

Update of Members' Publications May 2016

[Blood Pressure Measurement in the Post-SPRINT Era: A Canadian Perspective.](#)

Myers MG, Cloutier L, Gelfer M, Padwal RS, Kaczorowski J.

Hypertension. 2016 May 16. pii: HYPERTENSIONAHA.116.07598. [Epub ahead of print] No abstract available.

PMID: 27185747

[Recommendations for Intensive Blood Pressure Lowering in High-Risk Patients, the Canadian Viewpoint.](#)

Padwal R, Rabi DM, Schiffrin EL.

Hypertension. 2016 May 9. pii: HYPERTENSIONAHA.116.07573. [Epub ahead of print] No abstract available.

PMID: 27160203

[Heart Disease in Women: Unappreciated Challenges, GPER as a New Target.](#)

Feldman RD.

Int J Mol Sci. 2016 May 18;17(5). pii: E760. doi: 10.3390/ijms17050760. Review.

PMID: 27213340

[Severe Obesity Is Associated With Increased Risk of Early Complications and Extended Length of Stay Following Coronary Artery Bypass Grafting Surgery.](#)

Terada T, Johnson JA, Norris C, Padwal R, Qiu W, Sharma AM, Janzen W, Forhan M.

J Am Heart Assoc. 2016 Jun 1;5(6). pii: e003282. doi: 10.1161/JAHA.116.003282.

PMID: 27250114

[Comparative effectiveness and safety of gastric bypass, sleeve gastrectomy and adjustable gastric banding in a population-based bariatric program: prospective cohort study.](#)

Gill RS, Majumdar SR, Rueda-Clausen CF, Apte S, Birch DW, Karmali S, Sharma AM, Klarenbach S, Padwal RS.

Can J Surg. 2016 Jun 1;59(4):13315. doi: 10.1503/cjs.013315.

PMID: 27240132

[Comparing three different measures of frailty in medical inpatients: Multicenter prospective cohort study examining 30-day risk of readmission or death.](#)

Belga S, Majumdar SR, Kahlon S, Pederson J, Lau D, Padwal RS, Forhan M, Bakal JA, McAlister FA.

J Hosp Med. 2016 May 17. doi: 10.1002/jhm.2607.

PMID: 27187268

[Is Obesity Associated with Altered Energy Expenditure?](#)

Carneiro IP, Elliott SA, Siervo M, Padwal R, Bertoli S, Battezzati A, Prado CM.

Adv Nutr. 2016 May 16;7(3):476-87. doi: 10.3945/an.115.008755. Print 2016 May. Review.

PMID: 27184275

[Serum Folate Shows an Inverse Association with Blood Pressure in a Cohort of Chinese Women of Childbearing Age: A Cross-Sectional Study.](#)

Shen M, Tan H, Zhou S, Retnakaran R, Smith GN, Davidge ST, Trasler J, Walker MC, Wen SW.
PLoS One. 2016 May 16;11(5):e0155801. doi: 10.1371/journal.pone.0155801. eCollection 2016.

[Methodology and technology for peripheral and central blood pressure and blood pressure variability measurement: current status and future directions - Position statement of the European Society of Hypertension Working Group on blood pressure monitoring and cardiovascular variability.](#)

Stergiou GS, Parati G, Vlachopoulos C, Achimastos A, Andreadis E, Asmar R, Avolio A, Benetos A, Bilo G, Boubouchairopoulou N, Boutouyrie P, Castiglioni P, de la Sierra A, Dolan E, Head G, Imai Y, Kario K, Kollias A, Kotsis V, Manios E, McManus R, Mengden T, Mihailidou A, Myers M, Niiranen T, Ochoa JE, Ohkubo T, Omboni S, Padfield P, Palatini P, Papaioannou TG, Protogerou A, Redon J, Verdecchia P, Wang J, Zanchetti A, Mancia G, O'Brien E.

J Hypertens. 2016 May 20
PMID: 27214089

[How can Adherence to Asthma Medication be Enhanced? Triangulation of Key Asthma Stakeholders' Perspectives.](#)

Peláez S, Bacon SL, Lacoste G, Lavoie KL.
J Asthma. 2016 May 11:0.
PMID: 27167629

[Optimizing screening for depression among adults with asthma.](#)

Plourde A, Moullec G, Bacon SL, Suarathana E, Lavoie KL.
J Asthma. 2016 May 9:1-8.
PMID: 27159640

[Clinical safety and performance of VIVIA: a novel home hemodialysis system.](#)

Bernardo AA, Marbury TC, McFarlane PA, Pauly RP, Amdahl M, Demers J, Hutchcraft AM, Leyboldt JK, Minkus M, Muller M, Stallard R, Culleton BF.
Nephrol Dial Transplant. 2016 Apr 6. pii: gfw044.
PMID: 27190336

[Introducing a new era of ischemic stroke care.](#)

Mitha AP, Wong JH, Hill MD, Goyal M.
J Neurosurg. 2016 May 20:1-4. [Epub ahead of print] No abstract available.
PMID: 27203148

[Use and Utility of Administrative Health Data for Stroke Research and Surveillance.](#)

Yu AY, Holodinsky JK, Zerna C, Svenson LW, Jetté N, Quan H, Hill MD.
Stroke. 2016 May 12. pii: STROKEAHA.116.012390. [Epub ahead of print] No abstract available.
PMID: 27174527

[Health and social predictors of applications to public housing: a population-based analysis.](#)

Hinds AM, Bechtel B, Distasio J, Roos LL, Lix LM.

J Epidemiol Community Health. 2016 May 25. pii: jech-2015-206845. doi: 10.1136/jech-2015-206845.

PMID: 27225679

[Comparing three different measures of frailty in medical inpatients: Multicenter prospective cohort study examining 30-day risk of readmission or death.](#)

Belga S, Majumdar SR, Kahlon S, Pederson J, Lau D, Padwal RS, Forhan M, Bakal JA, McAlister FA.

J Hosp Med. 2016 May 17. doi: 10.1002/jhm.2607.

PMID: 27187268

[Do stable non-ST-segment elevation acute coronary syndromes require admission to coronary care units?](#)

van Diepen S, Lin M, Bakal JA, McAlister FA, Kaul P, Katz JN, Fordyce CB, Southern DA, Graham MM, Wilton SB, Newby LK, Granger CB, Ezekowitz JA.

Am Heart J. 2016 May;175:184-92. doi: 10.1016/j.ahj.2015.11.020. Epub 2016 Jan 23.

PMID: 27179739

[Plaque echodensity and textural features are associated with histologic carotid plaque instability.](#)

Doonan RJ, Gorgui J, Veinot JP, Lai C, Kyriacou E, Corriveau MM, Steinmetz OK, Daskalopoulou SS.

J Vasc Surg. 2016 May 27. pii: S0741-5214(16)30005-2. doi: 10.1016/j.jvs.2016.03.423.

PMID: 27237406

[Feasibility of a clinical trial to assess the effect of dietary calcium v. supplemental calcium on vascular and bone markers in healthy postmenopausal women.](#)

Ong AM, Weiler HA, Wall M, Haddad R, Gorgui J, Daskalopoulou SS, Goltzman D, Morin SN.

Br J Nutr. 2016 Jul;116(1):104-14. doi: 10.1017/S0007114516001677

PMID: 27181505

[Utility of Screening for Obstructive Sleep Apnea in Cardiac Rehabilitation.](#)

Marzolini S, Sarin M, Reitav J, Mendelson M, Oh P.

J Cardiopulm Rehabil Prev. 2016 May 13

PMID: 27182760

[Cardiac rehabilitation delivery model for low-resource settings.](#)

Grace SL, Turk-Adawi KI, Contractor A, Atrey A, Campbell N, Derman W, Melo Ghisi GL, Oldridge N, Sarkar BK, Yeo TJ, Lopez-Jimenez F, Mendis S, Oh P, Hu D, Sarrafzadegan N

Heart. 2016 May 15. pii: heartjnl-2015-309209. doi: 10.1136/heartjnl-2015-309209.

PMID: 27181874

[How Accurate Are Home Blood Pressure Devices in Use? A Cross-Sectional Study.](#)

Ruzicka M, Akbari A, Bruketa E, Kayibanda JF, Baril C, Hiremath S.
PLoS One. 2016 Jun 1;11(6):e0155677. doi: 10.1371/journal.pone.0155677. eCollection 2016.
PMID: 27249056

[A scoping review of adult chronic kidney disease clinical pathways for primary care.](#)

Elliott MJ, Gil S, Hemmelgarn BR, Manns BJ, Tonelli M, Jun M, Donald M.
Nephrol Dial Transplant. 2016 Jun 2. pii: gfw208.
PMID: 27257274

[Strategies for BP Control in Developing Countries and Effects on Kidney Function.](#)

Jun M, Hemmelgarn BR.
Clin J Am Soc Nephrol. 2016 May 19. pii: CJN.03690316. [Epub ahead of print] No abstract available.
PMID: 27197909

[The See Kidney Disease Targeted Screening Program for CKD.](#)

Galbraith LE, Ronksley PE, Barnieh LJ, Kappel J, Manns BJ, Samuel SM, Jun M, Weaver R, Valk N, Hemmelgarn BR
Clin J Am Soc Nephrol. 2016 May 19. pii: CJN.11961115.
PMID: 27197905

[Defining severe familial hypercholesterolaemia and the implications for clinical management: a consensus statement from the International Atherosclerosis Society Severe Familial Hypercholesterolemia Panel.](#)

Santos RD, Gidding SS, Hegele RA, Cuchel MA, Barter PJ, Watts GF, Baum SJ, Catapano AL, Chapman MJ, Defesche JC, Folco E, Freiburger T, Genest J, Hovingh GK, Harada-Shiba M, Humphries SE, Jackson AS, Mata P, Moriarty PM, Raal FJ, Al-Rasadi K, Ray KK, Reiner Z, Sijbrands EJ, Yamashita S; International Atherosclerosis Society Severe Familial Hypercholesterolemia Panel.
Lancet Diabetes Endocrinol. 2016 May 27. pii: S2213-8587(16)30041-9. doi: 10.1016/S2213-8587(16)30041-9
PMID: 27246162 Appl Physiol Nutr Metab. 2014 May;39(5):566-71. doi: 10.1139/apnm-2013-0449. Epub 2013 Nov 28.

[Exercise training improves aerobic capacity, muscle strength, and quality of life in renal transplant recipients.](#)

Riess KJ, Haykowsky M, Lawrance R, Tomczak CR, Welsh R, Lewanczuk R, Tymchak W, Haennel RG, Gourishankar S
PMID: 24766239

[Prediction of small for gestational age neonates by third trimester fetal biometry and impact of ultrasound-delivery interval.](#)

Quentin R, Amélie D, Luo ZC, Nuyt AM, Wu Y, Céline C, William F, Francois A.
Ultrasound Obstet Gynecol. 2016 May 6. doi: 10.1002/uog.15959.
PMID: 27153518

[Safety and feasibility of red cell exchange for sickle cell disease across Canada.](#)

Ward R, Barth D, Couban S, Naessens V, Ritchie B, Yenson P, Kuo K.
Transfus Apher Sci. 2016 May 6. pii: S1473-0502(16)30023-4. doi: 10.1016/j.transci.2016.05.004.
PMID: 27179925

[How can Adherence to Asthma Medication be Enhanced? Triangulation of Key Asthma Stakeholders' Perspectives.](#)

Peláez S, Bacon SL, Lacoste G, Lavoie KL.
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Plourde A, Moullec G, Bacon SL, Suarathana E, Lavoie KL.
J Asthma. 2016 May 9:1-8.
PMID: 27159640

[Integrating a Smartphone-Based Self-Management System into Usual Care of Advanced CKD.](#)

Ong SW, Jassal SV, Miller JA, Porter EC, Cafazzo JA, Seto E, Thorpe KE, Logan AG.
Clin J Am Soc Nephrol. 2016 May 12. pii: CJN.10681015.
PMID: 27173169

[A validated case definition for chronic rhinosinusitis in administrative data: a Canadian perspective.](#)

Rudmik L, Xu Y, Kukec E, Liu M, Dean S, Quan H.
Int Forum Allergy Rhinol. 2016 May 26. doi: 10.1002/alr.21801.
PMID: 27228224

[Factors Associated With 7-Day Rehospitalization After Heart Failure Admission.](#)

Eastwood CA, Quan H, Howlett JG, King-Shier KM.
J. Cardiovasc Nurs. 2016 May 19.
PMID: 27203273

[Use and Utility of Administrative Health Data for Stroke Research and Surveillance.](#)

Yu AY, Holodinsky JK, Zerna C, Svenson LW, Jetté N, Quan H, Hill MD
Stroke. 2016 May 12. pii: STROKEAHA.116.012390. [Epub ahead of print] No abstract available.
MID: 27174527

[Under-coding of secondary conditions in coded hospital health data: Impact of co-existing conditions, death status and number of codes in a record.](#)

Peng M, Southern DA, Williamson T, Quan H.
Health Informatics J. 2016 May 8. pii: 1460458216647089
PMID: 27161140

[Risk of Hospital-Acquired Complications in Patients with Chronic Kidney Disease.](#)

Bohlouli B, Tonelli M, Jackson T, Hemmelgam B, Klarenbach S.
Clin J Am Soc Nephrol. 2016 May 12. pii: CJN.09450915.
ID: 27173168

[How Accurate Are Home Blood Pressure Devices in Use? A Cross-Sectional Study.](#)

Ruzicka M, Akbari A, Bruketa E, Kayibanda JF, Baril C, Hiremath S.
PLoS One. 2016 Jun 1;11(6):e0155677. doi: 10.1371/journal.pone.0155677. eCollection 2016.
PMID: 27249056

[Heart rate dependent and independent effects of beta-blockers on central hemodynamic parameters: a propensity score analysis.](#)

Goupil R, Dupuis D, Troyanov S, Madore F, Agharazii M.
J Hypertens. 2016 May 23
PMID: 27219487

[Efficacy and safety of regenerative cell therapy for pulmonary arterial hypertension in animal models: a preclinical systematic review protocol.](#)

Suen CM, Zhai A, Lalu MM, Welsh C, Levac BM, Fergusson D, McIntyre L, Stewart DJ.
Syst Rev. 2016 May 25;5(1):89. doi: 10.1186/s13643-016-0265-x.
PMID: 27225668

[The impact of patient co-morbidities on the regenerative capacity of cardiac explant-derived stem cells.](#)

Mayfield AE, Fitzpatrick ME, Latham N, Tilokee EL, Villanueva M, Mount S, Lam BK, Ruel M, Stewart DJ, Davis DR.
Stem Cell Res Ther. 2016 May 26;7(1):60. doi: 10.1186/s13287-016-0321-4.
PMID: 27225482

[c-Myb Regulates Proliferation and Differentiation of Adventitial Sca1+ Vascular Smooth Muscle Cell Progenitors by Transactivation of Myocardin.](#)

Shikatani EA, Chandy M, Besla R, Li CC, Momen A, El-Mounayri O, Robbins CS, Husain M.
Arterioscler Thromb Vasc Biol. 2016 May 12. pii: ATVBAHA.115.307116
PMID: 27174098

[Plaque echodensity and textural features are associated with histologic carotid plaque instability.](#)

Doonan RJ, Gorgui J, Veinot JP, Lai C, Kyriacou E, Corriveau MM, Steinmetz OK, Daskalopoulou SS.
J Vasc Surg. 2016 May 27. pii: S0741-5214(16)30005-2. doi: 10.1016/j.jvs.2016.03.423.
PMID: 27237406

[Ablation of Potassium-Chloride Cotransporter Type 3 \(Kcc3\) in Mouse Causes Multiple Cardiovascular Defects and Isosmotic Polyuria.](#)

Garneau AP, Marcoux AA, Noël M, Frenette-Cotton R, Drolet MC, Couet J, Larivière R, Isenring P.
PLoS One. 2016 May 11;11(5):e0154398. doi: 10.1371/journal.pone.0154398. eCollection 2016.
PMID: 27166674

[Histone H3K36 mutations promote sarcomagenesis through altered histone methylation landscape.](#)

Lu C, Jain SU, Hoelper D, Bechet D, Molden RC, Ran L, Murphy D, Venneti S, Hameed M, Pawel BR, Wunder JS, Dickson BC, Lundgren SM, Jani KS, De Jay N, Papillon-Cavanagh S, Andrulis IL, Sawyer SL, Gynspan D, Turcotte RE, Nadaf J, Fahiminyah S, Muir TW, Majewski J, Thompson CB, Chi P, Garcia BA, Allis CD, Jabado N, Lewis PW.

Science. 2016 May 13;352(6287):844-9. doi: 10.1126/science.aac7272.

PMID: 27174990

[Does cessation of community water fluoridation lead to an increase in tooth decay? A systematic review of published studies.](#)

McLaren L, Singhal S.

J Epidemiol Community Health. 2016 May 13. pii: jech-2015-206502. doi: 10.1136/jech-2015-206502

PMID: 27177581

[Atypical antipsychotics and effects on feeding: from mice to men.](#)

Benarroch L, Kowalchuk C, Wilson V, Teo C, Guenette M, Chintoh A, Nesarajah Y, Taylor V, Selby P, Fletcher P, Remington GJ, Hahn MK.

Psychopharmacology (Berl). 2016 Jun 1.

PMID: 27251130

[Association between adherence to free nicotine replacement therapy and successful quitting.](#)

Voci SC, Zawertailo LA, Hussain S, Selby PL.

Addict Behav. 2016 May 13;61:25-31. doi: 10.1016/j.addbeh.2016.05.012.

PMID: 27235989

[Blogging to Quit Smoking: Sharing Stories from Women of Childbearing Years in Ontario.](#)

Minian N, Noormohamed A, Dragonetti R, Maher J, Lessels C, Selby P.

Subst Abuse. 2016 May 11;10(Suppl 1):21-6. doi: 10.4137/SART.S34551. eCollection 2016.

PMID: 27199562

[Mineralocorticoid and angiotensin II type 1 receptors in the subfornical organ mediate angiotensin II - induced hypothalamic reactive oxygen species and hypertension.](#)

Wang HW, Huang BS, White RA, Chen A, Ahmad M, Leenen FH.

Neuroscience. 2016 May 6;329:112-121. doi: 10.1016/j.neuroscience.2016.04.050.

PMID: 27163380

[Detecting Interactions between the Renal Autoregulation Mechanisms in Time and Space.](#)

Scully C, Mitrou N, Braam B, Cupples W, Chon K.

IEEE Trans Biomed Eng. 2016 May 25

PMID: 27244712

[Economic analysis of insulin initiation by pharmacists in a Canadian setting: The RxING study.](#)

Brown S, Al Hamarneh YN, Tsuyuki RT, Nehme K, Sauriol L

Can Pharm J (Ott). 2016 May;149(3):130-7. doi: 10.1177/1715163516640813. Epub 2016 Apr 5.

PMID: 27212963

[Quantitative evidence for the effects of multiple drivers on continental-scale amphibian declines.](#)

Grant EH, Miller DA, Schmidt BR, Adams MJ, Amburgey SM, Chambert T, Cruickshank SS, Fisher RN, Green DM, Hossack BR, Johnson PT, Joseph MB, Rittenhouse TA, Ryan ME, Waddle JH, Walls SC, Bailey LL, Fellers GM, Gorman TA, Ray AM, Pilliod DS, Price SJ, Saenz D, Sadinski W, Muths E.
Sci Rep. 2016 May 23;6:25625. doi: 10.1038/srep25625.
PMID: 27212145

[Pharmacy practice publications with impact.](#)

Tsuyuki RT, Chatterley P.
Can Pharm J (Ott). 2016 May;149(3):113-5. doi: 10.1177/1715163516642216. Epub 2016 Apr 26. No abstract available.
PMID: 27212957

[Flexible, dual-form nicotine replacement therapy or varenicline in comparison with nicotine patch for smoking cessation: a randomized controlled trial.](#)

Tulloch HE, Pipe AL, Els C, Clyde MJ, Reid RD.
BMC Med. 2016 Jun 7;14(1):80. doi: 10.1186/s12916-016-0626-2.
PMID: 27233840

[Effectiveness of a hospital-initiated smoking cessation programme: 2-year health and healthcare outcomes.](#)

Mullen KA, Manuel DG, Hawken SJ, Pipe AL, Coyle D, Hobler LA, Younger J, Wells GA, Reid RD.
Tob Control. 2016 May 25. pii: tobaccocontrol-2015-052728. doi: 10.1136/tobaccocontrol-2015-052728.
PMID: 27225016

[Increasing Rates of Tobacco Treatment Delivery in Primary Care Practice: Evaluation of the Ottawa Model for Smoking Cessation.](#)

Papadakis S, Cole AG, Reid RD, Coja M, Aitken D, Mullen KA, Gharib M, Pipe AL
Ann Fam Med. 2016 May;14(3):235-43. doi: 10.1370/afm.1909.
PMID: 27184994