

Update of Members' Publications **April 2016**

[Hypertension Canada's 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, Assessment of Risk, Prevention, and Treatment of Hypertension.](#)

Leung AA, Nerenberg K, Daskalopoulou SS, McBrien K, Zarnke KB, Dasgupta K, Cloutier L, Gelfer M, Lamarre-Cliche M, Milot A, Bolli P, Tremblay G, McLean D, Tobe SW, Ruzicka M, Burns KD, Vallée M, Prasad GV, Lebel M, Feldman RD, Selby P, Pipe A, Schiffrin EL, McFarlane PA, Oh P, Hegele RA, Khara M, Wilson TW, Penner SB, Burgess E, Herman RJ, Bacon SL, Rabkin SW, Gilbert RE, Campbell TS, Grover S, Honos G, Lindsay P, Hill MD, Coutts SB, Gubitz G, Campbell NR, Moe GW, Howlett JG, Boulanger JM, Prebtani A, Laroche P, Leiter LA, Jones C, Ogilvie RI, Woo V, Kaczorowski J, Trudeau L, Petrella RJ, Hiremath S, Drouin D, Lavoie KL, Hamet P, Fodor G, Grégoire JC, Lewanczuk R, Dresser GK, Sharma M, Reid D, Lear SA, Moullec G, Gupta M, Magee LA, Logan AG, Harris KC, Dionne J, Fournier A, Benoit G, Feber J, Poirier L, Padwal RS, Rabi DM; CHEP Guidelines Task Force.
Can J Cardiol. 2016 May;32(5):569-88. doi: 10.1016/j.cjca.2016.02.066. Epub 2016 Mar 10.
PMID: 27118291

[Hypertension Canada's 2016 Canadian Hypertension Education Program Guidelines for Blood Pressure Measurement, Diagnosis, and Assessment of Risk of Pediatric Hypertension.](#)

Harris KC, Benoit G, **Dionne J, Feber J, Cloutier L, Zarnke KB, Padwal RS, Rabi DM**, Fournier A; CHEP Guidelines Task Force.
Can J Cardiol. 2016 May;32(5):589-97. doi: 10.1016/j.cjca.2016.02.075. Epub 2016 Mar 4.
PMID: 27118292

[Response.](#)

Gelfer M, Dawes M, Kaczorowski J, Padwal R, Cloutier L.
Can Fam Physician. 2016 Apr;62(4):306. No abstract available.
PMID: 27076538

[Applying Atherosclerotic Risk Prevention Guidelines to Elderly Patients: A Bridge Too Far?](#)

Feldman RD, Harris SB, **Hegele RA, Pickering JG**, Rockwood K.
Can J Cardiol. 2016 May;32(5):598-602. doi: 10.1016/j.cjca.2016.02.002. Epub 2016 Feb 8.
PMID: 27040095

[Administrative data are not sensitive for the detection of peripheral artery disease in the community.](#)

Hong Y, Sebastiani M, **Makowsky M, Tsuyuki R**, McMurtry MS.
Vasc Med. 2016 Apr 25. pii: 1358863X16631041
PMID: 27114456

[Effect of Cuff Design on Auscultatory and Oscillometric Blood Pressure Measurements.](#)

Ringrose JS, **McLean D**, Ao P, Yousefi F, Sankaralingam S, Millay J, **Padwal R.**
Am J Hypertens. 2016 Apr 20. pii: hpw034
PMID: 27099256

[Renal denervation for human hypertension: is there a future?](#)

Izzo JL Jr, **Tobe SW.**
J Am Soc Hypertens. 2016 Mar 8. pii: S1933-1711(16)30002-X. doi: 10.1016/j.jash.2016.02.016.
PMID: 27049792

[Examination of food industry progress in reducing the sodium content of packaged foods in Canada: 2010 to 2013.](#)

Arcand J, Jefferson K, Schermel A, Shah F, Trang S, Kutlesa D, Lou W, L'Abbe MR.
Appl Physiol Nutr Metab. 2016 Apr 26:1-7.
PMID: 27113326

[White Coat Phenomenon: Removing the Stigma of Hypertension.](#)

Myers MG, Stergiou GS.
Hypertension. 2016 Apr 25. pii: HYPERTENSIONAHA.116.07322. [Epub ahead of print] No abstract available.
PMID: 27113049

[A Short History of Automated Office Blood Pressure - 15 Years to SPRINT.](#)

Myers MG.
J Clin Hypertens (Greenwich). 2016 Apr 1. doi: 10.1111/jch.12820. [Epub ahead of print] No abstract available.
PMID: 27038200

[Reproducibility of carotid-femoral pulse wave velocity in end-stage renal disease patients: methodological considerations.](#)

Rodriguez RA, Cronin V, Ramsay T, Zimmerman D, **Ruzicka M, Burns KD**.
Can J Kidney Health Dis. 2016 Apr 1;3:20. doi: 10.1186/s40697-016-0109-6. eCollection 2016.
PMID: 27042326

[A randomized trial of a depression self-care toolkit with or without lay telephone coaching for primary care patients with chronic physical conditions.](#)

McCusker J, Cole MG, Yaffe M, Strumpf E, Sewitch M, Sussman T, Ciampi A, **Lavoie K**, Platt RW, Belzile E.
Gen Hosp Psychiatry. 2016 May-Jun;40:75-83. doi: 10.1016/j.genhosppsych.2016.02.004. Epub 2016 Apr 8.
PMID: 27067224

[Behaviour-change intervention in a multicentre, randomised, placebo-controlled COPD study: methodological considerations and implementation.](#)

Bourbeau J, **Lavoie KL**, Seden M, De Sousa D, Erzen D, Hamilton A, Maltais F, Troosters T, Leidy N.
BMJ Open. 2016 Apr 4;6(4):e010109. doi: 10.1136/bmjopen-2015-010109.
PMID: 27044576

[Evolving Treatments for Acute Ischemic Stroke.](#)

Zerna C, Hegedus J, **Hill MD**.
Circ Res. 2016 Apr 29;118(9):1425-42. doi: 10.1161/CIRCRESAHA.116.307005.
PMID: 27126651

[Analysis of Workflow and Time to Treatment on Thrombectomy Outcome in the ESCAPE Randomized Controlled Trial.](#)

Menon BK, Sajobi TT, Zhang Y, Rempel JL, Shuaib A, Thornton J, Williams D, Roy D, Poppe AY, Jovin TG, Sapkota B, Baxter BW, Krings T, Silver FL, Frei DF, Fanale C, Tampieri D, Teitelbaum J, Lum C, Dowlatshahi D, Eesa M, Lowerison MW, Kamal NR, Demchuk AM, **Hill MD**, Goyal M.

Circulation. 2016 Apr 13. pii: CIRCULATIONAHA.115.019983.
PMID: 27076599

[Future research in weight bias: What next?](#)

Alberga AS, Russell-Mayhew S, von Ranson KM, **McLaren L**, Ramos Salas X, Sharma AM.
Obesity (Silver Spring). 2016 Apr 30. doi: 10.1002/oby.21480.
PMID: 27129601

[Advanced chronic kidney disease populations have elevated trimethylamine N-oxide levels associated with increased cardiovascular events.](#)

Kim RB, Morse BL, Djurdjev O, Tang M, Muirhead N, Barrett B, Holmes DT, Madore F, Clase CM, Rigatto C, Levin A; CanPREDDICT Investigators.
Kidney Int. 2016 May;89(5):1144-52. doi: 10.1016/j.kint.2016.01.014. Epub 2016 Mar 19.
PMID: 27083288

[Increasing the uptake of exercise programs in the dialysis unit: a protocol for a realist synthesis.](#)

Thompson S, Clark A, Molzahn A, **Klarenbach S**, Tonelli M.
Syst Rev. 2016 Apr 21;5(1):67. doi: 10.1186/s13643-016-0224-6.
PMID: 27103588

[NLRP3 Localizes to the Tubular Epithelium in Human Kidney and Correlates With Outcome in IgA Nephropathy.](#)

Chun J, Chung H, Wang X, Barry R, Taheri ZM, Platnich JM, Ahmed SB, Trpkov K, **Hemmelgarn B**, Benediktsson H, James MT, Muruve DA.
Sci Rep. 2016 Apr 20;6:24667. doi: 10.1038/srep24667.
PMID: 27093923

[Primary care physicians' perceived barriers and facilitators to conservative care for older adults with chronic kidney disease: design of a mixed methods study.](#)

Tam-Tham H, **Hemmelgarn B**, Campbell D, Thomas C, Quinn R, Fruetel K, King-Shier K.
Can J Kidney Health Dis. 2016 Apr 4;3:17. doi: 10.1186/s40697-016-0110-0. eCollection 2016.
PMID: 27047667

[GRP78 and CHOP modulate macrophage apoptosis and the development of bleomycin-induced pulmonary fibrosis.](#)

Ayoub EA, Kolb PS, **Mohammed-Ali Z**, **Tat V**, Murphy J, Bellaye PS, Shimbori C, Boivin FJ, Lai R, Lynn EG, Lhotak S, Bridgewater D, Kolb MR, Inman MD, Dickhout JG, Austin RC, Ask K.
J Pathol. 2016 May 2. doi: 10.1002/path.4738.
PMID: 27135434

[Key Considerations and Methods in the Study of Gene-Environment Interactions.](#)

Simon PH, Sylvestre MP, Tremblay J, **Hamet P**.
Am J Hypertens. 2016 Apr 1. pii: hpw021.
PMID: 27037711

[Aldosterone-Induced Vascular Remodeling and Endothelial Dysfunction Require Functional Angiotensin Type 1a Receptors.](#)

Briet M, Barhoumi T, Mian MO, **Coelho SC**, **Ouerd S**, Rautureau Y, Coffman TM, **Paradis P**, **Schiffrin EL**.
Hypertension. 2016 May;67(5):897-905. doi: 10.1161/HYPERTENSIONAHA.115.07074. Epub 2016 Apr 4.
PMID: 27045029

[Insights into the importance of the electrocardiogram in patients with acute heart failure.](#)

Gouda P, Brown P, Rowe BH, McAlister FA, Ezekowitz JA.
Eur J Heart Fail. 2016 May 5. doi: 10.1002/ejhf.561.
PMID: 27145910

[Rare Genetic Variants and High-Density Lipoprotein: Marching to a Different Drum.](#)

Trigatti BL, **Hegele RA**.
Arterioscler Thromb Vasc Biol. 2016 Apr 28. pii: ATVBAHA.116.307688. [Epub ahead of print] No abstract available.
PMID: 27127203

[A novel ICK mutation causes ciliary disruption and lethal endocrine-cerebro-osteodysplasia syndrome.](#)

Oud MM, Bonnard C, Mans DA, Altunoglu U, Tohari S, Ng AY, Eskin A, Lee H, Rupar CA, de Wagenaar NP, Wu KM, Lahiry P, Pazour GJ, Nelson SF, **Hegele RA**, Roepman R, Kayserili H, Venkatesh B, Siu VM, Reversade B, Arts HH
Cilia. 2016 Apr 11;5:8. doi: 10.1186/s13630-016-0029-1. eCollection 2016.
PMID: 27069622

[Accuracy of commercial devices and methods for noninvasive estimation of aortic systolic blood pressure a systematic review and meta-analysis of invasive validation studies.](#)

Papaioannou TG, Karageorgopoulou TD, Sergentanis TN, Protogerou AD, Psaltopoulou T, Sharman JE, Weber T, Blacher J, **Daskalopoulou SS**, Wassertheurer S, Khir AW, Vlachopoulos C, Stergiopoulos N, Stefanadis C, Nichols WW, Tousoulis D
J Hypertens. 2016 Apr 28.
PMID: 27136312

[Antiresorptive Therapy and Newly-Diagnosed Diabetes in Women: A Historical Cohort Study.](#)

Yang S, Leslie WD, Morin SN, Majumdar SR, **Lix LM**.
Diabetes Obes Metab. 2016 Apr 21. doi: 10.1111/dom.12678. [
PMID: 27097832

[Objectively Verified Parental Hip Fracture Is an Independent Risk Factor for Fracture: A Linkage Analysis of 478,792 Parents and 261,705 Offspring.](#)

Yang S, Leslie WD, Yan L, Walld R, Roos LL, Morin SN, Majumdar SR, **Lix LM**.
J Bone Miner Res. 2016 Apr 8. doi: 10.1002/jbmr.2849.
PMID: 27061748

[Baseline risk has greater influence over behavioral attrition on the real-world clinical effectiveness of cardiac rehabilitation.](#)

Biswas A, **Oh PI**, Faulkner GE, Alter DA.
J Clin Epidemiol. 2016 Apr 28. pii: S0895-4356(16)30081-6. doi: 10.1016/j.jclinepi.2016.03.027.
PMID: 27134137

[Capsule Commentary on Misra-Hebert et al., Financial Incentives and Diabetes Disease Control in Employees: A Retrospective Cohort Analysis.](#)

Mitchell MS, **Oh PI**.
J Gen Intern Med. 2016 Apr 25. [Epub ahead of print] No abstract available.

PMID: 27114359

[Effects of exercise training on sleep apnoea in patients with coronary artery disease: a randomised trial.](#)

Mendelson M, Lyons OD, Yadollahi A, Inami T, **Oh P**, Bradley TD.

Eur Respir J. 2016 Apr 13. pii: ERJ-01897-2015. doi: 10.1183/13993003.01897-2015

PMID: 2707657

[Cellular Senescence and Vascular Disease: Novel Routes to Better Understanding and Therapy.](#)

Yin H, **Pickering JG**

Can J Cardiol. 2016 May;32(5):612-23. doi: 10.1016/j.cjca.2016.02.051. Epub 2016 Feb 19.

PMID: 27040096

[Residents as teachers: Near peer learning in clinical work settings: AMEE Guide No. 106.](#)

Ramani S, **Mann K**, Taylor D, Thampy H.

Med Teach. 2016 Apr 13:1-14.

PMID: 27071739

[Gastrointestinal safety across the albiglutide development programme.](#)

Leiter LA, Mallory JM, Wilson TH, Reinhardt RR.

Diabetes Obes Metab. 2016 Apr 21. doi: 10.1111/dom.12679.

PMID: 27097971

[Blood-Pressure Lowering in Intermediate-Risk Persons without Cardiovascular Disease.](#)

Lonn EM, Bosch J, López-Jaramillo P, Zhu J, Liu L, Pais P, Diaz R, Xavier D, Sliwa K, Dans A, Avezum A, Piegas LS, Keltai K, Keltai M, Chazova I, Peters RJ, Held C, Yusoff K, Lewis BS, Jansky P, Parkhomenko A, Khunti K, Toff WD, Reid CM, Varigos J, **Leiter LA**, Molina DI, McKelvie R, Pogue J, Wilkinson J, Jung H, Dagenais G, Yusuf S; HOPE-3 Investigators.

N Engl J Med. 2016 Apr 2.

PMID: 27041480

[Cholesterol Lowering in Intermediate-Risk Persons without Cardiovascular Disease.](#)

Yusuf S, Bosch J, Dagenais G, Zhu J, Xavier D, Liu L, Pais P, López-Jaramillo P, **Leiter LA**, Dans A, Avezum A, Piegas LS, Parkhomenko A, Keltai K, Keltai M, Sliwa K, Peters RJ, Held C, Chazova I, Yusoff K, Lewis BS, Jansky P, Khunti K, Toff WD, Reid CM, Varigos J, Sanchez-Vallejo G, McKelvie R, Pogue J, Jung H, Gao P, Diaz R, Lonn E; HOPE-3 Investigators.

N Engl J Med. 2016 Apr 2.

PMID: 27040132

[Blood-Pressure and Cholesterol Lowering in Persons without Cardiovascular Disease.](#)

Yusuf S, Lonn E, Pais P, Bosch J, López-Jaramillo P, Zhu J, Xavier D, Avezum A, **Leiter LA**, Piegas LS, Parkhomenko A, Keltai M, Keltai K, Sliwa K, Chazova I, Peters RJ, Held C, Yusoff K, Lewis BS, Jansky P, Khunti K, Toff WD, Reid CM, Varigos J, Accini JL, McKelvie R, Pogue J, Jung H, Liu L, Diaz R, Dans A, Dagenais G; HOPE-3 Investigators.

N Engl J Med. 2016 Apr 2.

PMID: 27039945

[High Ultrafiltration Rates Increase Troponin Levels in Stable Hemodialysis Patients.](#)

Mavrakanas TA, Sniderman AD, **Barré PE**, Vasilevsky M, Alam A.

Am J Nephrol. 2016 Apr 12;43(3):173-178.
PMID: 27064739

[Patterns of care among first-time referrals to rheumatologists: Characteristics and timeliness of consultations and treatment in Ontario, Canada.](#)

Widdifield J, Tu K, Thorne JC, Bombardier C, Paterson JM, Jaakkimainen RL, Wing L, **Butt DA**, Ivers N, Hofstetter C, Lyddiatt A, Ahluwalia V, Bernatsky S.
Arthritis Care Res (Hoboken). 2016 Apr 25. doi: 10.1002/acr.22910. [PMID: 27110847]

[Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants.](#)

NCD Risk Factor Collaboration (NCD-RisC), Di Cesare M, Bentham J, Stevens GA, Zhou B, Danaei G, Lu Y, Bixby H, Cowan MJ, Riley LM, Hajifathalian K, Fortunato L, Taddei C, Bennett JE, Ikeda N, Khang YH, Kyobutungi C, Laxmaiah A, Li Y, Lin HH, Miranda JJ, Mostafa A, Turley ML, Paciorek CJ, Gunter M, Ezzati M.
Lancet. 2016 Apr 2;387(10026):1377-96. doi: 10.1016/S0140-6736(16)30054-X.
PMID: 27115820

[Endoplasmic reticulum stress inhibition reduces hypertension through the preservation of resistance blood vessel structure and function.](#)

Carlisle RE, Werner KE, Yum V, **Lu C**, **Tat V**, Memon M, No Y, Ask K, Dickhout JG.
J Hypertens. 2016 Apr 23.
PMID: 27115336

[Aliskiren, Enalapril, or Aliskiren and Enalapril in Heart Failure.](#)

McMurray JJ, Krum H, Abraham WT, Dickstein K, Køber LV, Desai AS, Solomon SD, Greenlaw N, Ali MA, Chiang Y, Shao Q, Tarnesby G, Massie BM; ATMOSPHERE Committees Investigators.
N Engl J Med. 2016 Apr 21;374(16):1521-32. doi: 10.1056/NEJMoa1514859. Epub 2016 Apr 4.
PMID: 27043774

[Vascular Aging: Lessons From Pediatric Hypertension.](#)

Litwin M, **Feber J**, **Ruzicka M**.
Can J Cardiol. 2016 May;32(5):642-9. doi: 10.1016/j.cjca.2016.02.064. Epub 2016 Feb 27. Review.
PMID: 27040097

[The Validity of Left Ventricular Mass as a Surrogate End Point for All-Cause and Cardiovascular Mortality Outcomes in People With CKD: A Systematic Review and Meta-analysis.](#)

Badve SV, Palmer SC, Strippoli GF, Roberts MA, Teixeira-Pinto A, Boudville N, Cass A, Hawley CM, **Hiremath SS**, Pascoe EM, Perkovic V, Whalley GA, Craig JC, Johnson DW.
Am J Kidney Dis. 2016 Apr 30. pii: S0272-6386(16)30024-5. doi: 10.1053/j.ajkd.2016.03.418.
PMID: 27138469

[Reduction in Serum Uric Acid May Be Related to Methotrexate Efficacy in Early Rheumatoid Arthritis: Data from the Canadian Early Arthritis Cohort \(CATCH\).](#)

Lee JJ, Bykerk VP, **Dresser GK**, Boire G, Haraoui B, Hitchon C, Thorne C, Tin D, Jamal S, Keystone EC, Pope JE.
Clin Med Insights Arthritis Musculoskelet Disord. 2016 Apr 4;9:37-43. doi: 10.4137/CMAMD.S38092. eCollection 2016.
PMID: 27081318

[Comparability of two commonly used automated office blood pressure devices in the severely obese.](#)

Padwal RS, Majumdar SR.
Blood Press Monit. 2016 Apr 20.
PMID: 27100401

[Effect of Cuff Design on Auscultatory and Oscillometric Blood Pressure Measurements.](#)

Ringrose JS, **McLean D**, Ao P, Yousefi F, Sankaralingam S, Millay J, **Padwal R**.
Am J Hypertens. 2016 Apr 20. pii: hpw034
PMID: 27099256

[Impact of personal and social resources on parenting stress in mothers of children with autism spectrum disorder.](#)

Zaidman-Zait A, Mirenda P, Duku E, Vaillancourt T, Smith IM, Szatmari P, Bryson S, Fombonne E, Volden J, Waddell C, Zwaigenbaum L, Georgiades S, Bennett T, Elsabaggh M, **Thompson A**.
Autism. 2016 Apr 18. pii: 1362361316633033.
PMID: 27091948

[Sleeping for Two: An Open-Pilot Study of Cognitive Behavioral Therapy for Insomnia in Pregnancy.](#)

Tomfohr-Madsen LM, Clayborne ZM, Rouleau CR, **Campbell TS**.
Behav Sleep Med. 2016 Apr 28:1-17.
PMID: 27124405