities for improvement of current nuclear cardiology practices and radiation exposure in Latin America: from the 65-country IAEA nuclear cardiology protocols cross-sectional study (INCAPS). *J Nucl Cardiol.* 2017;24(3):851-9.

Bouyoucef SE, Mercuri M, Pascual TNB, Allam AH, Vangu M, Vitola JV, et al. Nuclear cardiology practices and radiation exposure in

Africa: results from the IAEA Nuclear Cardiology Protocols Study (INCAPS). *Cardiovasc J Afr.* 2017;38(4):229-35.

Hawley A, Mercuri M, Hogg K, Hanel E. Obstacle course runs: Review of Acquired injuries and illnesses at a series of Canadian Events (RACE). *Emerg Med J.* 2017;34(4):170-4.

Pascual TN, Mercuri M, El-Haj N, Bom H, Lele V, Al-Mallah MH, et al. Nuclear cardiology practice in Asia: Analysis of radiation exposure and best practice use for myocardial perfusion imaging: Results from the IAEA Nuclear Cardiology Protocols cross-sectional Study (INCAPS). *Circ J.* 2017;81(4):501-10.

Biswas S, Better N, Pascual TNB, Mercuri M, Karthikeyan G, Vitola JV, Rehani M, Kashyap R, Dondi M, Paez D, Einstein AJ. Nuclear Cardiology Practices and Radiation Exposure in the Oceania Region: Results from the IAEA Nuclear Cardiology Protocols Study (INCAPS). *Heart Lung Circ.* 2017;26(1):25-34.

Book Chapter

Mercuri M, Einstein AJ. Chapter 25: Concerns with Radiation Safety. In: Hybrid Imaging in Cardiovascular Medicine (Liu Y-H, Sinusas AJ, Eds.), Taylor & Francis Books, Inc., New York (NY), 2017.

MERTZ, D.

Sartelli M on behalf of the Global Alliance for Infections in Surgery (D. Mertz as named co-author). The Global Alliance for Infections in Surgery: defining a model for antimicrobial stewardship—results from an international cross-sectional survey. *World J Emerg Surg.* 2017 Aug 1;12:34.

Goldenberg JZ, Yap C, Lytvyn L, Lo CK, Beardsley J, Mertz D, Johnston BC. Probiotics for the prevention of *Clostridium difficile*-associated diarrhea in adults and children. *Cochrane Database Syst Rev.* 2017 Dec 19;12:CD006095.

Sartelli M on behalf of the Global Alliance for Infections in Surgery (D. Mertz as named co-author). A Global Declaration on Appropriate Use of Antimicrobial Agents across the Surgical Pathway. *Surg Infect.* 2017;18(8):846-53.

Lo C, Mertz D, Loeb M. Assessing the reporting quality of influenza outbreaks in the community. *Influenza Other Resp Viruses.* 2017;11:556-63.

Schandelmäier S, Tomonaga Y, Bassler D, Meerpolh JJ, von Elm E, You JJ, Blümle A, Lamontagne F, Saccilotto R, Amstutz A, Bengough T, Stegert M, Olu KK, Tikkinen KAO, Neumann I, Carasco-Labra A, Faulhaber M, Mulla SM, Mertz D, Akl EA, Sun X, Busse JW, Ferreira-González I, Nordmann A, Gloy V, Raatz H, Moja L, Rosenthal R, Ebrahim S, Vandvik PO, Johnston BC, Walter MA, Burnand B, Schwenkglenks M, Hemkens LG, Guyatt G, Bucher HC, Kasenda B, Briel M. Risk of premature discontinuation of pediatric randomized controlled trials: A Retrospective Cohort Study. *J Pediatr.* 2017;184:209-14.

Roth V, Mitchell R, Vachon J, Alexandre S, Amaralunga K, Smith S, Vearncombe M, Davis I, Mertz D, Dunford S, Henderson BA, John M, Johnston L, Lemieux C, Gravel D, and the Canadian Nosocomial Infection Surveillance Program (CNISP). Surgical Site Infection after Primary Hip and Knee Arthroplasty: The Impact of Limiting the Post-Operative Surveillance Period. *Infect Control Hosp Epidemiol.* 2017;38(2):147-53.

Mertz D, Geraci J, Winkup J, Gessner BD, Ortiz JR, Loeb M. Pregnancy as a risk factor for severe outcomes from influenza virus infection: a systematic review and meta-analysis of observational studies. *Vaccine.* 2017;35(4):521-8.

MOFFAT, K.

Moffat KA, Lewis CW. Laboratory monitoring of oral vitamin K anticoagulants. *Semin Thromb Hemost.* 2017;43(3):245-52.

Book Chapter

Hayward CPM and Moffat KA. Platelet Aggregation. In: Platelets in Thrombotic and Non-thrombotic Disorders - Pathophysiology, Pharmacology and Therapeutics – An update (Gresele P, Kleiman NS, Lopez JA, Page CP, Eds.), Springer, 2017.

MONTGOMERY, E.

Deng C, Sun T, Manning Zhang, Gale JT, Montgomery EB, Santaniello S. Effects of the temporal pattern of subthalamic deep brain stimulation on the neuronal complexity in the globus pallidus. Conf Proc IEEE Eng Med Biol Soc. 2017 Jul;2017:3352-5.

Book

Montgomery Jr. E B. Deep Brain Stimulation Programming: Mechanisms, Principles and Practice, Oxford University Press, 2017. ISBN 9780190259600

NAIR, P.

Nair P, Wenzel S, Rabe KF, Bourdin A, Lugogo NL, Kuna P, Barker P, Sproule S, Ponnarambil S, Goldman M, on behalf of the ZONDA study investigators. Oral Glucocorticoid Sparing Effect of Benralizumab in Severe Asthma. N Engl J Med. 2017;376:2448-58.

Eddy RL, Svenningsen S, Kassay A, McCormack DG, Nair P, Parraga G, Canadian Respiratory Research Network. This is what asthma looks like. Can J Respir Crit Care Sleep Med. 2017;2:27-40.

Salter B, Pray C, Radford K, Martin JG, Nair P. Airway smooth muscle migration in asthma. Respir Res. 2017;18(1):156.

Svenningsen S, Nair P. Asthma endotypes and targeted therapy. Front Med. 2017 Sep 26:4:158.

Cervi A, Khaldi N, Cox P, Nair P, Hambly N. Recalcitrant multi-system EGPA. Case Rep Intern Med. 2017;4.

Son K, Mukherjee M, McIntyre BS, Radford K, LaVigne N, Ethier C, Davoine F, Janssen L, Lacy P, Nair P. MACSxpress immunomagnetic technology provides better granulocyte isolation than density gradient methodology. J Immunol Methods. 2017;449:44-55.

Nair P, Ho T. Challenges in the management of asthma in the elderly. Polish Arch Intern Med. 2017;127:291-3.

Mukherjee M, Svenningsen S, Nair P. Steroid insensitivity and asthma severity. Curr Opin Pulm Med. 2017;23:78-88.

Mukherjee M, Lim HF, Thomas S, Miller D, Kjarsgaard M, Tan B, Sehmi R, Khalidi N, Nair P. Airway autoimmune responses in severe eosinophilic asthma following low-dose mepolizumab therapy. Allergy Asthma Clin Immunol. 2017 Jan 6;13:2.

Capaldi D, Sheikh K, Eddy R, Guo F, Svenningsen S, McCormack D, Nair P, Parraga G. Free-breathing functional pulmonary MRI ventilation responses to bronchodilator and provocation in asthma. Acad Radiol. 2017;24:1268-76.

Dasgupta A, Kjarsgaard M, Aleman F, Radford K, Capaldi D, Altman L, Wight T, Parraga G, O'Byrne P, Nair P. A pilot randomised clinical trial of mepolizumab in COPD with eosinophilic bronchitis. Eur Respir J. 2017 Mar 15;49(3).

Aziz-ur-rehman, A, Dasgupta A, Kjarsgaard M, Hargreave FE, Nair P. Managing severe prednisone-dependent asthma using sputum cell counts: effects on exacerbations and FEV1. Allergy Asthma Clin Immunol. 2017;13:17.

Ho T, Dasgupta A, Hargreave FE, Nair P. Cellular and molecular biomarkers to manage COPD exacerbations. Expert Rev Respir Med. 2017;27:1-9.

Mohan S, Ho T, Efthimiadis A, Kjarsgaard M, Nair P. Hemosiderin in sputum macrophages may predict infective exacerbations of chronic obstructive pulmonary disease: a retrospective observational study. BMC Pulm Med. 2017;17:60.

Robinson D, Humbert M, Buhl R, Cruz AA, Inoue H, Korom S, Hanania N, Nair P. Revisiting Type 2-high and Type 2-low airway inflammation in asthma: current knowledge and therapeutic implications. Clin Exp Allergy. 2017;47:161-75.

Katyal R, Bensch GW, Busse WW, Chipps BE, Denson JL, Gerber AN, Jacobs JS, Kraft M, Martin RJ, Nair P, Wechsler ME. Changing paradigms in the treatment of refractory asthma: the role of biologic therapies. J Allergy Clin Immunol In Pract. 2017;5(2S):S1-S14.

Nair P, Martin JG, Cockcroft DC, Dolovich M, Lemiere C, Boulet LP, O'Byrne PM. Airway hyperresponsiveness in asthma: measurement and clinical relevance. J Allergy Clin Immunol In Pract. Epub 2017 Feb 2.

De Waele M, Wael H, Schieman C, Christian F, Macri J, Schneider L, Schnurr T, Farrokhyar F, Radford K, Nair P, Shargall Y. A digital chest drainage system reduces pleural inflammation and volume of pleural effusion following oncologic pulmonary resection? A Prospective Randomized Trial. J Thorac Dis. 2017;9:1598-606.

Zago M, Sheridan JA, Traboulisi H, Hecht E, Zhang Y, Matthews J, Nair P, Eidelman D, Baglioni CJ. Low levels of the AhR in COPD lung cells increases COX-2 protein by altering mRNA stability. PLoS One. 2017 Jul 27;12(7):e0180881.

NAZY, I.

Warkentin TE, Sheppard JI, Linkins LA, Arnold DM, Nazy I. Performance characteristics of an automated latex immunoturbidimetric assay [HemosIL(R) HIT-Ab(PF4-H)] for the diagnosis of immune heparin-induced thrombocytopenia. Thromb Res. 2017;153:108-17.

Staibano P, Arnold DM, Bowdish DM, Nazy I. The unique immunological features of heparin-induced thrombocytopenia. Br J Haematol. 2017;177(2):198-207.

Huynh A, Arnold DM, Moore JC, Smith JW, Kelton JG, Nazy I. Development of a high-yield expression and purification system for platelet factor 4. Platelets. 2017;1:8.

Arnold DM, Vrbensky JR, Karim N, et al. The effect of rituximab on anti-platelet autoantibody levels in patients with immune thrombocytopenia. Br J Haematol. 2017;178(2):302-7.

Arnold DM, Patriquin CJ, Nazy I. Thrombotic microangiopathies: a general approach to diagnosis and management. CMAJ. 2017;189(4):E153-E159.

Arnold DM, Nazy I, Clare R, et al. Misdiagnosis of primary immune thrombocytopenia and frequency of bleeding: lessons from the McMaster ITP Registry. Blood Adv. 2017;1(25):2414-20.

NESATHURAI, S.

Bilyea A, Seth N, Nesathurai S, Abdullah HA. Robotic assistants in personal care: A scoping review. Med Eng Phys. 2017 Nov;49:1-6. Epub 2017 Jul 19.

NG, K.

KH Ng, Sharma M, Benavente O, Gioia L, Field TS, Hill MD, Coutts SB, Butcher K, DATAS-2 Investigators. Dabigatran following acute transient ischemic attack and minor stroke II (DATAS II). Int J Stroke. 2017 Oct;12(8):910-4.

KKH Ng, W Whiteley. Anticoagulation Timing for Atrial Fibrillation in Acute Ischemic Stroke. Time to Reopen Pandora's Box? JAMA Neurology. 2017;74(10):1174-5.

PERUMPILLICHIRA, J.

Ansari AH, Cherian PJ, Caicedo A, De Vos M, Naulaers G, Van Huffel

PUBLICATIONS

- S. Improved Neonatal Seizure Detection Using Adaptive Learning. Conf Proc IEEE Eng Med Biol Soc. 2017 Jul;2017:2810-3.
- Dereymaeker A, Ansari AH, Jansen K, Cherian PJ, Vervisch J, Govaert P, De Wispelaere L, Dielman C, Matic V, Dorado AC, De Vos M, Van Huffel S, Naulaers G. Interrater agreement in visual scoring of neonatal seizures based on majority voting on a web-based system: The Neoguard EEG database. Clin Neurophysiol. 2017 Sep;128(9):1737-45.
- PINTO-SANCHEZ, M.**
- Pinto-Sanchez MI, Yuan Y, Hassan A, Bercik P, Moayyedi P. Proton pump inhibitors for functional dyspepsia. Cochrane Database Syst Rev. 2017 Nov 21;11:CD011194.
- Pinto-Sánchez MI, Hall GB, Ghajar K, Nardelli A, Bolino C, Lau JT, Martin FP, Cominetti O, Welsh C, Rieder A, Traynor J, Gregory C, De Palma G, Pigrau M, Ford AC, Macri J, Berger B, Bergonzelli G, Surette MG, Collins SM, Moayyedi P, Bercik P. Probiotic Bifidobacterium longum NCC3001 Reduces Depression Scores and Alters Brain Activity: A Pilot Study in Patients With Irritable Bowel Syndrome. Gastroenterology. 2017 Aug;153(2):448-59.e8. Epub 2017 May 5.
- Pinto-Sánchez MI, Causada-Caló N, Bercik P, Ford AC, Murray JA, Armstrong D, Semrad C, Kupfer SS, Alaeddini A, Moayyedi P, Leffler DA, Verdú EF, Green P. Safety of Adding Oats to a Gluten-Free Diet for Patients With Celiac Disease: Systematic Review and Meta-analysis of Clinical and Observational Studies. Gastroenterology. 2017 Aug;153(2):395-409.e3. Epub 2017 Apr 18. Review.
- Sood R, Gracie DJ, Gold MJ, To N, Pinto-Sánchez MI, Bercik P, Moayyedi P, Ford AC, Law GR. Editorial: latent class analysis to improve confidence in the diagnosis of IBS - authors' reply. Aliment Pharmacol Ther. 2017 May;45(9):1268-9.
- Pinto-Sánchez MI, Yuan Y, Bercik P, Moayyedi P. Proton pump inhibitors for functional dyspepsia. Cochrane Database Syst Rev. 2017 Mar 8;CD011194. Update in: Cochrane Database Syst Rev. 2017 Nov 21;11:CD011194.
- De Palma G, Lynch MD, Lu J, Dang VT, Deng Y, Jury J, Umeh G, Miranda PM, Pigrau Pastor M, Sidani S, Pinto-Sánchez MI, Philip V, McLean PG, Hagelsieb MG, Surette MG, Bergonzelli GE, Verdu EF, Britz-McKibbin P, Neufeld JD, Collins SM, Bercik P. Transplantation of fecal microbiota from patients with irritable bowel syndrome alters gut function and behavior in recipient mice. Sci Transl Med. 2017 Mar 1;9(379). pii: eaaf6397.
- Sood R, Gracie DJ, Gold MJ, To N, Pinto-Sánchez MI, Bercik P, Moayyedi P, Ford AC, Law GR. Derivation and validation of a diagnostic test for irritable bowel syndrome using latent class analysis. Aliment Pharmacol Ther. 2017 Mar;45(6):824-32. Epub 2017 Jan 20.
- Irvine AJ, Pinto-Sánchez MI, Bercik P, Moayyedi P, Ford AC. Minimal differences in prevalence and spectrum of organic disease at upper gastrointestinal endoscopy between selected secondary care patients with symptoms of gastro-oesophageal reflux or dyspepsia. Scand J Gastroenterol. 2017 Apr;52(4):396-402. Epub 2016 Dec 15.
- Simpkins SJ, Pinto-Sánchez MI, Moayyedi P, Bercik P, Morgan DG, Bolino C, Ford AC. Poor predictive value of lower gastrointestinal alarm features in the diagnosis of colorectal cancer in 1981 patients in secondary care. Aliment Pharmacol Ther. 2017 Jan;45(1):91-99. Epub 2016 Nov 3.
- Pinto-Sánchez MI, Smecoul EC, Temprano MP, Sugai E, González A, Moreno ML, Huang X, Bercik P, Cabanne A, Vázquez H, Niveloni S, Mazure R, Mauriño E, Verdú EF, Bai JC. Bifidobacterium infantis NLS Super Strain Reduces the Expression of α -Defensin-5, a Marker of Innate Immunity, in the Mucosa of Active Celiac Disease Patients. J Clin Gastroenterol. 2017 Oct;51(9):814-7.
- PIRAN, S.**
- Piran S, Bednar D, Drew B, Schulman S. Optimal Timing of Starting Thromboprophylaxis for Patients with Acute Spinal Cord Injury: A Cross-Sectional Survey of Canadian Spine Surgeons. Thromb Res. 2017;160:38-40.
- Piran S, Schulman S, Salib M, Delaney J, Panju M, Pai M. Direct Oral Anticoagulants in the Real World: Insights into Canadian Health Care Providers' Understanding of Medication Dosing and Use. Can J Gen Intern Med. 2017;12(3):23-7.
- Piran S, Schulman S. Acute Unilateral Renal Infarction in the Setting of an Inherited Thrombophilia and Atrial Septal Defect: A Case Report. Case Rep Hematol. 2017;2017:3159363.
- Piran S, Delaney J, Schulman S, Salib M, Panju M, Pai M. Direct Oral Anticoagulants in The Real World: Insights into Appropriate Prescribing and Medication Use. Can J Nurs Res. 2017;49 (3):105-7.
- Liew A, Piran S, Eikelboom JW, Douketis J. Extended-duration versus Short-duration Pharmacological Thromboprophylaxis in Acutely Ill Hospitalized Medical Patients: A Systematic Review and Meta-analysis of Randomized Controlled Trials. J Thromb Thrombolysis. 2017;43(3):291-301.
- PREBTANI, A.**
- Vasantha mohan L, Prebtani APH et al. Subacute Infective Endocarditis Secondary to Cardiobacterium hominis in a Patient with Mitral Valve Prolapse. Can J General Internal Medicine. 2017 Nov;12(3):32-5.
- Khan A, Kenshole A, Ezzat S, Goguen J, Gomez-Hernandez K, Hegele RA, Houlden R, Joy T, Keely E, Killinger D, Lacroix A, Laredo S, Prebtani APH, Shrayyef MZ, Tran C, Van Uum S, Reardon R, Papageorgiou A, Tays W, Edmonds M. Tools for Enhancement and Quality Improvement of Peer Assessment and Clinical Care in Endocrinology and Metabolism. J Clin Densitom. Epub 2017 Jul 21.
- Kline GA, Prebtani APH, Leung AA, Schiffrrin EL. Primary aldosteronism: a common cause of resistant hypertension. CMAJ. 2017 Jun 5;189(22):E773-E778.
- Kline GA, Prebtani APH, Leung AA, Schiffrrin EL. The Potential Role of Primary Care in Case Detection/Screening of Primary Aldosteronism. Am J Hypertens. 2017 Nov 6;30(12):1147-50.
- Leung AA, Prebtani A et al; Hypertension Canada. Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults. Can J Cardiol. 2017 May;33(5):557-76.
- ROCHWERG, B.**
- Hylands M, Toma A, Beaudoin N, Frenette AJ, D'Aragon F, Belley Cote E, Charbonney E, Moller MH, Laake JH, Vandvik PO, Siemieniuk RA, Rochwerg B, Lauzier F, Green RS, Ball I, Scales D, Murthy S, Kwong JSW, Guyatt G, Rizoli S, Asfar P, Lamontagne F. Early vasopressor use following traumatic injury: as systematic review. BMJ Open. 2017 Nov 17;7(11):e017559.
- Ball IM, Burry L, Dodek P, Hutchison JS, Leigh JP, McCredie V, Murthy S, Rochwerg B, Cook D; Canadian Critical Care Trials Group and the Canadian Critical Care Translational Biology Group. The Young Investigator Retreat of the Canadian Critical Care Trials Group: mentorship and self-discovery. Canadian Journal of Anaesthesia. Epub 2017 Nov 17.
- Pastores SM, Annane D, Rochwerg B; Corticosteroid Guidelines Task Force of SCCM and ESCIM. Guidelines for the diagnosis and management of critical illness-related corticosteroid insufficiency (CIRCI) in critically ill patients (Part II): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESCIM) 2017. Intensive Care Medicine. Epub 2017 Oct 31.
- Brignardello-Petersen R, Bonner A, Alexander PE, Siemieniuk RA, Furukawa TA, Rochwerg B, Hazlewood GS, Alhazzani W, Mustafa RA, Murad MH, Puhan MA, Schunemann HJ, Guyatt GH; GRADE working Group. Advances in the GRADE approach to rate the certainty in esti-

mates from a network meta-analysis. *J Clin Epidemiology*. Epub 2017 Oct 16.

D'Aragon F, Dhanani S, Lamontagne F, Cook DJ, Burns K, Akhtar A, Chassé M, Frenette AJ, Keenan S, Lize JF, Kutsogiannis DJ, Kramer A, Hand LE, Arseneau E, Masse MH, Ribic C, Ball I, Baker A, Boyd G, Rochwerg B, Healey A, Hanna S, Guyatt GH, Meade MO; Canadian Critical Care Trials Group and the Canadian National Transplant Research Program. Canada-DONATE study protocol: a prospective national observational study of the medical management of deceased organ donors. *BMJ Open*. 2017 Sept 28;7(9):e018858.

Annane D, Pastores SM, Arlt W, Balk RA, Beishuizen A, Briegel J, Carcillo J, Christ-Crain M, Cooper MS, Marik PE, Meduri GU, Olsen KM, Rochwerg B, Rodgers SC, Russell JA, Van den Berghe G. Critical Illness-Related Corticosteroid Insufficiency (CIRCI): A Narrative Review from a Multidisciplinary Task Force of the Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESCIM). *Intensive Care Med*. Epub 2017 Sept 21.

Annane D, Pastores SM, Rochwerg B, Arlt W, Balk RA, Beishuizen A, Briegel J, Carcillo J, Christ-Crain M, Cooper MS, Marik PE, Umberto Meduri G, Olsen KM, Rodgers SC, Russell JA, Van den Berghe G. Guidelines for the Diagnosis and Management of Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Critically Ill Patients: Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESCIM) 2017 (Part I). *Intensive Care Medicine*. Epub 2017 Sept 21.

Weiss MJ, Hornby L, Rochwerg B, van Manen M, Dhanani S, Sivarajan VB, Appleby A, Bennett M, Buchman D, Farrell C, Goldberg A, Greenberg R, Singh R, Nakagawa TA, Witteman W, Barter J, Beck A, Coughlin K, Conradi A, Cupido C, Dawson R, Dipchand A, Freed D, Hornby K, Langlois V, Mack C, Mahoney M, Manhas D, Tomlinson C, Zavalkoff S, Shemie SD. Canadian Guidelines for Controlled Pediatric Donation after Circulatory Determination of Death – Summary Report. *Pediatric Critical Care Medicine*. Epub 2017 Sept 15.

Rochwerg B, Brochard L, Elliott MW, Hess D, Hill NS, Nava S, Navalesi P, Antonelli M, Brozek J, Conti G, Ferrer M, Guntupalli K, Jaber S, Keenan S, Mancebo J, Mehta S, Raoof S. Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. *Eur Respir J*. 2017 Aug 31;50(2).

Rochwerg B, Millen T, Austin P, Zeller M, D'Aragon F, Jaeschke R, Masse MH, Mehta S, Lamontagne F, Meade MO, Guyatt G, Cook DJ. Fluids in Sepsis and Septic Shock (FISSH): a protocol for a pilot randomized controlled trial. *BMJ Open*. 2017 Jul 20;7(7):e017602.

Lauzier F, Adhikari NK, Seely A, Koo KKY, Belley-Côté EP, Burns KEA, Cook DJ, D'Aragon F, Rochwerg B, Kho ME, Oczkowski SJW, Duan EH, Meade MO, Day AG, Lamontagne F. Protocol adherence for continuously titrated interventions in randomized trials: an overview of the current methodology and case study. *BMC Med Res Methodol*. 2017 Jul 17;17(1):106.

Rochwerg B, Oczkowski S, Siemieniuk RA, Menon K, Szczeklik W, English S, Agoritsas T, Belley-Côté E, D'Aragon F, Alhazzani W, Duan E, Gossack-Keenan K, Sevransky J, Vandvik P, Venkatesh B, Guyatt G, Annane D. Corticosteroids in sepsis: an updated systematic review and meta-analysis (protocol). *BMJ Open*. 2017 Jun 30;7(6):e016847.

Rochwerg B, Hylands M, Möller M, Asfar P, Cohen D, Khadaroo RG, Laake JH, Perner A, Tanguay T, Widder S, Vandvik P, Kristiansen A, Lamontagne F. CCCS-SSAI WikiRecs Clinical Practice Guideline: vasopressors in early traumatic shock. *Can J Anaesth*. 2017 Jul;64(7):766-8.

Rochwerg B, Hylands M, Möller M, Asfar P, Cohen D, Khadaroo RG, Laake JH, Perner A, Tanguay T, Widder S, Vandvik P, Kristiansen A, Lamontagne F. CCCS-SSAI WikiRecs Clinical Practice Guideline: vasopressor blood pressure targets in critically ill adults with hypotension. *Can J Anaesth*. 2017 Jul;64(7):763-5.

Hylands M, Möller MH, Asfar P, Toma A, Frenette AJ, Beaudoing N, Belley-Côté É, D'Aragon F, Laake JH, Siemieniuk RA, Charbonney E,

Lauzier F, Kwong J, Rochwerg B, Vandvik PO, Guyatt G. A systematic review of vasopressor blood pressure targets in critically ill adults with hypotension. *Can J Anaesth*. 2017 Jul;64(7):703-5.

Rochwerg B, Hylands M, Möller MH, Asfar P, Cohen D, Khadaroo RG, Laake JH, Perner A, Tanguay T, Widder S, Vandvik P, Kristiansen A, Lamontagne F. CCCS-SSAI WikiRecs clinical practice guideline: vasopressor blood pressure targets in critically ill adults with hypotension and vasopressor use in early traumatic shock. *Intensive Care Medicine*. 2017 Jul;43(7):1062-4.

Zhang Y, Coello PA, Brozek J, Wiercioch W, Etxeandia-Ikobaltzeta I, Akl EA, Meerpoli JJ, Alhazzani W, Carrasco-Labra A, Morgan RL, Mustafa RA, Riva JJ, Moore A, Yépez-Núñez JJ, Cuello-García C, AlRayees Z, Manja V, Falavigna M, Neumann I, Brignardello-Petersen R, Santesso N, Rochwerg B, Darzi A, Rojas MX, Adi Y, Bollig C, Waziry R, Schünemann HJ. Using patient values and preferences to inform the importance of health outcomes in practice guideline development following the GRADE approach. *Health Qual Life Outcomes*. 2017 May 2;15(1):52.

Alhazzani W, Guyatt G, Alshahrani M, Deane AM, Marshall JC, Hall R, Muscedere J, English SW, Lauzier F, Thabane L, Arabi YM, Karachi T, Rochwerg B, Finfer S, Daneman N, Alshamsi F, Zytaruk N, Heel-Ansell D, Cook D; Canadian Critical Care Trials Group. Withholding pantoprazole for stress ulcer prophylaxis in critically ill patients: a pilot randomized clinical trial and meta-analysis. *Crit Care Med*. Epub 2017 Apr 27.

Mbuagbaw L, Rochwerg B, Jaeschke R, Heels-Ansell D, Alhazzani W, Thabane L, Guyatt GH. Approaches to interpreting and choosing the best treatments in network meta-analyses. *Syst Rev*. 2017 Apr 12;6(1):79.

Wang JG, Belley-Côté E, Burry L, Duffett M, Karachi T, Perri D, Alhazzani W, D'Aragon F, Wunsch H, Rochwerg B. Clonidine for sedation in the critically ill: a systematic review and meta-analysis. *Critical Care*. 2017 Feb 25;21(1):75.

Hylands M, Toma A, Beaudoing N, Frenette AJ, D'Aragon F, Belley-Côté E, Hylander M, Lauzier F, Siemieniuk RA, Charbonney E, Kwong J, Laake JH, Guyatt G, Vandvik PO, Rochwerg B, Green R, Ball I, Scales D, Murthy S, Rizoli S, Asfar P, Lamontagne F. Vasopressor use following traumatic injury: protocol for a systematic review. *BMJ Open*. 2017 Feb 28;7(2):e014166.

Rochwerg B, Guyatt G. In patients with severe sepsis, hydrocortisone did not prevent progression to septic shock. *Ann Intern Med*. 2017 Jan 17;166(2):JC10.

Rhodes A, Evans LE, Alhazzani W, Levy MM, Antonelli M, Ferrer R, Kumar A, Sevransky JE, Sprung CL, Nunnally ME, et al. Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. *Intensive Care Med*. 2017 Mar;43(3):304-77.

Murray MJ, DeBlock HF, Erstad BL, Gray AW Jr, Jacobi J, Jordan CJ, McGee WT, McManus C, Meade MO, Nix SA, Patterson AJ, Sands K, Pino RM, Tescher AN, Arbour R, Rochwerg B, Murray CF, Mehta S. Clinical practice guidelines for sustained neuromuscular blockade in the adult critically ill patient: 2016 update-executive summary. *Am J Health Syst Pharm*. 2017 Jan 15;74(2):76-8.

Roshanov PS, Rochwerg B, Patel A, Salehian O, Duceppe E, Belley-Côté EP, Guyatt GH, Sessler DI, Le Manach Y, Borges FK, Tandon V, Worster A, Thompson A, Koshy M, Devereaux B, Spencer FA, Sanders RD, Sloan EN, Morley EE, Paul J, Raymer KE, Punthakee Z, Devereaux PJ. Withholding versus Continuing Angiotensin-converting Enzyme Inhibitors or Angiotensin II Receptor Blockers before Noncardiac Surgery: An Analysis of the Vascular events In noncardiac Surgery patients cOhort evaluatioN Prospective Cohort. *Anesthesiology*. 2017 Jan;126(1):16-27.

ROTSTEIN, C.

Natori Y, Humar A, Husian S, Rotstein C, Renner E, Singer L, Kim J, Kumar D. Recurrence of CMV infection and the effect of prolonged anti-virals in organ transplant recipients. *Transplantation*. 2017;10:1449-54.

PUBLICATIONS

- Alghamdi A, Lutynski A, Minden M, Rotstein C. Successful Treatment of Gastrointestinal Mucormycosis in an Adult with Acute Leukemia: Case Report and Literature Review. *Curr Oncol.* 2017;24:e61-e64.
- AlDabbagh MA, Gitman MR, Kumar D, Humar A, Rotstein C, Husain S. The Role of Antiviral Prophylaxis for the Prevention of Epstein-Barr Virus Associated Posttransplant Lymphoproliferative Disease in Solid Organ Transplant Recipients: A Systematic Review Am J Transplant. 2017;17:770-81.
- Kassar R, Chang J, Chan A-W, Lilly LB, Rotstein C. Leflunomide therapy for the treatment of trichodysplasia spinulosa in a liver transplant recipient. *Transpl Infect Dis.* 2017;19:e12702.
- Kabbani D, Bhaskaran A, Singer LG, Bhimji A, Rotstein C, Keshavjee S, Liles WC, Husain S. Pentraxin 3 levels in bronchoalveolar lavage fluid of lung transplant recipients with invasive aspergillosis. *J Heart Lung Transplant.* 2017;36:973-9.
- Kabbani D, Iaboni A, Kwan D, Reece D, Husain S, Rotstein C. Cytomegalovirus reactivation after autologous stem cell transplantation for multiple myeloma. *J Assoc Med Microbiol Infect Dis Canada.* 2017;2(1). Epub 2017 Sep 29.
- Natori Y, Kassar R, Iaboni A, Hosseini-Moghaddam SM, Vu J, Husain S, Renner EL, Grant D, Rotstein C. Surgical site infections after liver transplantation: Prospective surveillance and evaluation of 250 recipients in Canada. *Infect Control Hosp Epidemiol.* 2017;38:1084-90.
- SCHULMAN, S.**
- Ageno W, Casella I, Han CK, Raskob GE, Schellong S, Schulman S, Singer DE, Kimura K, Tang W, Desch M, Goldhaber SZ. RE-COVERY DVT/PE: Rationale and design of a prospective observational study of acute venous thromboembolism with a focus on dabigatran etexilate. *Thromb Haemost.* 2017;117(2):415-21.
- Majeed A, Wallvik N, Eriksson J, Hoijer J, Bottai M, Holmström M, Schulman S. Optimal timing of vitamin K antagonist resumption after upper gastrointestinal bleeding. A risk modelling analysis. *Thromb Haemost.* 2017;117(3):491-9.
- Schulman S, Ritchie B, Nahiriak S, Gross PL, Carrier M, Majeed A, Hwang HG, Zondag M; Study investigators. Reversal of dabigatran-associated major bleeding with activated prothrombin concentrate: A prospective cohort study. *Thromb Res.* 2017;152:44-8.
- Xu Y, Schulman S, Dowlatshahi D, Holbrook AM, Simpson CS, Shepherd LE, Wells PS, Giulivi A, Gomes T, Mamdani M, Khoo W, Frymire E, Johnson AP, Bleeding Effectuated by Direct Oral Anticoagulants (BLED-AC) Study Group. Direct oral anticoagulant- or warfarin-related major bleeding: characteristics, reversal strategies and outcomes from a multi-center observational study. *Chest.* 2017;152(1):81-91.
- Feuring M, Schulman S, Eriksson H, Kakkar AJ, Schellong S, Hantel S, Schueler E, Kreuzer J, Goldhaber SZ. Net clinical benefit of dabigatran vs. warfarin in venous thromboembolism: analyses from RE-COVER®, RE-COVERT™ II, and RE-MEDY™. *J Thromb Thrombolysis.* 2017;43(4):484-9.
- Laporte S, Chapelle C, Bertoletti L, Ollier E, Zufferey P, Lega JC, Merah A, Décousus H, Schulman S, Meyer G, Cucherat M, Mismetti P. Assessment of clinically relevant bleeding as a surrogate outcome for major bleeding: validation by meta-analysis of randomized controlled trials. *J Thromb Haemost.* 2017;15(8):1547-58.
- Piran S, Delaney J, Schulman S, Salib M, Panju M, Pai M. Direct oral anticoagulants in the real world: insights into appropriate prescribing and medication use. *Can J Nurs Res.* 2017;49(3):105-7.
- Korompoki E, Filippidis FT, Nielsen PB, Del Giudice A, Lip GYH, Kuramatsu JB, Huttner HB, Fang J, Schulman S, Martí-Fàbregas J, Gathier CS, Viswanathan A, Biffi A, Poli D, Weimar C, Malzahn U, Heuschmann P, Veltkamp R. Long-term antithrombotic treatment in intracranial hemorrhage survivors with atrial fibrillation. *Neurology.* 2017;89(7):687-96.
- Majeed A, Ågren A, Holmström M, Bruzelius M, Chaireti R, Odeberg J, Hempel EL, Magnusson M, Frisk T, Schulman S. Management of rivaroxaban or apixaban associated major bleeding with prothrombin complex concentrates: a cohort study. *Blood.* 2017;130(15):1706-12.
- Piran S, Schulman S. Acute unilateral renal infarction in the setting of an inherited thrombophilia and atrial septal defect. *Case Rep Hematol.* 2017;2017:3159363.
- Goldhaber SZ, Schulman S, Eriksson H, Feuring M, Fraessdorf M, Kreuzer J, Schüller E, Schellong S, Kakkar AK. Dabigatran versus warfarin for acute venous thromboembolism in elderly or impaired renal function patients: pooled analysis of RE-COVER and RE-COVERT II. *Thromb Haemost.* 2017;117(11):2045-52.
- Khan F, Rahman A, Carrier M, Kearon C, Schulman S, Couturaud F, Prandoni P, Eichinger S, Becattini C, Agnelli G, Büller HR, Brighton TA, Palareti G, Pinede L, Sabri E, Hutton B, Wells GA, Rodger MA; MARVELOUS Collaborators. Long-term risk of recurrence after discontinuing anticoagulants for a first unprovoked venous thromboembolism: protocol for a systematic review and meta-analysis. *BMJ Open.* 2017 Sep 21;7(9):16950.
- 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, Le Gal G, Le Templier G, 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. 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.* 2017 Dec;117(12):2415-24.
- Chai-Adisaksophia C, Iorio A, Hillis C, Siegal D, Witt DM, Schulman S, Crowther M. Warfarin resumption following anticoagulant-associated intracranial hemorrhage: A systematic review and meta-analysis. *Thromb Res.* 2017;160:97-104.
- Piran S, Bednar D, Drew B, Schulman S. Optimal timing of starting thromboprophylaxis for patients with acute spinal cord injury: A survey of Canadian spine surgeons. *Thromb Res.* 2017 Dec;160:38-40.
- Schulman S. Bleeding complications and management on anticoagulant therapy. *Semin Thromb Hemost.* 2017;43(8):886-92.
- Schulman S, Singer D, Ageno W, Casella IB, Desch M, Goldhaber SZ. NOACs for treatment of venous thromboembolism in clinical practice. *Thromb Haemost.* 2017;117(7):1317-25.
- Schulman S, Ageno W, Konstantinides SV. Venous thromboembolism: Past, present and future. *Thromb Haemost.* 2017;117:1219-29.
- Schulman S. How I treat recurrent venous thromboembolism in patients on anticoagulant therapy. *Blood.* 2017; 129(25):3285-93.
- SCHWALM, J-D**
- Leong D, Joseph P, McKee M, Anand SS, Teo K, Schwalm JD, Yusuf S. Reducing the Global Burden of Cardiovascular Disease, Part 2: Prevention and Treatment of Cardiovascular Disease. *Circ Res.* 2017;121:695-710.
- Joseph P, Leong D, McKee M, Anand SS, Schwalm JD, Teo K, Mente A, Yusuf S. Reducing the Global Burden of Cardiovascular Disease, Part 1: The Epidemiology and Risk Factors. *Circ Res.* 2017;121(6):677-94.
- Gandhi S, Mosleh W, Sharma UC, Demers C, Farkouh ME, Schwalm JD. Multidisciplinary Heart Failure Clinics Are Associated with Lower Heart Failure Hospitalization and Mortality: Systematic Review and Meta-analysis. *Can J Cardiol.* 2017;33(10):1237-44.
- Lamelas P, Yusuf S, Schwalm JD. Effective approaches to address the global cardiovascular disease burden. *Curr Opin Cardiol.* 2017;32(5):557-66.

- Lamelas P, Khan M, Schwalm JD. Body mass index and mortality after acute coronary syndromes: a systematic review and meta-analysis. *Acta Cardiologica*. 2017;72(6):655-61.
- Ivers N, Schwalm JD, Witteman HO, Presseau J, Taljaard M, McCready T, Bosiak B, Cunningham J, Smarz S, Desveaux L, Tu JV, Atzema C, Oakes G, Isaranuwatchai W, Grace SL, Bhatia RS, Natarajan MK, Grimshaw JM. Interventions Supporting Long-term Adherence and Decreasing cardiovascular events (ISLAND): Pragmatic randomized trial protocol. *Amer Heart J*. 2017;190:64-79.
- Witteman HO, Presseau J, Nicholas Angl E, Jokhio I, Schwalm JD, Grimshaw JM, Bosiak B, Natarajan MK, Ivers NM, Negotiating Tensions Between Theory and Design in the Development of Mailings for People Recovering from Acute Coronary Syndrome, *JMIR Hum Factors*. 2017;4(1):e6.
- Vedanthan R, Bernabe-Ortiz A, Herasme OI, Joshi R, Lopez-Jaramillo P, Thrift AG, Webster J, Webster R, Yeates K, Gyamfi J, Leremia M, Johnson C, Kamano JH, Lazo-Porras M, Limbani F, Liu P, McCready T, Miranda JJ, Mohan S, Ogedegbe O, Oldenburg B, Ovbiagele B, Owolabi M, Peiris D, Ponce-Lucero V, Praveen D, Pillay A, Schwalm JD, Tobe SW, Trieu K, Yusoff K, Fuster V. Innovative Approaches to Hypertension Control in Low- and Middle-Income Countries. *Cardiol Clin*. 2017;35:99-115.
- Gandhi S, Chen S, Hong L, Sun K, Gong E, Li C, Lijing L, Schwalm JD. Effect of Mobile Health Interventions on the Secondary Prevention of Cardiovascular Disease: systematic review and meta-analysis. *Can J Cardiol*. 2017;33(2):219-31.
- Presseau J, Schwalm JD, Grimshaw JM, Witteman HO, Natarajan, MK, Linklater, S, Sullivan, K, Ivers, NM. Identifying determinants of medication adherence following myocardial infarction using the Theoretical Domains Framework and the Health Action Process Approach. *Psychology and Health* 2017;32(10):1176-94.
- ## SEARS, M.
- Stearns JC, Zulyniak MA, de Souza RJ, Campbell NC, Fontes M, Shaikh M, Sears MR, Becker AB, Mandhane PJ, Subbarao P, Turvey SE, Gupta M, Beyene J, Surrette MG, Anand SS; NutriGen Alliance. Ethnic and diet-related differences in the healthy infant microbiome. *Genome Med*. 2017;9:32.
- Tun HM, Konya T, Takaro TK, Brook JR, Chari R, Field CJ, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL; CHILD Study Investigators. Exposure to household furry pets influences the gut microbiota of infants at 3-4 months following various birth scenarios. *Microbiome*. 2017;5:40.
- Robinson PD, King GG, Sears MR, Hong CY, Hancox RJ. Determinants of peripheral airway function in adults with and without asthma. *Respirology*. 2017;22:1110-7.
- Jenkins CR, Eriksson G, Bateman ED, Reddel HK, Sears MR, Lindberg M, O'Byrne PM. Efficacy of budesonide/formoterol maintenance and reliever therapy compared with higher-dose budesonide as step-up from low-dose inhaled corticosteroid treatment. *BMC Pulm Med*. 2017;17:65.
- Bridgman SL, Azad MB, Field CJ, Haqq AM, Becker AB, Mandhane PJ, Subbarao P, Turvey SE, Sears MR, Scott JA, Wishart DS, Kozyrskyj AL; CHILD Study Investigators. Fecal short-chain fatty acid variations by breastfeeding status in infants at 4 months: differences in relative versus absolute concentrations. *Front Nutr*. 2017;4:11.
- Azad MB, Vehling L, Lu Z, Dai D, Subbarao P, Becker AB, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR; and the CHILD Study Investigators. Breastfeeding, maternal asthma and wheezing in the first year of life: a longitudinal birth cohort study. *Eur Respir J*. 2017;49.
- Tran MM, Lefebvre DL, Dai D, Dharma C, Subbarao P, Lou W, Azad MB, Becker AB, Mandhane PJ, Turvey SE, Sears MR, CHILD Study investigators. Timing of food introduction and development of food sensitization in a prospective birth cohort. *Pediatr Asthma Immunol*. 2017;28:471-7.
- Graham C, Chooniedass R, Stefura WP, Becker AB, Sears MR, Turvey SE, Mandhane PJ, Subbarao P, CHILD Study Investigators, HayGlass KT. In vivo immune signatures of healthy human pregnancy: inherently inflammatory or anti-inflammatory? *PLoS One*. 2017;12:e0177813.
- Braithwaite IE, Stewart AW, Hancox RJ, Murphy R, Wall CR, Beasley R, Mitchell EA; ISAAC Phase Three Study Group. Body mass index and vigorous physical activity in children and adolescents: an international cross-sectional study. *Acta Paediatr*. 2017;106:1323-30.
- Koleva PT, Tun HM, Konya T, Guttman DS, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, Scott JA, Kozyrskyj AL, CHILD Study Investigators. Sex-specific impact of asthma during pregnancy on infant gut microbiota. *Eur Respir J*. 2017 Nov 22;50(5).
- Zulyniak MA, de Souza RJ, Shaikh M, Desai D, Lefebvre DL, Gupta M, Wilson J, Wahli G, Subbarao P, Becker AB, Mandhane P, Turvey SE, Beyene J, Atkinson S, Morrison KM, McDonald S, Teo KK, Sears MR, Anand SS; NutriGen Alliance Investigators. Does the impact of a plant-based diet during pregnancy on birth weight differ by ethnicity? A dietary pattern analysis from a prospective Canadian birth cohort alliance. *BMJ Open*. 2017;7:e017753.
- Klopp A, Vehling L, Becker AB, Subbarao P, Mandhane PJ, Turvey SE, Lefebvre DL, Sears MR, CHILD Study Investigators, Azad MB. Modes of infant feeding and the risk of childhood asthma: a prospective birth cohort study. *J Pediatr*. 2017;190:192-9.e2.
- Shin HH, Lynch SJ, Gray AR, Sears MR, Hancox RJ. How much atopy is attributable to common childhood environmental exposures? A population-based birth cohort study followed to adulthood. *Int J Epidemiol*. 2017;46:2009-16.
- Yasmin F, Tun HM, Konya TB, Guttman DS, Chari RS, Field CJ, Becker AB, Mandhane PJ, Turvey SE, Subbarao P, Sears MR, CHILD Study Investigators, Scott JA, Dinu I, Kozyrskyj AL. Cesarean section, formula feeding, and infant antibiotic exposure: separate and combined impacts on gut microbial changes in later infancy. *Front Pediatr*. 2017;5:200.
- ## SEHMI, R.
- Gauvreau GM and Sehmi R. Pauca sed Matura: Few, but Ripe. *Am J Respir Crit Care Med*. 2017 Dec 1;196(11):1361-2.
- Salter B and Sehmi R. The role of bone marrow-derived endothelial progenitor cells and angiogenic responses in chronic obstructive pulmonary disease. *J Thorac Dis*. 2017 Jul;9(7):2168-77. Review.
- Oliveria JP, Salter BM, MacLean J, Kotwal S, Smith A, Harris JM, Scheerens H, Sehmi R, Gauvreau GM. Increased IgE+ B Cells in Sputum, but Not Blood, Bone Marrow, or Tonsils, after Inhaled Allergen Challenge in Subjects with Asthma. *Am J Respir Crit Care Med*. 2017 Jul 1;196(1):107-9.
- Salter B and Sehmi R. Epstein-Barr Virus-induced Gene 2 and Leukocyte Airway Recruitment in Response to Allergen Challenge. *Am J Respir Crit Care Med*. 2017 Jun 15;195(12):1543-4.
- Chen R, Smith SG, Salter B, El-Gammal A, Oliveria JP, Obminski C, Watson R, O'Byrne PM, Gauvreau GM, Sehmi R. Allergen-induced Increases in Sputum Levels of Group 2 Innate Lymphoid Cells in Subjects with Asthma. *Am J Respir Crit Care Med*. 2017 Sep 15;196(6):700-12.
- Sehmi R. Role of interleukin 33 in chronic rhinosinusitis. *Thorax*. 2017 Jul;72(7):591-3.
- Oliveria JP, Salter BM, Phan S, Obminski CD, Munoz CE, Smith SG, Scime T, Watson RM, Sehmi R, Gauvreau GM. Asthmatic subjects with allergy have elevated levels of IgE+ B cells in the airways. *J Allergy Clin Immunol*. 2017 Aug;140(2):590-3.

PUBLICATIONS

Salter BM and Sehmi R. Hematopoietic Processes in Eosinophilic Asthma. *Chest*. 2017 Aug;152(2):410-6. Review.

Mukherjee M, Lim HF, Thomas S, Miller D, Kjarsgaard M, Tan B, Sehmi R, Khalidi N, Nair P. Airway autoimmune responses in severe eosinophilic asthma following low-dose Mepolizumab therapy. *Allergy Asthma Clin Immunol*. 2017 Jan 6;13:2.

Mitchell PD, Salter BM, Oliveria JP, El-Gammal A, Tworek D, Smith SG, Sehmi R, Gauvreau GM, Butler M, O'Byrne PM. Glucagon-like peptide-1 receptor expression on human eosinophils and its regulation of eosinophil activation. *Clin Exp Allergy*. 2017 Mar;47(3):331-8.

SHARGALL, Y.

Agzarian J, Shargall Y. Open thoracic surgery: video-assisted thoracoscopic surgery (VATS) conversion to thoracotomy. *Shanghai Chest*. 2017;1:31.

Fahim C; Hanna WC; Waddell TK; Shargall Y; Yasufuku K. Robotic Assisted Thoracoscopic Surgery for Lung Resection: The First Canadian Series. *Can J Surg*. 2017 Aug;60(4):260-5.

Bertolaccini L, Bedetti B, Brunelli A, Marinova K, Ravaglia F, Rocco G, Shargall Y, Solli P, Varela G, Papagiannopoulos K, Kuzdzal J, Massard G, Ruffini E, Falcoz PE, Martinez-Barenys C, Opitz I, Batirel HF, Toker A, Scarci M; Members of the ESTS Pleural Disease Working Group. A benchmarking project on the quality of previous guidelines about the management of malignant pleural effusion from the European Society of Thoracic Surgeons (ESTS) Pleural Diseases Working Group. *Eur J Cardiothorac Surg*. 2017 Aug 1;52(2):356-62.

Nguyen NA, Isfahani N, Pond G, Hanna W, Cutz JC, Wright J, Swaminath A, Shargall Y, Chow T, Wierzbicki M, Okawara G, Quan K, Finley C, Juergens R, Tsakiridis T. A Novel Neoadjuvant Therapy for Operable Locally Invasive Non-Small-Cell Lung Cancer. Phase I Study of Neoadjuvant Stereotactic Body Radiotherapy. LINNEARRE I (NCT02433574). *Clin Lung Cancer*. 2017 Jul;18(4):436-440.e1.

De Waele M, Agzarian J, Hanna WC, Schieman C, Finley CJ, Macro J, Schneider L, Schnurr T, Farrokhyar F, Radford K, Nair P, Shargall Y. Does the usage of digital chest drainage systems reduce pleural inflammation and volume of pleural effusion following oncologic pulmonary resection? A prospective randomized trial. *J Thorac Dis*. 2017 Jun;9(6):1598-606.

Agzarian J, Linkins LA, Schneider L, Hanna WC, Finley CJ, Schieman C, De Perrot M, Crowther M, Douketis J, Shargall Y. Practice patterns in venous thromboembolism (VTE) prophylaxis in thoracic surgery: a comprehensive Canadian Delphi survey. *J Thorac Dis*. 2017 Jan;9(1):80-7.

SHERBINO, J.

Gottlieb M, Fant A, King A, Messman A, Robinson D, Carmelli G, Sherbino J. One Click Away: Digital Mentorship in the Modern Era. *Cureus*. 2017 Nov 11;9(11):e1838.

Chan TM, Sherbino J, Mercuri M. Nuance and Noise: Lessons Learned From Longitudinal Aggregated Assessment Data. *J Grad Med Educ*. 2017 Dec;9(6):724-9.

Sherbino J, Norman G. On Rating Angels: The Halo Effect and Straight Line Scoring. *J Grad Med Educ*. 2017 Dec;9(6):721-3.

Chan TM, Van Dewark K, Sherbino J, Schwartz A, Norman G, Lineberry M. Failure to flow: An exploration of learning and teaching in busy, multi-patient environments using an interpretive description method. *Perspect Med Educ*. 2017 Dec;6(6):380-7.

Sibbald M, Sherbino J, Preyra I, Coffin-Simpson T, Norman G, Monteiro S. Eyeballing: the use of visual appearance to diagnose 'sick'. *Med Educ*. 2017 Nov;51(11):1138-45. Epub 2017 Jul 31.

Kavak PA, Worster A, Ma J, Shortt C, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ. High-Sensitivity Cardiac

Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. *Can J Cardiol*. 2017 Jul;33(7):898-903. Epub 2017 May 3.

Cooney R, Chan TM, Gottlieb M, Abraham M, Alden S, Mongelluzzo J, Pasirstein M, Sherbino J. Academic Primer Series: Key Papers About Competency-Based Medical Education. *West J Emerg Med*. 2017 Jun;18(4):713-20. Epub 2017 May 1. Review.

Gottlieb M, Chan TM, Fredette J, Messman A, Robinson DW, Cooney R, Boysen-Osborn M, Sherbino J. Academic Primer Series: Five Key Papers about Study Designs in Medical Education. *West J Emerg Med*. 2017 Jun;18(4):705-12. Epub 2017 May 15. Review.

Holmboe ES, Sherbino J, Englander R, Snell L, Frank JR; ICBME Collaborators. A call to action: The controversy of and rationale for competency-based medical education. *Med Teach*. 2017 Jun;39(6):574-81.

Englander R, Frank JR, Carraccio C, Sherbino J, Ross S, Snell L; ICBME Collaborators. Toward a shared language for competency-based medical education. *Med Teach*. 2017 Jun;39(6):582-7.

Harris P, Bhanji F, Topps M, Ross S, Lieberman S, Frank JR, Snell L, Sherbino J; ICBME Collaborators. Evolving concepts of assessment in a competency-based world. *Med Teach*. 2017 Jun;39(6):603-8.

Sebok-Syer SS, Klinger DA, Sherbino J, Chan TM. Mixed Messages or Miscommunication? Investigating the Relationship Between Assessors' Workplace-Based Assessment Scores and Written Comments. *Acad Med*. 2017 Dec;92(12):1774-9.

Frank JR, Cheung WJ, Sherbino J, Primavesi R, Woods RA, Bandiera G, LeBlanc C. CAEP 2016 Academic Symposium: How to have an impact as an emergency medicine educator and scholar. *CJEM*. 2017 May;19(S1):S16-S21.

Chan TM, Thoma B, Hall AK, Murnaghan A, Ting DK, Hagel C, Weersink K, Camorlinga P, McEwen J, Bhanji F, Sherbino J. CAEP 2016 Academic Symposium: A Writer's Guide to Key Steps in Producing Quality Medical Education Scholarship. *CJEM*. 2017 May;19(S1):S9-S15.

Gottlieb M, Chan TM, Sherbino J, Yarris L. Multiple Wins: Embracing Technology to Increase Efficiency and Maximize Efforts. *AEM Educ Train*. 2017 May 8;1(3):185-90.

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). *CJEM*. 2018 Jan;20(1):125-31. Epub 2017 Apr 26.

Kavak PA, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A. A laboratory score at presentation to rule-out serious cardiac outcomes or death in patients presenting with symptoms suggestive of acute coronary syndrome. *Clin Chim Acta*. 2017 Jun;469:69-74. Epub 2017 Mar 23.

Thoma B, Paddock M, Purdy E, Sherbino J, Milne WK, Siemens M, Petrusa E, Chan T. Leveraging a Virtual Community of Practice to Participate in a Survey-based Study: A Description of the METRIQ Study Methodology. *AEM Educ Train*. 2017 Mar 22;1(2):110-3.

Thoma B, Sebok-Syer SS, Krishnan K, Siemens M, Trueger NS, Colmers-Gray I, Woods R, Petrusa E, Chan T; METRIQ Study Collaborators. Individual Gestalt Is Unreliable for the Evaluation of Quality in Medical Education Blogs: A METRIQ Study. *Ann Emerg Med*. 2017 Sep;70(3):394-401. Epub 2017 Mar 2.

Riddell J, Patocka C, Lin M, Sherbino J. JGME-ALiEM Hot Topics in Medical Education: Analysis of a Multimodal Online Discussion About Team-Based Learning. *J Grad Med Educ*. 2017 Feb;9(1):102-8.

Brush JE Jr, Sherbino J, Norman GR. How Expert Clinicians Intuitively Recognize a Medical Diagnosis. *Am J Med*. 2017 Jun;130(6):629-34. Epub 2017 Feb 24. Review.

Gottlieb M, Boysen-Osborn M, Chan TM, Krzyzaniak SM, Pineda N, Spector J, Sherbino J. Academic Primer Series: Eight Key Papers

about Education Theory. *West J Emerg Med.* 2017 Feb;18(2):293-302. Epub 2017 Jan 20.

Stiell G, Artz JD, Lang ES, Sherbino J, Morrison LJ, Christenson J, Perry JJ, Topping C, Woods R, Green RS, Lim R, Magee K, Foote J, Meckle G, Mensour M, Field S, Chung B, Kuuskne M, Ducharme J, Klein V, McEwen J. An Environmental Scan of Academic Emergency Medicine at the 17 Canadian Medical Schools: Why Does this Matter to Emergency Physicians? - CORRIGENDUM. *CJEM.* 2017 May;19(3):247. Epub 2017 Feb 9.

Li SA, Sherbino J, Chan TM. McMaster Modular Assessment Program (McMAP) Through the Years: Residents' Experience With an Evolving Feedback Culture Over a 3-year Period. *AEM Educ Train.* 2017 Jan 19;1(1):5-14.

Shortt C, Ma J, Clayton N, Sherbino J, Whitlock R, Pare G, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A, Kavak PA. Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. *Clin Chem.* 2017 Jan;63(1):403-14. Epub 2016 Nov 10.

SHOAMANESH, A.

Shoamanesh A, Charidimou A, Sharma M, Hart RG. Should Ischemic Stroke or TIA Patients with Atrial Fibrillation and Microbleeds be Anticoagulated? *Stroke.* 2017;48(12):3408-12.

Charidimou A, Boulouis G, Shams S, Calvet D, Shoamanesh A for the International META-MICROBLEEDS Initiative. Meta-analysis methodology in the field of cerebral microbleeds: the relevance of the clinical question and study quality in choosing the most appropriate model. *J Neurol Sci.* 2017;381:348-9.

Catanese L, Shoamanesh A. Identifying the Right Mentor. *Stroke.* 2017;48(9):e248-e251.

Charidimou A, Turc G, Oppenheim C, Yan S, Scheitz JF, Erdur H, Klinger-Gratz PP, El-Koussy M, Takahashi W, Moriya Y, Wilson D, Kidwell CS, Saver JL, Sallem A, Moulin S, Edjali-Goujon M, Thijss V, Fox Z, Shoamanesh A, Albers GW, Mattle HP, Benavente OR, Jager R, Ambler G, Aoki J, Baron JC, Kimura K, Kakuda W, Takizawa S, Jung S, Nolte CH, Lou M, Cordonnier C, Werring DJ. Cerebral Microbleeds, Intracerebral Hemorrhage and Functional Outcome after Thrombolysis for Acute Ischemic Stroke: Individual Patient Data Meta-Analysis. *Stroke.* Epub 2017 Jul 18.

Shoamanesh A, Pearce LA, Bazan C, Catanese L, McClure LA, Sharma M, Marti-Fabregas J, Anderson DC, Kase CS, Hart RG, Benavente OR, on behalf of the SPS3 Trial Investigators. Cerebral Microbleeds in the Secondary Prevention of Small Subcortical Strokes (SPS3) Trial: Stroke Recurrence, Mortality and Treatment Interactions. *Ann Neurol.* 2017;82(2):196-207.

Chu L, Sharma M, Shoamanesh A. Severe Cerebral Vasospasm and Infarction after Minor Head Trauma. *Can J Neurol Sci.* 2017;44(5):618-20.

Saber H, Himali JA, Beiser AS, Shoamanesh A, Pikula A, Roubenoff R, Romero JR, Kase CS, Vasan RS, Seshadri S. Serum Insulin-Like Growth Factor 1 and the Risk of Ischemic Stroke: The Framingham Heart Study. *Stroke.* 2017;48(7):1760-5.

Charidimou A, Boulouis G, Shams S, Calvet D, Shoamanesh A for the International META-MICROBLEEDS Initiative. Intracerebral haemorrhage risk among microbleed-positive ischaemic stroke patients with AF: preliminary meta-analysis of cohort studies and anticoagulation use decision schema. *J Neurol Sci.* 2017;378:102-9.

Nath S, Badhiwala J, Alhazzani W, Nassiri F, Belley-Cote E, Koziarz A, Shoamanesh A, Banfield L, Oczkowski W, Sharma M, Sahlas D, Reddy K, Farrokhyar F, Singh S, Sharma S, Zytaruk N, Selim M, Almenawer S. Atraumatic Versus Traumatic Lumbar Puncture Needles: A Systematic Review and Meta-Analysis Protocol. *BMJ Open.* 2017;7(3):e014478.

Romero JR, Beiser AS, Himali J, Shoamanesh A, DeCarli C, Seshadri S.

Cerebral Microbleeds and Risk of Incident Dementia: The Framingham Heart Study. *Neurobiol Aging.* 2017;54:95-9.

Romero JR, Preis SR, Beiser AS, Himali J, Shoamanesh A, Wolf PA, Kase CS, Vasan R, DeCarli C, Seshadri S. Cerebral Microbleeds as Predictors of Mortality and Morbidity: The Framingham Heart Study. *Stroke.* 2017;48(3):781-3.

Saber H, Thrift A, Kapral M, Shoamanesh A, Amiri A, Farzadfar MT, Behrouz R, Azarpazhooh MR. Incidence, Recurrence and Long Term Survival of Ischemic Stroke Subtypes: A Population-Based Study in the Middle East. *Int J Stroke.* 2017;12(8):835-43.

SHROFF, A.

Murdoch J, Shroff A, Brooks A, Irfan N, O'Shea T. Peri-splenectomy vaccination at tertiary-care facilities in Hamilton, Ontario. *JAMMI.* 2017;2(1):41-6.

Vasantha Mohan L, Kronfli N, Hou C, Prebtani AP, Shroff A. Subacute Infective Endocarditis Secondary to *Cardiobacterium hominis* in a Patient with Mitral Valve Prolapse. *CJGIM.* 2017;12(3):32-5.

Shroff A, Mertz D. Infectious Diseases Risk while on Chronic High-Dose Corticosteroids. *CJGIM.* 2017;12(1):10-3.

STEINBERG, G.

Barra NG, Fan IY, Gillen JB, Chew M, Marcinko K, Steinberg GR, Gibala MJ, Ashkar AA. High Intensity Interval Training Increases Natural Killer Cell Number and Function in Obese Breast Cancer-challenged Mice and Obese Women. *J Cancer Prev.* 2017;22(4):260-6.

Boyle KE, Patinkin ZW, Shapiro AL, Bader C, Vanderlinden L, Kechris K, Janssen RC, Ford RJ, Smith BK, Steinberg GR, Davidson EJ, Yang IV, Dabelea D, Friedman JE. Maternal obesity reduces fat oxidation and AMPK activity in mesenchymal stem cells from human infants. *Molecular Metabolism.* 2017;6(11):1503-16.

McGlory C, Allmna, Stokes, Smith BK, McArthur A, Steinberg GR, Baker S, Phillips SM. Failed recovery of glycemic control and myofibrillar protein synthesis with two weeks of physical inactivity in overweight, pre-diabetic older adults. *J Gerontol A Biol Sci Med Sci.* Epub 2017 Oct 31.

Pinkosky SL, Groot PHE, Lalwani ND, Steinberg GR. ATP-citrate lyase (ACL): a metabolic gatekeeper and therapeutic target for hypercholesterolemia and other metabolic disorders. *Trends in Molecular Medicine.* 2017;23(11):1047-63.

Dite TA, Ling NY, Scott JW, Galic S, Parker BL, Ngoei KR, Hoque A, Langendorf CG, O'Brien MT, Kundu M, Viollet B, Steinberg GR, Sakamoto K, Kemp BE, Oakhill JS. The autophagy initiator ULK1 sensitizes AMPK to allosteric drugs. *Nat Communications.* 2017;8(1):571.

Haq T, Crane JD, Kanji S, Gunn E, Tarnopolsky MA, Gerstein HC, Steinberg GR*, Morrison KM*. Optimizing the methodology for measuring supraclavicular skin temperature using infrared thermography; implications for measuring brown adipose tissue activity in humans. *Scientific Reports.* 2017;7(1):11934. * Equal Last and Corresponding Author.

Whitfield J, Paglia Lunga S, Smith BK, Miotto PM, Simnett G, Robson HL, Jain SS, Herbst, Desjardins EM, Dyck DJ, Spratt LL, Steinberg GR, Holloway GP. Ablating TBC1D1 impairs contraction-induced sarcolemmal glucose transporter type 4 redistribution, but not insulin-mediated responses in rats. *2017;292(40):16653-64.*

Chrysostomou V, van Wijngaarden P, Rezania F, Steinberg GR and Crowston JG. A high-fat high-sucrose diet impairs optic nerve recovery after injury in mice and this is not reversed by exercise. *Experimental Eye Research.* 2017;162:104-9.

Pulito C, Mori F, Sacconi A, Goeman F, Pasanisi P, Campagnoli C, Berrino F, Fanciulli M, Ciocca M, Muti P, Strano S, Blandino G.

PUBLICATIONS

- Metformin-induced ablation of microRNA 21-5p releases Sestrin1 and CAB39L anti-tumoral activities. *Cell Discovery.* 2017;3:17022.
- Day EA, Ford RJ, Steinberg GR. AMPK as a therapeutic target for treating metabolic diseases. *Trends in Endocrinology and Metabolism.* 2017;28(8):545-60.
- Houde VP, Donzelli S, Sacconi A, Galic S, Hammill JA, Bramson JL, Foster RA, Tsakiridis T, Kemp BE, Grasso G, Blandino G, Muti P, Steinberg GR. AMPK β 1 reduces tumor progression and improves survival in p53-null mice. *Molecular Oncology.* 2017;11(9):1143-55.
- Mottillo EP, Desjardins EM, Fritzen AM, Zou VZ, Crane JD, Yabut JM, Kiens B, Erion DM, Lanba A, Granneman JG, Talukdar S, Steinberg GR. FGF21 does not require adipocyte AMP-activated protein kinase (AMPK) or the phosphorylation of acetyl-CoA carboxylase (ACC) to mediate improvements in whole body glucose homeostasis. *Molecular Metabolism.* 2017;6(6):471-81.
- Troncone M, Cargnelli SM, Villani LA, Isfahanian N, Broadfield LA, Zychla L, Wright J, Pond G, Steinberg GR, Tsakiridis T. Targeting metabolism and AMP-activated kinase with metformin to sensitize non-small cell lung cancer (NSCLC) to cytotoxic therapy; translational biology and rationale for current clinical trials. *Oncotarget.* 2017;8(34):57733-54.
- Smith BK, Steinberg GR. AMP-activated protein kinase, fatty acid metabolism, and insulin sensitivity. *Curr Opin Clin Nutr Metab Care.* 2017;20(4):248-53.
- Sylow L, Møller L, Kleinert M, D'Hulst G, De Groote E, Schjerling P, Steinberg GR, Jensen TE and Richter EA. Skeletal muscle glucose transport in response to contractions and treadmill exercise: role of Rac1 and AMP. *Diabetes.* 2017;66(6):1548-59.
- Cavallari JF, Fullerton MD, Duggan BM, Foley KP, Denou E, Smith BK, Desjardins EM, Henriksen BD, Kim KJ, Tuinema BR, Stearns JC, Prescott D, Rosenstiel P, Coombes BK, Steinberg GR, Schertzer JD. Muramyl dipeptide-based postbiotics reduce insulin resistance via IRF4. *Cell Metabolism.* 2017 May;25(5):1063-74.
- Gaur V, Connor T, Venardos K, Henstridge DC, Martin SD, Swinton C, Morrison S, Aston-Mourney K, Gehrig SM, van Ewijk R, Lynch GS, Febbraio MA, Steinberg GR, Hargreaves M, Walder KR, McGee SL. Scriptaid enhances skeletal muscle insulin action and cardiac function in obese mice. *Diabetes Obes Metab.* 2017;19(7):936-43.
- Gerstein HC, Pare G, Hess S, Ford RJ, Sjaarda J, Raman K, McQueen M, Lee SF, Haenel H, Steinberg GR for the ORIGIN Investigators. Growth Differentiation Factor 15 as a Novel Biomarker for Metformin. *Diabetes Care.* 2017;40(2):280-3.
- Miotto PM, Steinberg GR, and Holloway GP. Controlling Skeletal Muscle CPT-I Malonyl-CoA Sensitivity: The Importance of AMPK-Independent Regulation of Intermediate Filaments during Exercise. *Biochemical Journal.* 2017;474(4):557-69.
- TANG, D.**
- Mei W, Kapoor A, Major P, Shayegan B, and Tang D. Progress towards accurate prediction of overall survival in men with metastatic castration-resistant prostate cancer. *Journal of Xiangya Medicine.* 2017 Feb 13;2:17.
- Wong N, Gu Y, Kapoor A, Lin X, Ojo D, Wei F, Yan J, de Melo J, Major P, Wood G, Aziz T, Cutz JC, Bonert M, Patterson AJ, Tang D. Upregulation of FAM84B during prostate cancer progression. *Oncotarget.* 2017 Mar 21;8(12):19218-35.
- Lin X, Wei F, Major P, Al-Nedawi K, Al Saleh HA, Tang D. Microvesicles contribute to the bystander effect of DNA damage. *Int J Mol Sci.* 2017 Apr 7;18(4).
- Lin X, Gu Y, Kapoor A, Wei F, Aziz T, Ojo D, Jiang Y, Bonert M, Shayegan B, Yang H, Al-Nedawi K, Major P, Tang D. Overexpression of MUC1 and genomic alterations in its network associate with prostate cancer progression. *Neoplasia.* 2017 Nov;19(11):857-67.
- Ojo D, Seliman M, Tang D. Signatures derived from increase in SHARPIN gene copy number are associated with poor prognosis in patients with breast cancer. *BBA Clinical.* 2017 Aug 24;8:56-65.
- Lin X, Wei F, Whyte P, Tang D. BMI1 reduces ATR activation and signaling caused by hydroxyurea. *Oncotarget.* 2017 Sep 20;8(52):89707-21.
- Bonert M, El-Shinnawy I, Carvalho M, Williams P, Salama S, Tang D, Kapoor A. Next generation quality: assessing the physician in clinical history completeness and diagnostic interpretations using funnel plots and normalized deviation plots in 3,854 prostate biopsies. *J Pathol Inform.* 2017 Nov 23;8:43.
- Ojo D, Wu Y, Bane A, and Tang D. SIPL1/SHARPIN promotes the development of resistance to hormone therapy in patients with breast cancer. *BBA – Molecular Basis of Disease.* 2017 Dec 14;1864(3):735-45.
- TEO, K.**
- Christie S, Robiou-du-Pont S, Anand SS, Morrison KM, McDonald SD, Atkinson SA, Teo KK, Meyre D. Genetic contribution to lipid levels in early life based on 158 loci validated in adults: the FAMILY study. *Sci Rep.* 2017;7(1):68.
- Teo KK, Dokainish H. Effective management of cardiovascular risk factors. Are we doing enough? *Can J Cardiol.* 2017 Mar;33:300-2.
- Teo KK, Dokainish H. The emerging epidemic of cardiovascular risk factors and atherosclerotic disease in developing countries. *Can J Cardiol.* 2017 Mar;33(3):358-65.
- Chow CK, Corsi DJ, Gilmore A, Kruger A, Igumbor E, Chifamba J, Wang Y, Li W, Iqbal R, Mony P, Gupta R, Vijaykumar K, Mohan V, Kumar R, Rahman O, Yusoff K, Ismail N, Zatonska K, Altuntas Y, Rosengren A, Bahonar A, Yusufali A, Dagenais G, Lear S, Diaz R, Avezum A, Lopez-Jaramillo P, Lanas F, Rangarajan S, Teo K, McKee M, Yusuf S. Tobacco control environment: cross sectional survey of policy implementation, social unacceptability, knowledge of tobacco harms and relationship to quit ratio in 17 low-income, middle income and high income countries. *BMJ Open.* 2017;7:e013817.
- Dokainish H, Teo K, Zhu J, Roy A, AlHabib KF, Elsayed A, Palileo-Villaneuve A, Lopez-Jaramillo P, Kuraye K, Yusoff K, Orlandini A, Sliwa K, Mondo C, Lanas F, Prabhakaran D, Badr A, Elmaghawry, Damasceno A, Tibazarwa K, Belley-Cote E, Balasubramanian K, Islam S, Yacoub MH, Huffman MD, Harkness K, Grimvalds A, McKelvie R, Bangdiwala S, Yusuf S, on behalf of the INTER-CHF Investigators. Global mortality variations in patients with heart failure: results from the International Congestive Heart Failure (INTER-CHF) prospective cohort study. *Lancet Global Health.* 2017 Jul;5(7):e665-e672.
- Bohm M, Schumacher H, Teo KK, Lonn EM, Mahfoud F, Mann JF, Mancia G, Redon J, Schmieder RE, Sliwa K, Weber MA, William B, Yusuf S. Achieved blood pressures and cardiovascular outcomes in high-risk patients: results from the ONTARGET and TRANSCEND trials. *Lancet.* Epub 2017 Apr 5.
- Capoulade R, Chan KL, Matieu P, Bosse Y, Dumesnil JG, Tam JW, Teo KK, Yang X, Witztum JL, Arsenault BJ, Despres JP, Pibarot P, Tsimikas S. Autoantibodies and immune complexes to oxidation-specific epitopes and progression of aortic stenosis: Results from the ASTRONOMER trial. *Atherosclerosis.* 2017 May;260:1-7. Epub 2017 Mar 9.
- Miller V, Mente A, Dehghan M, Rangarajan S, Zhang X, Swaminathan S, Dagenais G, Gupta R, Mohan V, Lear S, Bangdiwala SI, Schutte AE, Wentzel-Viljoen E, Avezum A, Altuntas Y, Yusoff K, Ismail N, Peer N, Chifamba J, Diaz R, Rahman O, Mohammadi Fard N, Lanas F, Zatonska K, Wielgosz A, Yusufali A, Iqbal R, Lopez-Jaramillo P, Khatib R, Rosengren A, Raman Kutty V, Li W, Liu J, Yin L, Teo K, Anand S, Yusuf S, on behalf of the Prospective Urban Rural Epidemiology (PURE) study investigators. Fruit, vegetable, legume intake, and cardiovascular disease and deaths in 18 countries (PURE): a prospective cohort study. *Lancet.* Epub 2017 Aug 28.
- Mente A, Dehghan M, Rangarajan S, McQueen M, Dagenais G, Wielgosz A, Lear S, Li W, Chen H, Yi S, Wang Y, Diaz R, Avezum A,

Lopez-Jaramillo P, Seron P, Kumar R, Gupta R, Mohan V, Swaminathan S, Kutty R, Zatonska K, Iqbal R, Yusuf R, Mohammadifard N, Khatib R, Nasir NM, Ismail N, Oguz A, Rosengren A, Yusufali A, Wentzel-Viljoen E, Puone T, Chifamba J, Teo K, Anand SS, Yusuf S, on behalf of the Prospective Urban Rural Epidemiology (PURE) study investigators. Association of dietary nutrients with blood lipids and blood pressure in 18 countries: a cross-sectional analysis from the PURE study. *Lancet Diabetes Endocrinol.* 2017 Oct 5(10):774-87.

Dehghan M, Mente A, Zhang X, Swaminathan S, Li W, Mohan V, Igbal R, Kumar R, Wentzel-Viljoen E, Rosengren A, Amma LI, Avezum A, Chifamba J, Dias R, Khatib R, Lear S, Lopez-Jaramillo P, Liu X, Gupta R, Mohammadifard N, Gao N, Oguz A, Ramli AS, Seron P, Sun Y, Szuba A, Tsolekile L, Wielgosz A, Yusuf R, Yusufali AH, Teo KK, Rangarajan S, Dagenais G, Bangdiwala SI, Islam S, Anand SS, Yusuf S, on behalf of the Prospective Urban Rural Epidemiology (PURE) study investigators. Associations of fats and carbohydrate intake with cardiovascular disease and mortality in 18 countries from five continents (PURE): a prospective cohort study. *Lancet.* Epub 2017 Aug 28.

Joseph P, Leong D, McKee M, Anand SS, Schwalm JD, Teo K, Mente A, Yusuf S. Reducing the Global Burden of Cardiovascular Disease, Part 1. The Epidemiology and Risk Factors. *Circ Res.* 2017;121:677-94.

Leong DP, Joseph PG, McKee M, Anand SS, Teo KK, Schwalm JD, Yusuf S. Reducing the Global Burden of Cardiovascular Disease, Part 2: Prevention and Treatment of Cardiovascular disease. *Circ Res.* 2017 Sep 1;121(6):695-710.

Lear SA, Hu W, Rangarajan S, Gavevic D, Leong D, Iqbal R, Casanova A, Swaminathan S, Anjana RM, Kumar R, Rosengren A, Li W, Wang Y, Wang C, Huaxing L, Nair S, Diaz R, Swidon H, Gupta R, Mohammadifard N, Lopez-Jaramillo P, Oguz A, Zatonska K, Saron P, Avezum A, Poirier P, Teo K, Yusuf S. The effect of physical activity on mortality and cardiovascular disease in 130,000 people from 17 high-income, middle-income, and lower-income countries: the PURE study. *Epub* 2017 Sep 21.

Anand SS, Gupta M, Teo KK, Schuze KM, Desai D, Abdalla N, Zulyniak M, de Sousa R, Wahi G, Shaikh M, Beyene J, de Villa E, Morrison K, McDonald SD, Gerstein H; South Asia Birth Cohort (START) – Canadian Investigators. Causes and consequences of gestational diabetes in South Asians in Canada: results from a prospective birth cohort. *CMAJ Open.* 2017 Aug 9;5(3):E604-E611.

Robiou-du-Pont S, Anand SS, Morrison KM, McDonald SD, Atkinson SA, Teo KK, Meyre D. Parental and offspring contribution of genetic markers of adult markers of adult blood pressure in early life: The FAMILY Study. *PLoS One.* 2017 Oct 18;12(10):e0186218.

Teo KK, Dokainish H. Heart failure in transition: Is it really better to be younger? *Can J Cardiol.* 2017 Nov;33:1455-6.

Palafox B, Goryakin Y, Stuckler D, Suhrcke M, Balabanova D, Alhabib K, Avezum A, Bahonor A, Bai X, Chifamba J, Dans AL, Diaz R, Gupta R, Iqbal R, Ismail N, Kaur M, Keskinler MV, Khatib R, Kruger A, Kruger IM, Lanas F, Lear SA, Li W, Liu J, Lopez-Jaramillo P, Nasheeta P, Poirier, Rahman O, Rajamohanan K, Rangarajan S, Rosengren A, Swaminathan S, Szuba A, Teo K, Wang Y, Wielgosz A, Yeates KE, Yusufali A, Yusuf S, McKee M. Does greater individual social capital improve the management of hypertension? Cross-national analysis of 61 229 individuals in 21 countries. *BMJ Glob Health.* 2017 Dec 17;2(4):0:e000443.

Avezum A, Oliveira GBF, Lanas F, Loprez-Jaramillo P, Miranda JJ, Seron P, Camacho-Lopez PA, Orlandini A, Bernabe-Ortiz A, Cordeiro Mattos A, Islam S, Rangarajan S, Teo K, Yusuf S. Secondary CV prevention in South America in a community setting: the PURE study. *Glob Heart.* 2017 Dec;12(4):305-13. Epub 2016 Oct 20.

Mancia G, Schumacher H, Bohm M, Redon J, Schmieder RE, Verdecchia P, Sleight P, Teo K, Yusuf S. Relative and combined prognostic importance of on-treatment mean and visit to visit blood pressure variability in ONTARGET and TRANSCEND patients. *Hypertension.* 2017 Nov;70(5):938-48. Epub 2017 Oct 3.

Joseph P, Yusuf S, Lee SF, Ibrahim Q, Teo K, Rangarajan S, Gupta R, Rosengren A, Lear SA, Avezum A, Lopez-Jaramillo P, Gulec S, Yusufali A, Chifamba J, Lanas F, Kumar R, Mohammadifard N, Mohan V, Mony P, Kruger A, Liu X, Guo B, Zhao W, Yang Y, Pillai R, Krishnapillai A, Iqbal R, Yusuf R, Szuba A, Anand SS, PURE Investigators. Prognostic validation of a non-laboratory and laboratory based cardiovascular disease risk score in multiple regions of the world. *Heart.* Epub 2017 Oct 24.

Zulyniak MA, de Souza RJ, Shaikh M, Desai D, Lefebvre DL, Gupta M, Wilson J, Wahi G, Subbarao P, Becker AN, Mandhane P, Turvey SE, Beyene J, Atkinson S, Morrison KM, McDonald S, Teo KK, Sears MR, Anand SS, NutriGen Alliance Investigators. Does the impact of a plant-based diet during pregnancy on birth weight differ by ethnicity? A dietary pattern analysis from a prospective Canadian birth cohort alliance. *BMJ Open.* 2017 Nov 14;7(11):e017753.

Attaei MW, Khatib R, McKee M, Lear S, Dagenais G, Igumbor EU, AlHabib KF, Kaur M, Kruger L, Teo K, Lanas F, Yusoff K, Oguz A, Gupta R, Yusufali AM, Bahonor A, Kutty R, Rosengren A, Mohan V, Avezum A, Yusuf R, Szuba A, Rangarajan S, Chow C, Yusuf S, PURE study investigators. Availability and affordability of blood pressure lowering medicines and the effect on blood pressure in high-income, middle-income and low-income countries: an analysis of the PURE study data. *Lancet Public Health.* 2017 Sep;2(9):e411-e419.

UPADHYE, S.

Upadhye S. Creating opioid dependence in the emergency department. *CJEM.* 2018 Jan;20(1):100-3. Epub 2017 Sep 29.

Cheng AHY, Campbell S, Chartier LB, Goddard T, Magee K, McEwen J, Kapur AK, Holroyd BR, Upadhye S, Couperthwaite S, Rowe BH. Choosing Wisely Canada®: Five tests, procedures and treatments to question in Emergency Medicine. *CJEM.* 2017 Jul;19(S2):S9-S17. Epub 2017 Mar 2.

Hernandez JM, Hamilton D, Upadhye S. Self-Inflicted Nailgun-Induced Penetrating Penile Injury: Case Report and Discussion. *CJEM.* 2017 May;19(3):238-41. Epub 2016 Jul 13. Review.

VALANI, R.

Taves J, Skitch S, Valani R. Determining the clinical significance of errors in pediatric radiograph interpretation between emergency physicians and radiologists. *CJEM.* 2017 Jun;19:1-5.

Book Chapter

Valani R. Emergency Medicine. In: Preparing for international health experiences: A practical guide (Arya AN, Ed.), Rutledge, UK, 2017.

VENDER, R.

Pariser D, Frankel E, Schlessinger J, Poulin Y, Vender R, Langley RG, Meng X, Guana A, Nyirady J. Efficacy of Secukinumab in the Treatment of Moderate to Severe Plaque Psoriasis in the North American Subgroup of Patients: Pooled Analysis of Four Phase 3 Studies. *Dermatol Ther (Heidelb).* Epub 2017 Dec 7.

Cohen A, Wu J, Vender R, et. al. Biosimilars for Psoriasis: Worldwide Overview of Regulatory Guidelines, Uptake and Implications for Dermatology Clinical Practice. *Br J Dermatol.* Epub 2017 Nov 27.

Guenther L, Kunynetz R, Lynde C, Sibbald R, Toole J, Vender R, Zip C. Acitretin Use in Dermatology. Acitretin Use in Dermatology. *J Cutan Med Surg.* Epub 2017 Sep 27.

Kavanaugh, Vender R, et al. Ixekizumab Improves Patient-Reported Outcomes in Patients with Active Psoriatic Arthritis and Previous Inadequate Response to Tumour Necrosis Factor Inhibitors. *Ann Rheum Dis.* 2017 Aug;76(2):941.

Vender R. Onychomycosis: An Overview of the Efinaconazole Clinical Data and its Place in the Treatment Algorithm. *Elsevier Perspectives in Dermatology.* 2017;1(3).

PUBLICATIONS

Cohen A, Wu J, Puig L, Chimenti S, Vender R, Rajagopalan M, Romiti, de la Cruz C, Skov L, Zachariae C, Young HS, Foley P, van der Walt JM, Naldi L, Prens EP and Blauvelt A. Biosimilars for psoriasis: worldwide overview of regulatory guidelines, uptake and implications for dermatology clinical practice. *Br J Dermatol.* Epub 2017 Jun 24.

Gladman D, Poulin Y, Vender R, et al. Treating Psoriasis and Psoriatic Arthritis: Position Paper on Applying the Treat-to-target Concept to Canadian Daily Practice. *J Rheumatology.* 2017 Apr;44(4):519-34.

VERHOVSEK, M.

Zeller MP, Verhovsek M. Treating Iron Deficiency. *CMAJ.* 2017 March 13;189(10):E049.

WASERMAN, S.

Jiménez-Saiz R, Chu DK, Mandur TS, Walker TD, Gordon ME, Chaudhary R, Koenig J, Saliba S, Galipeau HJ, Utley A, King IL, Lee K, Ettinger R, Waserman S, Kolbeck R, Jordana M. Lifelong memory response perpetuates humoral Th2 immunity and anaphylaxis in patients with food allergy. *J Allergy Clin Immunol.* 2017 Feb 16. pii: S0091-6749(17)30235-X.

Simms E, Foster G, Arias K, Larché M, Freitag T, Walker T, Goncharova S, Marrin A, Freitag A, Jordana M, Waserman S. Predication of clinical peanut allergy status among children in Hamilton, Ontario using chart review data collected during 2012-2015. *Allergy Asthma Clin Immunol.* 2017 Feb 8;13:10.

Marchisotto MJ, Harada L, Kamdar O, Smith BM, Waserman S, Sicherer S, Allen K, Muraro A, Taylor S, Gupta RS. Food allergen labeling and purchasing habits in the United States and Canada. *J Allergy Clin Immunol Pract.* 2017 Mar-Apr;5(2):345-51.e2.

Brozek JL, Bousquet J, Agache I, Agarwal A, Bachert C, Bosnic-Anticevich S, Brignardello-Petersen R, Canonica GW, Casale T, Chavannes NH, et al. Allergic Rhinitis and its Impact on Asthma (ARIA) guidelines-2016 revision. *J Allergy Clin Immunol.* 2017 Jun 8. pii: S0091-6749(17)30919-3.

Waserman S, Avilla E, Ben-Shoshan M, Rosenfield L, Adcock AB, Greenhawt M. Epinephrine Autoinjectors: New Data, New Problems. *J Allergy Clin Immunol Pract.* 2017;5(5):1180-91.

Book Chapter

Jiménez-Saiz R, Chu DK, Waserman S, Jordana M. Initiation, persistence and exacerbation of food allergy. In: *Allergy prevention and exacerbation*, Springer Publishing Co., New York, 2017.

WEITZ, J.

Fredenburgh JC, Gross PL, Weitz JI. Emerging antithrombotic strategies. *Blood.* 2017;129(2):147-54.

Eikelboom JW, Quinlan DJ, Hirsh J, Connolly SJ, Weitz JI. Laboratory monitoring of non-vitamin K antagonist oral anticoagulant use in patients with atrial fibrillation: A Review. *JAMA Cardiology.* 2017;2(5):566-74.

Weitz JI. Reversal of direct oral anticoagulants: Current status and future directions. *Semin Respir Crit Care Med.* 2017;38:40-50.

Weitz JI, Fredenburgh JC. Platelet polyphosphate: The long and short of it. *Blood.* 2017;129(12):1574-75.

Donkor DA, Bhakta V, Eltringham-Smith LJ, Stafford AR, Weitz JI, Sheffield W. Selection and characterization of a DNA aptamer inhibiting coagulation factor Xla. *Scientific Reports.* 2017;7(1):2102.

Paikin J, Hirsh J, Ginsberg J, Weitz JI, Chan NC, Whitlock RP, Pare G, Eikelboom JW. Once versus twice daily aspirin after coronary bypass surgery: a randomized trial. *J Thromb Haemost.* 2017 May;15(5):889-96.

Weitz JI, Lensing AWA, Prins MH. Extended treatment of venous thromboembolism. *NEJM.* 2017;376(25):2491-2.

Weitz JI, Harenberg J. New developments in anticoagulants: Past, present and future. *Thromb Haemost.* 2017;117(7):1283-8.

Beyer-Westendorf J, Schellong SM, Gerlach H, Rabe E, Weitz JI, Jersemann K, Sahin K, Bauersachs R, for the SURPRISE Investigators. Evaluation of direct oral anticoagulants in superficial-vein thrombosis – Authors' reply. *Lancet Haematol.* 2017 Jun;4(6):e254-e255.

Pabinger I, Weitz JI. Research and Practice in Thrombosis and Haemostasis -- A new ISTH publishing platform for the global thrombosis and hemostasis community. *Res Pract Thromb Haemost.* 2017;1:6-8.

Wendelboe AM, St. Germain L, Krolak B, Reiser T, Raskob G, on behalf of the ISTH Steering Committee on World Thrombosis Day. Impact of World Thrombosis Day campaign. *Res Pract Thromb Haemost.* 2017 Jul 8;1(1):138-41.

Weitz JI, Jaffer IH, Fredenburgh JC. Recent advances in the treatment of venous thromboembolism. *F1000 Reviews.* 2017;6:985.

Weitz JI, Lensing AWW, Prins M, Bauersachs R, Beyer-Westendorf J, Bounnameaux H, Brighton TA, Cohen AT, Davidson BL, Decousus H, Freitas MC, Holberg G, Kakkar A, Haskell L, van Bellen B, Pap AF, Berkowitz SK, Verhamme P, Wells PS, Prandoni P, on behalf of the EINSTEIN CHOICE Investigators. Rivaroxaban or aspirin for extended treatment of venous thromboembolism. *NEJM.* 2017;376(13):1211-22.

Pollack CV, Jr, Reilly PA, van Ryn J, Eikelboom J, Glund S, Berstein RA, Dubiel R, Huisman MV, Hylek EM, Kam CW, Kamphuisen PW, Kreuzer J, Levy JH, Royle G, Selke FW, Stangier J, Steiner T, Verhamme P, Wano B, Young L, Weitz JI. Idarucizumab for dabigatran reversal – Full Cohort Analysis. *NEJM.* 2017;377(5):431-41.

Badv M, Jaffer I, Weitz JI, Didar T. An omniphobic lubricant-infused coating produced by chemical vapor deposition of hydrophobic organosilanes attenuates clotting on catheter surfaces. *Scientific Reports.* 2017;7(1):11639.

Weitz JI, Fredenburgh JC. Factor XI and XII as targets for new anti-coagulants. *Frontiers in Medicine.* 2017;4:19.

Wu C, Stafford AR, Fredenburgh JC, Weitz JI, Gils A, Declerck PJ, Kim PY. Lys 42/43/44 and Arg 12 of thrombin-activatable fibrinolysis inhibitor comprise a thrombomodulin exosite essential for its antifibrinolytic potential. *Thromb Haemost.* 2017;117(8):1509-17.

Chen K, Stafford AR, Wu C, Kim PY, Fredenburgh JC, Weitz JI. Exosite 2-directed ligands modulate protein C activation by the thrombin-thrombomodulin complex. *Biochemistry.* 2017;56(24):3119-28.

Chan N, Weitz JI. In high-risk patients with arthritis and previous upper GI bleeding, celecoxib vs. naproxen reduced recurrent bleeding. *Ann Intern Med.* 2017;167(4):JC17.

Beyer-Westendorf J, Schellong SM, Gerlach H, Rabe E, Weitz JI, Jersemann K, Sahin K, Bauersachs R; SURPRISE Investigators. Prevention of thromboembolic complications in patients with superficial-vein thrombosis given rivaroxaban or fondaparinux: the open-label, randomized, non-inferiority SURPRISE phase 3b trial. *Lancet Haematol.* 2017;4(3):e105-e113.

Wendelboe AM, Raskob GE, Angchaisuksiri P, Bianco AN, Buller H, Dungu H, Dvorak J, Hunt BJ, Hylek EM, Kakkar A, Konstantinides SV, McCumber M, McLintock C, Urano T, Weitz JI. Global public awareness about atrial fibrillation. *Res Pract Thromb Haemost.* 2017;2(1):49-57.

Steiner T, Weitz J, Veltkamp R. Anticoagulant related ICH and now the availability of reversal agents. *Stroke.* 2017;48(5):1432-7.

Pollack CV Jr, Reilly PA, Weitz JI. Dabigatran reversal with idarucizumab. *NEJM.* 2017;377(17):1691-2.

Pollack CV Jr, Bernstein R, Dubiel R, Reilly P, Gruenenfelder F, Huisman MV, Kam C-W, Kleine E, Levy JH, Selke FW, Steiner T, Ustyugova A,

Weitz JI. Healthcare resource utilization in patients receiving idarucizumab for reversal of dabigatran anticoagulation due to major bleeding, urgent surgery, or procedural interventions: Interim results from the RE-VERSE AD study. *J Med Econ.* 2017;20(5):435-42.

Weitz JI, Fredenburgh JC, Eikelboom JW. A test in context: D-dimer. *J Am Coll Cardiol.* 2017;70(19):2411-20.

Medina A, Raskob G, Ageno W, Cohen AT, Brekelmans MPA, Chen CZ, Grossi M, Mercuri MF, Segers A, Verhamme P, Vanassche T, Wells PS, Lin M, Winters SM, Weitz JI, Buller HR. Outpatient management in patients with venous thromboembolism with edoxaban: a post-hoc analysis of the Hokusai-VTE study. *Thromb Haemost.* 2017 Dec;117(12):2406-14.

Chan NC, Weitz JI. Measuring dabigatran levels: What tests are available and what still needs to be done? *Thromb Haemost.* 2017;117(12):2213-4.

Chan N, Weitz JI, Eikelboom J. Anticoagulation for mechanical heart valves: Will oral factor Xa inhibitors be effective? *Arterioscler, Thromb Vasc Biol.* 2017;37(5):743-5.

Jaffer IH, Chan N, Roberts R, Eikelboom JW, Weitz JI. Comparison of the ecarin chromogenic assay and diluted thrombin time for quantification of dabigatran concentrations. *J Thromb Haemost.* 2017;15(12):2377-87.

Vanassche T, Verhamme P, Wells PS, Segers A, Ageno W, Brekelmans MPA, Chen CZ, Cohen AT, Grossi M, 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. *Thromb Res.* 2017;162:7-14.

Dart RC, Goldfrank LR, Erstad BL, Huang DT, Todd KH, Weitz JI, Bebartha VS, Caravati EM, Henretig FM, Delbridge TR, Banner W, Schneider SM, Anderson VE. Expert consensus guidelines for stocking of antidotes in hospitals that provide emergency care. *Ann Emerg Med.* Epub 2017 Jun 29.

Book Chapters:

Fredenburgh JC, Weitz JI. Overview of Hemostasis and Thrombosis. In: Hoffman, Hematology: Basic Principles and Practices, 7th Edition, Part XII, Chapter 122, pp. 1831-42, 2017.

Anderson, JAM, Weitz JI. Hypercoagulable States. In: Hoffman, Hematology: Basic Principles and Practices, 7th Edition, Part XII, Chapter 140, pp. 2076-87, 2017.

Eikelboom JW, Weitz JI. Acute Coronary Syndromes. In: Hoffman, Hematology: Basic Principles and Practices, 7th Edition, Part XII, Chapter 146, pp. 2142-51, 2017.

Jaffer IH, Weitz JI. Antithrombotic Drugs. In: Hoffman, Hematology: Basic Principles and Practices, 7th Edition, Part XII, Chapter 149, pp. 2168-88, 2017.

Jaffer IH, Reding MT, Key NS, Weitz JI. Hematologic Problems in the Surgical Patient: Bleeding and Thrombosis. In: Hoffman, Hematology: Basic Principles and Practices, 7th Edition, Part XIII, Chapter 159, pp. 2304-12, 2017.

Hogg K, Weitz JI. Blood, Coagulation and Anticoagulant, Fibrinolytic and Antiplatelet Drugs. In: Goodman & Gilman's The Pharmacological Basis of Therapeutics, 13th Edition. Section III, Chapter 32, pp. 585-605, 2017.

WERSTUCK, G.

Huang A, Young TL, Dang VT, Shi YY, McAlpine CS, Werstuck GH. 4-Phenylbutyrate and Valproate Treatment Attenuate the Progression of Atherosclerosis and Stabilize Existing Plaques. *Atherosclerosis.* 2017;266:103-12.

Beriault DR, Dang VT, Zhong LH, Petlura CI, McAlpine CS, Shi Y, Werstuck GH. Glucosamine induces ER stress by disrupting lipid-linked oligosaccharide biosynthesis and N-linked protein glycosylation. *Am J Physiol Endocrinol Metab.* 2017 Jan 1;312(1):E48-E57.

WOO, T.

Pritchard JM, Kennedy CC, Karampatos S, Ioannidis G, Misiaszek B, Marr S, Patterson C, Woo T, Papaioannou A. Measuring Frailty in Clinical Practice: a comparison of physical frailty assessment methods in a geriatric out-patient clinic. *BMC Geriatrics.* 2017;17:264.

Book Chapters

Hirsch C, Woo T. Geriatric Assessment. In: Textbook of Geriatric Psychiatry: A Case-based Approach (Hategan A, Bourgeois J, Hirsch C, Giroux C, Eds.). Springer Publications International, pp. 27-46, 2017.

Woo T, Baxter J. Community and Outpatient Settings. In: On-call Geriatric Psychiatry: Handbook of Principles and Practice (Hategan A, Hirsch C, Eds.). Springer Publications International, pp. 289-94, 2017.

Woo T, Hirsch C. Physical Examination. In: On-call Geriatric Psychiatry: Handbook of Principles and Practice (Hategan A, Hirsch C, Eds.). Springer Publications International, pp. 17-30, 2017.

Hirsch C, Woo T. Chief Physical Complaints. In: On-call Geriatric Psychiatry: Handbook of Principles and Practice (Hategan A, Hirsch C, Eds.). Springer Publications International, pp. 140-60, 2017.

WORSTER, A.

Chapman AR, Lee KK, McAllister DA, Cullen L, Greenslade JH, Parsonage W, Worster A, et al. Association of High-Sensitivity Cardiac Troponin I Concentration with Cardiac Outcomes in Patients with Suspected Acute Coronary Syndrome. *JAMA.* 2017 Nov 21;318(19):1913-24.

McLeod SL, Brignardello-Petersen R, Worster A, You J, Lansavichene A, Guyatt G, Cheskes S. Comparative effectiveness of antiarrhythmics for out-of-hospital cardiac arrest: A systematic review and network meta-analysis. *Resuscitation.* 2017 Dec;121:90-7.

Kavsak PA, Worster A, Hill SA, MacRae AR, Jaffe AS. Analytical comparison of three different versions of a high-sensitivity cardiac troponin I assay over 10 years. *Clin Chim Acta.* 2017 Dec;475:51-5.

Worster A, Kavsak P. 4 hs-cTnI algorithms had high sensitivity and low failure rates for ruling out acute MI in the ED. *Ann Intern Med.* 2017 Sep 19;167(6):JC35.

Worster A, Kavsak P. High-STEACS Algorithm missed fewer patients with acute MI than the ESC Pathway in the ED. *Ann Intern Med.* 2017 Sep 19;167(6):JC34.

Mouravská N, Zielinski L, Bhatt M, Sanger N, Bawor M, Dennis B, Banfield L, MacKillop J, Paul J, Worster A, Laplante P, Thabane L, Samaan Z. Adverse outcomes associated with opioid prescription for acute low back pain: a systematic review protocol. *Syst Rev.* 2017 Aug 14;6(1):163.

Kavsak PA, Worster A, Ma J, Shortt C, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ. High-Sensitivity Cardiac Troponin Risk Cutoffs for Acute Cardiac Outcomes at Emergency Department Presentation. *Can J Cardiol.* 2017 Jul;33(7):898-903.

Gallo L, Hua N, Mercuri M, Silveira A, Worster A; Best Evidence in Emergency Medicine (BEEM; beem.ca). Adherence to Standards for Reporting Diagnostic Accuracy in Emergency Medicine Research. *Acad Emerg Med.* 2017 Aug;24(8):914-9.

Germini F, Marcucci M, Fedele M, Galli MG, Mbuaqbaw L, Salvatori V, Veronese G, Worster A, Thabane L. Quality of reporting in abstracts of RCTs published in emergency medicine journals: a protocol for a systematic survey of the literature. *BMJ Open.* 2017 Apr 27;7(4):e014981.

PUBLICATIONS

Zielinski L, Bhatt M, Sanger N, Plater C, Worster A, Varenbut M, Daiter J, Pare G, Marsh DC, Desai D, MacKillip J, Steiner M, McDermid Vaz S, Thabane L, Samaan Z. Association between cannabis use and methadone maintenance treatment outcomes: an investigation into sex differences. *Biol Sex Differ.* 2017 Mar 30;8:8.

Naji L, Dennis BB, Bawor M, Varenbut M, Daiter J, Plater C, Pare G, Marsh DC, Worster A, Desai D, MacKillip J, Thabane L, Samaan Z. The association between age of onset of opioid use and comorbidity among opioid dependent patients receiving methadone maintenance therapy. *Addict Sci Clin Pract.* 2017 Mar 28;12(1):9.

Kavak PA, Shortt C, Ma J, Clayton N, Sherbino J, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A. A laboratory score at presentation to rule-out serious cardiac outcomes or death in patients presenting with symptoms suggestive of acute coronary syndrome. *Clin Chim Acta.* 2017 Jun;469:69-74.

Daoust R, Sirois MJ, Lee JS, Perry JJ, Griffith LE, Worster A, Lang E, Paquet J, Chauny JM, Émond M. Painful Memories: Reliability of Pain Intensity Recall at 3 Months in Senior Patients. *Pain Res Manag.* 2017;2017:5983721.

Shortt C, Ma J, Clayton N, Sherbino J, Whitlock R, Pare G, Hill SA, McQueen M, Mehta SR, Devereaux PJ, Worster A, Kavak PA. Rule-In and Rule-Out of Myocardial Infarction Using Cardiac Troponin and Glycemic Biomarkers in Patients with Symptoms Suggestive of Acute Coronary Syndrome. *Clin Chem.* 2017 Jan;63(1):403-14.

Lyon AW, Kavak PA, Lyon OA, Worster A, Lyon ME. Simulation Models of Misclassification Error for Single Thresholds of High-Sensitivity Cardiac Troponin I Due to Assay Bias and Imprecision. *Clin Chem.* 2017 Feb;63(2):585-92.

WRIGHT, D.

Ghandi S, Wright D, Salehian O. Getting over a Broken Heart: Intramyocardial Dissecting Hematoma as Late Presentation of Myocardial Infarction. *CASE (Phila).* 2017 Oct 19;1(6):245-9.

YUSUF, S.

Gupta R, Kaur M, Islam S, Mohan V, Mony P, Kumar R, Kutty VR, Iqbal R, Rahman O, Deepa M, Antony J, Vijaykumar K, Kazmi K, Yusuf R, Mohan I, Panwar RB, Rangarajan S, Yusuf S. Association of Household Wealth Index, educational status, and social capital with hypertension awareness, treatment, and control in South Asia. *Am J Hypertens.* Epub. 2017 Jan 17.

Duong M, Rangarajan S, Zhang X, Killian K, Mony P, Swaminathan S, Bharathi AV, Nair S, Vijaykumar K, Mohan I, Gupta R, Mohan D, Rani S, Mohan V, Iqbal R, Kazmi K, Rahman O, Yusuf R, Pinnaka LV, Kumar R, O'Byrne P, Yusuf S. Effects of bidi smoking on all-cause mortality and cardiorespiratory outcomes in men from south Asia: an observational community-based substudy of the Prospective Urban Rural Epidemiology Study (PURE). *Lancet Glob Health.* 2017;5(2):e168-e176.

Leong DP, McKee M, Yusuf S; PURE Investigators. Population muscle strength predicts Olympic medal tallies: evidence from 20 countries in the PURE Prospective Cohort Study. *PLoS One.* 2017;12(1):e0169821.

Laauw MN, Eikelboom JW, Coppens M, Wallentin L, Yusuf S, Ezekowitz M, Oldgren J, Nakanya J, Wang J, Connolly SJ. Effects of dabigatran according to age in atrial fibrillation. *Heart.* Epub 2017 Feb 17.

Morillo CA, Waskin H, Sosa-Estani S, Del Carmen Bangher M, Cuneo C, Milesi R, Mallagray M, Apt W, Beloscar J, Gascon J, Molina I, Echeverria LE, Colombo H, Perez-Molina JA, Wyss F, Meeks B, Bonilla LR, Gao P, Wei B, McCarthy M, Yusuf S; STOP-CHAGAS Investigators. Benznidazole and posaconazole in eliminating parasites in asymptomatic T. Cruzi carriers: the STOP-CHAGAS trial. *J Am Coll Cardiol.* 2017;69(8):939-47.

Khatib R, Giacaman R, Khammash U, Yusuf S. Challenges to conducting epidemiology research in chronic conflict areas: examples from PURE-Palestine. *Confl Health* 2016 Published online. 2017 Feb 22;10:33.

Chow CK, Corsi DJ, Gilmore AB, Kruger A, Igumbor E, Chifamba J, Yang W, Wei L, Iqbal R, Mony P, Gupta R, Vijayakumar K, Mohan V, Kumar R, Rahman O, Yusoff K, Ismail N, Zatonska K, Altuntas Y, Rosengren A, Bahonar A, Yusufali A, Dagenais G, Lear S, Diaz R, Avezum A, Lopez-Jaramillo P, Lanas F, Rangarajan S, Teo K, McKee M, Yusuf S. Tobacco control environment: cross-sectional survey of policy implementation, social unacceptability, knowledge of tobacco health harms and relationship to quit ratio in 17 low-income, middle-income and high-income countries. *BMJ Open.* 2017;7(3):e013817.

Böhm M, Schumacher H, Teo KK, Lonn EM, Mahfoud F, Mann JF, Mancia G, Redon J, Schmieder RE, Sliwa K, Weber MA, Williams B, Yusuf S. Achieved blood pressure and cardiovascular outcomes in high-risk patients: results from ONTARGET and TRANSCEND trials. *Lancet.* Epub 2017 Apr 5.

Abdul-Rahim AH, Perez AC, MacIsaac RL, Jhund PS, Claggett BL, Carson PE, Komajda M, McKelvie RS, Zile MR, Swedberg K, Yusuf S, Pfeffer MA, Solomon SD, Lip GH, Lees KR, McMurray JJV; Candesartan in Heart Failure Assessment of Reduction in Mortality and Morbidity-Preserved (CHARM-Preserved) and the Irbesartan in Heart Failure with Preserved Systolic Function (I-Preserve) Steering Committees. Risk of stroke in chronic heart failure patients with preserved ejection fraction, but without atrial fibrillation: analysis of the CHARM-Preserved and I-Preserve trials. *Eur Heart J.* 2017;38(10):742-50.

Dokainish H, Teo K, Zhu J, Roy A, AlHabib KF, ElSayed A, Palileo-Villaneuva L, Lopez-Jaramillo P, Karaye K, Yusoff K, Orlandini A, Sliwa K, Mondo C, Lanas F, Prabhakaran D, Badr A, Elmaghawry M, Damasceno A, Tibazarwa K, Belley-Cote E, Balasubramanian K, Islam S, Yacoub MH, Huffman MD, Harkness K, Grinvalds A, McKelvie R, Bangdiwala SI, Yusuf S; INTER-CHF Investigators. Global mortality variations in patients with heart failure: results from the International Congestive Heart Failure (INTER-CHF) prospective cohort study. *Lancet Glob Health.* Epub 2017 May 3.

Yusufali AM, Khatib R, Islam S, Alhabib KF, Bahonar A, Swidan HM, Khammash U, Alshamiri MQ, Rangarajan S, Yusuf S. Prevalence, awareness, treatment and control of hypertension in four Middle East countries. *J Hypertens.* Epub 2017 May 8.

Verdecchia P, Reboldi G, Angeli F, Mazzotta G, Lip GH, Brueckmann M, Kleine E, Wallentin L, Ezekowitz MD, Yusuf S, Connolly SJ, Di Pasquale G. Dabigatran vs. warfarin in relation to the presence of left ventricular hypertrophy in patients with atrial fibrillation- the Randomized Evaluation of Long-term anticoagulation therapY (RE-LY) study. *Europace.* Epub 2017 May 17.

Morales Salinas A, Coca A, Olsen MH, Sanchez RA, Sebba-Barroso WK, Kones R, Bertomeu-Martinez V, Sobrino J, Alcocer L, Pineiro DJ, Lanas F, Machado CA, Aguirre-Palacios F, Ortellado J, Perez G, Sabio R, Landrove O, Rodriguez-Leyva D, Duenas-Herrera A, Rodriguez Portelles A, Parra-Carrillo JZ, Piskorz DL, Bryce-Moncloa A, Waisman G, Yano Y, Ventura H, Orias M, Prabhakaran D, Sundström J, Wang J, Burrell LM, Schutte AE, Lopez-Jaramillo P, Barbosa E, Redon J, Weber MA, Lavie CJ, Ramirez A, Ordunez P, Yusuf S, Zanchetti A. Clinical perspective on antihypertensive drug treatment in adults with Grade 1 hypertension and low-to-moderate cardiovascular risk: an international expert consultation. *Curr Probl Cardiol.* 2017;42(7):198-225.

Alonso-Coello P, Cook D, Xu SC, Sigamani A, Berwanger O, Sivakumaran S, Yang H, Xavier D, Martinez LX, Ibarra P, Rao-Melacini P, Pogue J, Zarnke K, Paniagua P, Ostrander J, Yusuf S, Devereaux PJ; POISE Investigators. Predictors, prognosis, and management of new clinically important atrial fibrillation after non-cardiac surgery: a prospective cohort study. *Anesth Analg.* 2017;125(1):162-9.

Lamelas PM, Yusuf S, Schwalm JD. Effective approaches to address the global cardiovascular disease burden. *Curr Opin Cardiol.* Epub 2017 Jul 20.

Thériault S, Whitlock R, Raman K, Vincent J, Yusuf S, Paré G. Gene expression profiles for the identification of prevalent atrial fibrillation. *J Am Heart Assoc.* 2017 Jun 30;6(7).

- Dauriz M, Targher G, Temporelli PL, Lucci D, Gonzini L, Nicolosi GL, Marchiolli R, Tognoni G, Latini R, Cosmi F, Tavazzi L, Maggioni AP; GISSI-HF Investigators. Prognostic impact of diabetes and prediabetes on survival outcomes in patients with chronic heart failure: a post-hoc analysis of the GISSI-HF (Gruppo Italiano per lo Studio della Sopravvivenza nella Insufficienza Cardiaca-Heart Failure) trial. *J Am Heart Assoc.* 2017 Jul;5(7).
- Chong M, O'Donnell M, Thijs V, Dans A, López-Jaramillo P, Gómez-Arbeláez D, Mondo C, Czlonkowska A, Skowronksa M, Oveisgharan S, Yusuf S, Paré G. Mendelian genes and risk of intracerebral hemorrhage and small-vessel ischemic stroke in sporadic cases. *Stroke.* Epub 2017 Jul 5.
- Paparella D, Parolari A, Rotunno C, Vincent J, Myasoedova V, Guida P, De Palo M, Margari V, Devereaux PJ, Lamy A, Alamanni F, Yusuf S, Whitlock R. The effects of steroids on coagulation dysfunction induced by cardiopulmonary bypass: A Steroids In Cardiac Surgery (SIRS) trial substudy. *Semin Thorac Cardiovasc Surg.* 2017;29(1):35-44.
- Bosch J, Eikelboom JW, Connolly SJ, Bruns NC, Lanius V, Yuan F, Misselwitz F, Chen E, Diaz R, Alings M, Lonn EM, Widimsky P, Hori M, Avezum A, Piegas LS, Bhatt DL, Branch KRH, Probstfield JL, Liang Y, Liu L, Zhu J, Maggioni AP, Lopez-Jaramillo P, O'Donnell M, Fox KAA, Kakkar A, Parkhomenko AN, Ertl G, Störk S, Keltai K, Keltai M, Ryden L, Dagenais GR, Pogosova N, Dans AL, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Verhamme PB, Vinereanu D, Kim JH, Ha JW, Tonkin AM, Varigos JD, Lewis BS, Felix C, Yusoff K, Steg PG, Aboyans V, Metsarinne KP, Anand SS, Hart RG, Lamy A, Moayyedi P, Leong DP, Sharma M, Yusuf S. Rationale, design and baseline characteristics of participants in the cardiovascular outcomes for people using anticoagulation strategies (COMPASS) trial. *Can J Cardiol.* 2017;33(8):1027-35.
- Hijazi Z, Oldgren J, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Reilly PA, Yusuf S, Siegbahn A, Wallentin L. Growth-differentiation factor 15 and risk of major bleeding in atrial fibrillation: Insights from the Randomized Evaluation of Long-Term Anticoagulation Therapy (RE-LY) trial. *Am Heart J.* 2017;190:94-103.
- Murphy A, Faria-Neto JR, Al-Rasadi K, Blom D, Catapano A, Cuevas A, Lopez-Jimenez F, Perel P, Santos R, Sniderman A, Sy R, Watts GF, Zhao D, Yusuf S, Wood D. World Heart Federation Cholesterol Roadmap. *Glob Heart.* Epub 2017 Jul 29.
- Eikelboom JW, Connolly SJ, Bosch J, Dagenais GR, Hart RG, Shestakovska O, Diaz R, Alings N, Lonn EM, Anand SS, Widimsky P, Hori M, Avezum A, Piegas LS, Branch KRH, Probstfield J, Bhatt DL, Zhu J, Liang Y, Maggioni AP, Lopez-Jaramillo P, O'Donnell M, Kakkar A, Fox KAA, Parkhomenko AN, Ertl G, Störk S, Keltai M, Ryden L, Pogosova N, Dans AL, Lanas F, Commerford PJ, Torp-Pedersen C, Guzik TJ, Verhamme PB, Vinereanu D, Kim JH, Tonkin AM, Lewis BS, Felix C, Yusoff K, Steg PG, Metsarinne KP, Cook Bruns N, Misselwitz F, Chen E, Leong D, and Yusuf S, for the COMPASS Investigators. Rivaroxaban with or without aspirin in stable cardiovascular disease. *N Engl J Med.* Epub 2017 Aug 27.
- Joseph P, Leong D, McKee M, Anand SS, Schwalm JD, Teo K, Mente A, Yusuf S. Reducing the global burden of cardiovascular disease, Part 1: the Epidemiology and risk factors. *Cir Res.* 2017;121(6):677-94.
- Leong DP, Joseph PG, McKee M, Anand SS, Teo KK, Schwalm JD, Yusuf S. Reducing the global burden of cardiovascular disease, Part 2: prevention and treatment of cardiovascular disease. *Cir Res.* 2017;121(6):695-710.
- Mente A, Dehghan M, Rangarajan S, McQueen M, Dagenais G, Wielgosz A, Lear S, Li W, Chen H, Yi S, Wang Y, Diaz R, Avezum A, Lopez-Jaramillo P, Seron P, Kumar R, Gupta R, Mohan V, Swaminathan S, Kutty R, Zatonska K, Iqbal R, Yusuf R, Mohammadifard N, Khatib R, Nasir NM, Ismail N, Oguz A, Rosengren A, Yusufali A, Wentzel-Viljoen E, Puoane T, Chifamba J, Teo K, Anand SS, Yusuf S; Prospective Urban Rural Epidemiology (PURE) study investigators. Association of dietary nutrients with blood lipids and blood pressure in 18 countries: a cross-sectional analysis from the PURE study. *Lancet Diabetes Endocrinol.* 2017;5(10):774-87.
- Miller V, Mente A, Dehghan M, Rangarajan S, Zhang X, Swaminathan S, Dagenais G, Gupta R, Mohan V, Lear S, Bangdiwala SI, Schutte AE, Wentzel-Viljoen E, Avezum A, Altuntas Y, Yusoff K, Ismail N, Peer N, Chifamba J, Diaz R, Rahman O, Mohammadifard N, Lana F, Zatonska K, Wielgosz A, Yusufali A, Iqbal R, Lopez-Jaramillo P, Khatib R, Rosengren A, Kutty VR, Li W, Liu J, Liu X, Yin L, Teo K, Anand S, Yusuf S; Prospective Urban Rural Epidemiology (PURE) study investigators. Fruit, vegetable, and legume intake, and cardiovascular disease and deaths in 18 countries (PURE): a prospective cohort study. *Lancet.* Epub 2017 Aug 28.
- Dehghan M, Mente A, Zhang X, Swaminathan S, Li W, Mohan V, Iqbal R, Kumar R, Wentzel-Viljoen E, Rosengren A, Amma LI, Avezum A, Chifamba J, Diaz R, Khatib R, Lear S, Lopez-Jaramillo P, Liu X, Gupta R, Mohammadifard N, Gao N, Oguz A, Ramli AS, Seron P, Sun Y, Szuba A, Tsolekile L, Wielgosz A, Yusuf R, Hussein Yusufali A, Teo KK, Rangarajan S, Dagenais G, Bangdiwala SI, Islam S, Anand SS, Yusuf S; Prospective Urban Rural Epidemiology (PURE) study investigators. Associations of fats and carbohydrate intake with cardiovascular disease and mortality in 18 countries from five continents (PURE): a prospective cohort study. *Lancet.* Epub 2017 Aug 28.
- Platz E, Jhund PS, Claggett BL, Pfeffer MA, Swedberg K, Granger CB, Yusuf S, Solomon SD, McMurray JJ. Prevalence and prognostic importance of precipitating factors leading to heart failure hospitalization: recurrent hospitalizations and mortality. *Eur J Heart Fail.* Epub 2017 Sep 4.
- Gerstein HC, Ferrannini E, Riddle MC, Yusuf S; ORIGIN Trial Investigators. Insulin resistance and cardiovascular outcomes in the ORIGIN trial. *Diabetes Obes Metab.* Epub 2017 Sep 12.
- Lamelas P, Schwalm JD, Quazi I, Mehta S, Devereaux PJ, Jolly S, Yusuf S. Effect of Body Mass Index on clinical events after acute coronary syndromes. *Am J Cardiol.* 2017;120(9):1453-9.
- Lear SA, Hu W, Rangarajan S, Gasevic D, Leong D, Iqbal R, Casanova A, Swaminathan S, Anjana RM, Kumar R, Rosengren A, Wei L, Yang W, Chuangshi W, Huaxing L, Nair S, Diaz R, Swidow H, Gupta R, Mohammadifard N, Lopez-Jaramillo P, Oguz A, Zatonska K, Seron P, Avezum A, Poirier P, Teo K, Yusuf S. The effect of physical activity on mortality and cardiovascular disease in 130,000 people from 17 high-income, middle-income, and low-income countries: the PURE study. *Lancet.* Epub 2017 Sep 21.
- Kristensen SL, Jhund PS, Lee MM, Køber L, Solomon SD, Granger CB, Yusuf S, Pfeffer MA, Swedberg K, McMurray JJV; CHARM Investigators and Committees. Prevalence of prediabetes and undiagnosed diabetes in patients with HFpEF and HFrEF and associated clinical outcomes. *Cardiovasc Drugs Ther.* Epub 2017 Sep 25.
- Mancia G, Schumacher H, Böhm M, Redon J, Schmieder RE, Verdecchia P, Sleight P, Teo K, Yusuf S. Relative and combined prognostic importance of on-treatment mean and visit-to-visit blood pressure variability in ONTARGET and TRANSCEND patients. *Hypertension.* 2017;70(5):938-48.
- Huffman MD, Perel P, Eisele JL, Labarthe DR, Wood DA, Sliwa K, Yusuf S. WHF Emerging Leaders program. *Eur Heart J.* 2017;38(37):2800-3.
- Proietti M, Hijazi Z, Andersson U, Connolly SJ, Eikelboom JW, Ezekowitz MD, Lane DA, Oldgren J, Roldan V, Yusuf S, Wallentin L; RE-LY Investigators. Comparison of bleeding risk scores in patients with atrial fibrillation: insights from the RE-LY trial. *J Intern Med.* Epub 2017 Oct 16.
- Joseph P, Yusuf S, Lee SF, Ibrahim Q, Teo K, Rangarajan S, Gupta R, Rosengren A, Lear SA, Avezum A, Lopez-Jaramillo P, Gulec S, Yusufali A, Chifamba J, Lanas F, Kumar R, Mohammadifard N, Mohan V, Mony P, Kruger A, Liu X, Guo B, Zhao W, Yang Y, Pillai R, Diaz R, Krishnapillai A, Iqbal R, Yusuf R, Szuba A, Anand SS; PURE INVESTIGATORS. Prognostic validation of a non-laboratory and a laboratory based cardiovascular disease risk score in multiple regions of the world. *Heart.* Epub 2017 Oct 24.

PUBLICATIONS

Hijazi Z, Oldgren J, Lindbäck J, Alexander JH, Connolly SJ, Eikelboom JW, Ezekowitz MD, Held C, Hylek EM, Lopes RD, Yusuf S, Granger CB, Siegbahn A, Wallentin L. A biomarker-based risk score to predict death in patients with atrial fibrillation: the ABC (age, biomarkers, clinical history) death risk score. *Eur Heart J.* Epub 2017 Oct 21.

Bossard M, Granger CB, Tanguay JF, Montalescot G, Faxon DP, Jolly SS, Widimsky P, Niemela K, Steg PG, Natarajan MK, Gao P, Fox KAA, Yusuf S, Mehta SR. Double-dose versus standard-dose clopidogrel according to smoking status among patients with acute coronary syndromes undergoing percutaneous coronary intervention. *J Am Heart Assoc.* 2017;6(11).

Graham MM, Sessler DI, Parlow JL, Biccard 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, Landini G, Fleischmann E, Lamy A, Whitlock R, Le Manach Y, Aphang-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.* Epub 2017 Nov 14.

Connolly SJ, Eikelboom JW, Bosch J, Dagenais G, Dyal L, Lanas F, Metsarinne 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, Yusoff 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.* Epub 2017 Nov 10.

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.* Epub 2017 Nov 10.

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.* Epub 2017 Nov 23.

Wolsk E, Claggett B, Køber L, Pocock S, Yusuf S, Swedberg K, McMurray JJV, Granger CB, Pfeffer MA, Solomon SD. Contribution of cardiac and non-cardiac disease burden to risk of cardiovascular outcomes varies by ejection fraction in heart failure. *Eur J Heart Failure.* Epub 2017 Nov 30.

Abadi A, Alyass A, Robiou du Pont S, Bolker B, Singh P, Mohan V, Diaz R, Engert JC, Yusuf S, Gerstein HC, Anand SS, Meyre D. Penetrance of polygenic obesity susceptibility loci across Body Mass Index distribution. *Am J Hum Genet.* 2017;101(6):925-38.

Attaei MW, Khatib R, McKee M, Lear S, Dagenais G, Igumbor EU, AlHabib KF, Kaur M, Kruger L, Teo K, Lanas F, Yusoff K, Oguz A, Gupta R, Yusufali AM, Bahonar A, Kutty R, Rosengren A, Mohan V, Avezum A, Yusuf R, Szuba A, Rangarajan S, Chow C, Yusuf S; PURE study investigators. Availability and affordability of blood pressure-lowering medicines and the effect on blood pressure control in high-income, middle-income, and low-income countries: an analysis of the PURE study data. *Lancet Public Health.* 2017;2(9):e411-e419.

Palafox B, Goryakin Y, Stuckler D, Suhrcke M, Balabanova D, Alhabib KF, Avezum A, Bahonar A, Bai X, Chifamba J, Dans AL, Diaz R, Gupta R, Iqbal R, Ismail N, Kaur M, Keskinler MV, Khatib R, Kruger A, Kruger IM, Lanas F, Lear SA, Li W, Liu J, Lopez-Jaramillo P, Peer N, Poirier P, Rahman O, Pillai RK, Rangarajan S, Rosengren A, Swaminathan S, Szuba A, Teo K, Wang Y, Wielgosz A, Yeates KE, Yusufali A, Yusuf S,

McKee M. Does greater individual social capital improve the management of hypertension? Cross-national analysis of 61,299 individuals in 21 countries. *BMJ Glob Health.* 2017;2(4):e000443.

ZELLER, M.

Zeller MP, Barty R, Aandahl A, Apelseth TO, Callum J, Dunbar NM, Elahie A, Garritsen H, Hancock H, Manukian B, Mizuta S, Okuda M, Pagano MB, Poglód R, Rushford K, Selleng K, Sørensen CH, Sprogøe U, Staves J, Weiland T, Wendel S, Wood EM, van de Watering L, van Wordragen-Vlaswinkel M, Ziman A, Jan Zwaginga J, Murphy MF, Heddle NM, Yazer MH; Biomedical Excellence for Safer Transfusion (BEST) Collaborative. An international investigation into O red blood cell unit administration in hospitals: The GROup O Utilization Patterns (GROUP) study. *Transfusion.* 2017 Oct;57(10):2329-37.

Barty RL, Pai M, Liu Y, Arnold DM, Cook RJ, Zeller MP, Heddle NM. Group O Red Blood Cells: where is universal donor blood being used. *Vox Sang.* 2017 May;112(4):336-42.

Rochwerg B, Millen T, Austin P, Zeller M, D'Aragon F, Jaeschke R, Masse MH, Mehta S, Lamontagne F, Meade M, Guyatt G, Cook DJ; Canadian Critical Care Trials Group. Fluids in Sepsis and Septic Shock (FISSH): protocol for a pilot randomised controlled trial. *BMJ Open.* 2017 Jul 20;7(7):e017602.

Shapiro RM, Zeller MP and Warkentin TE. Sepsis and persisting neutropenia in a drug addict. *Am J Hematol.* 2017 Mar;92(3):312-6.

Zeller MP and Verhovsek M. Treating iron deficiency. *CMAJ.* 2017 Mar 13;189(10).

Zeller MP, Arnold DM, Al Habsi K, Cserti-Gazdewich C, Delage G, Lebrun A and Heddle NM. Paroxysmal Cold Hemoglobinuria: A Difficult Diagnosis in Adult Patients. *Transfusion.* 2017 Jan;57(1):137-43.