

Update of Members' Publications
May 2017

[Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults.](#)

Leung AA, Daskalopoulou SS, Dasgupta K, McBrien K, Butalia S, Zarnke KB, Nerenberg K, Harris KC, Nakhla M, Cloutier L, Gelfer M, Lamarre-Cliche M, Milot A, Bolli P, Tremblay G, McLean D, Tobe SW, Ruzicka M, Burns KD, Vallée M, Prasad GVR, Gryn SE, Feldman RD, Selby P, Pipe A, Schiffrin EL, McFarlane PA, Oh P, Hegele RA, Khara M, Wilson TW, Penner SB, Burgess E, Sivapalan P, Herman RJ, Bacon SL, Rabkin SW, Gilbert RE, Campbell TS, Grover S, Honos G, Lindsay P, Hill MD, Coutts SB, Gubitz G, Campbell NRC, Moe GW, Howlett JG, Boulanger JM, Prebtani A, Kline G, Leiter LA, Jones C, Côté AM, Woo V, Kaczorowski J, Trudeau L, Tsuyuki RT, Hiremath S, Drouin D, Lavoie KL, Hamet P, Grégoire JC, Lewanczuk R, Dresser GK, Sharma M, Reid D, Lear SA, Moullec G, Gupta M, Magee LA, Logan AG, Dionne J, Fournier A, Benoit G, Feber J, Poirier L, Padwal RS, Rabi DM; Hypertension Canada..

Can J Cardiol. 2017 May;33(5):557-576. doi: 10.1016/j.cjca.2017.03.005. Epub 2017 Mar 10.

PMID: 28449828 [PubMed - in process]

[Insulin affordability.](#)

Hegele RA.

Lancet Diabetes Endocrinol. 2017 May;5(5):324. doi: 10.1016/S2213-8587(17)30115-8. No abstract available.

PMID: 28434485 [PubMed - in process]

[Barriers to care in patients with diabetes and poor glycemic control-A cross-sectional survey.](#)

McBrien KA, Naugler C, Ivers N, Weaver RG, Campbell D, Desveaux L, Hemmelgarn BR, Edwards AL, Saad N, Nicholas D, Manns BJ.

PLoS One. 2017 May 1;12(5):e0176135. doi: 10.1371/journal.pone.0176135.

eCollection 2017.

PMID: 28459820 [PubMed - in process]

[Adverse Outcomes Associated with Preventable Complications in Hospitalized Patients with CKD.](#)

Bohlouli B, Jackson TJ, Tonelli M, Hemmelgarn B, Klarenbach S.

Clin J Am Soc Nephrol. 2017 Apr 27. pii: CJN.09410916. doi: 10.2215/CJN.09410916.

[Epub ahead of print]

PMID: 28450414

[In Reply to 'International Normalized Ratio Control in Patients With Atrial Fibrillation and CKD'.](#)

Jun M, Hemmelgarn BR.

Am J Kidney Dis. 2017 Apr 14. pii: S0272-6386(17)30564-4. doi:

10.1053/j.ajkd.2017.02.368. [Epub ahead of print] No abstract available.

PMID: 28427791

[Hypertension Canada's 2017 Guidelines for Diagnosis, Risk Assessment, Prevention, and Treatment of Hypertension in Adults.](#)

Leung AA, Daskalopoulou SS, Dasgupta K, McBrien K, Butalia S, Zarnke KB, Nerenberg K, Harris KC, Nakhla M, Cloutier L, Gelfer M, Lamarre-Cliche M, Milot A, Bolli P, Tremblay G, McLean D, Tobe SW, Ruzicka M, Burns KD, Vallée M, Prasad GVR, Gryn SE, Feldman RD, Selby P, Pipe A, Schiffrin EL, McFarlane PA, Oh P, Hegele RA, Khara M, Wilson TW, Penner SB, Burgess E, Sivapalan P, Herman RJ, Bacon SL, Rabkin SW, Gilbert RE, Campbell TS, Grover S, Honos G, Lindsay P, Hill MD, Coutts SB, Gubitz G, Campbell NRC, Moe GW, Howlett JG, Boulanger JM, Prebtani A, Kline G, Leiter LA, Jones C, Côté AM, Woo V, Kaczorowski J, Trudeau L, Tsuyuki RT, Hiremath S, Drouin D, Lavoie KL, Hamet P, Grégoire JC, Lewanczuk R, Dresser GK, Sharma M, Reid D, Lear SA, Moullec G, Gupta M, Magee LA, Logan AG, Dionne J, Fournier A, Benoit G, Feber J, Poirier L, Padwal RS, Rabi DM; Hypertension Canada..

Can J Cardiol. 2017 May;33(5):557-576. doi: 10.1016/j.cjca.2017.03.005. Epub 2017 Mar 10.

PMID: 28449828

[Use of Noncontrast Computed Tomography and Computed Tomographic Perfusion in Predicting Intracerebral Hemorrhage After Intravenous Alteplase Therapy.](#)

Batchelor C, Pordeli P, d'Esterre CD, Najm M, Al-Ajlan FS, Boesen ME, McDougall C, Hur L, Fainardi E, Shankar JJS, Rubiera M, Khaw AV, Hill MD, Demchuk AM, Sajobi TT, Goyal M, Lee TY, Aviv RI, Menon BK.

Stroke. 2017 Apr 26. pii: STROKEAHA.117.016616. doi:

10.1161/STROKEAHA.117.016616. [Epub ahead of print]

PMID: 28446625

[The Gap Between Manual and Automated Office Blood Pressure Measurements Results at a Hypertension Clinic.](#)

Rinfret F, Cloutier L, L'Archevêque H, Gauthier M, Laskine M, Larochelle P, Ilinca M, Birnbaum L, Ng Cheong N, Wistaff R, Van Nguyen P, Roederer G, Bertrand M, Lamarre-Cliche M.

Can J Cardiol. 2017 May;33(5):653-657. doi: 10.1016/j.cjca.2017.01.021. Epub 2017 Feb 2.

PMID: 28449835

[Design of the effect of adaptive servo-ventilation on survival and cardiovascular hospital admissions in patients with heart failure and sleep apnoea: the ADVENT-HF trial.](#)

Lyons OD, Floras JS, Logan AG, Beanlands R, Cantolla JD, Fitzpatrick M, Fleetham J, John Kimoff R, Leung RS, Lorenzi Filho G, Mayer P, Mielniczuk L, Morrison DL, Ryan CM, Series F, Tomlinson GA, Woo A, Arzt M, Parthasarathy S, Redolfi S, Kasai T, Parati G, Delgado DH, Bradley TD; ADVENT-HF Investigators..

Eur J Heart Fail. 2017 Apr;19(4):579-587. doi: 10.1002/ejhf.790.

PMID: 28371141

[Prevalence of non-adherence among psychiatric patients in Jordan, a cross sectional study.](#)

Mukattash TL, Alzoubi KH, Abu El-Rub E, Jarab AS, Al-Azzam SI, Khmour M, Shara M, Al Hamarneh YN.

Int J Pharm Pract. 2016 May;24(3):217-21. doi: 10.1111/ijpp.12239. Epub 2016 Jan 25.

PMID: 26809232

[Individuals with pain need more sleep in the early stage of mild traumatic brain injury.](#)

Suzuki Y, Khoury S, El-Khatib H, Chauny JM, Paquet J, Giguère JF, Denis R, Gosselin N, Lavigne GJ, Arbour C.

Sleep Med. 2017 May;33:36-42. doi: 10.1016/j.sleep.2016.06.033. Epub 2016 Oct 22.

PMID: 28449903

[Validation of the ultrasonographic assessment of the femoral trochlea epiphyseal cartilage in foals at osteochondrosis predilected sites with MRI and histology.](#)

Martel G, Forget C, Gilbert G, Richard H, Moser T, Olive J, Laverty S.

Equine Vet J. 2017 May 4. doi: 10.1111/evj.12698. [Epub ahead of print]

PMID: 28470772

[Protocol for a placebo-controlled, within-participants crossover trial evaluating the efficacy of intranasal oxytocin to improve pain and function among women with chronic pelvic musculoskeletal pain.](#)

Rash JA, Toivonen K, Robert M, Nasr-Esfahani M, Jarrell JF, Campbell TS.

BMJ Open. 2017 Apr 16;7(4):e014909. doi: 10.1136/bmjopen-2016-014909.

PMID: 28416501

[The association between insomnia symptoms and cardiovascular risk factors in patients who complete outpatient cardiac rehabilitation.](#)

Rouleau CR, Toivonen K, Aggarwal S, Arena R, Campbell TS.

Sleep Med. 2017 Apr;32:201-207. doi: 10.1016/j.sleep.2017.01.005. Epub 2017 Jan 23.

PMID: 28366335

[Spironolactone Metabolites in TOPCAT - New Insights into Regional Variation.](#)

de Denus S, O'Meara E, Desai AS, Claggett B, Lewis EF, Leclair G, Jutras M, Lavoie J, Solomon SD, Pitt B, Pfeffer MA, Rouleau JL.
N Engl J Med. 2017 Apr 27;376(17):1690-1692. doi: 10.1056/NEJMc1612601. No abstract available.
PMID: 28445660

[Efficacy of Calcium Channel Blockers on Major Cardiovascular Outcomes for the Treatment of Hypertension in Asian Populations: A Meta-analysis.](#)

Tran KC, Leung AA, Tang KL, Quan H, Khan NA.
Can J Cardiol. 2017 May;33(5):635-643. doi: 10.1016/j.cjca.2017.01.011. Epub 2017 Jan 21. Review.
PMID: 28377067

[The ongoing saga of poor blood pressure measurement: Past, present, and future perspectives.](#)

Ringrose J, Padwal R.
J Clin Hypertens (Greenwich). 2017 May 2. doi: 10.1111/jch.13016. [Epub ahead of print] No abstract available.
PMID: 28466516

[An Assessment of the Accuracy of Home Blood Pressure Monitors When Used in Device Owners.](#)

Ringrose JS, Polley G, McLean D, Thompson A, Morales F, Padwal R.
Am J Hypertens. 2017 Apr 19. doi: 10.1093/ajh/hpx041. [Epub ahead of print]
PMID: 28430848

[Differences in Short- and Long-Term Mortality Associated With BMI Following Coronary Revascularization.](#)

Terada T, Forhan M, Norris CM, Qiu W, Padwal R, Sharma AM, Nagendran J, Johnson JA. J Am Heart Assoc. 2017 Apr 14;6(4). pii: e005335. doi: 10.1161/JAHA.116.005335.
PMID: 28411242

[Opioid Overuse or NSAID Underuse? A Response to the Pain Guide.](#)

Hiremath S, Goldfarb DS, Juurlink DN.
Am J Kidney Dis. 2017 Apr 20. pii: S0272-6386(17)30606-6. doi: 10.1053/j.ajkd.2017.02.375. [Epub ahead of print] No abstract available.
PMID: 28454686

[Are Automated Blood Pressure Monitors Comparable to Ambulatory Blood Pressure Monitors? A Systematic Review and Meta-analysis.](#)

Jegatheswaran J, Ruzicka M, Hiremath S, Edwards C.
Can J Cardiol. 2017 May;33(5):644-652. doi: 10.1016/j.cjca.2017.01.020. Epub 2017 Feb 1. Review.
PMID: 28449834

[Accuracy-Limiting Factor of Home Blood Pressure Monitors?](#)

Ruzicka M, Hiremath S.
Am J Hypertens. 2017 Apr 19. doi: 10.1093/ajh/hpx056. [Epub ahead of print] No abstract available.
PMID: 28430845

[Balancing Overscreening and Underdiagnosis in Secondary Hypertension: The Case of Fibromuscular Dysplasia.](#)

Ruzicka M, Kucharski SE, Hiremath S.
Cardiol Clin. 2017 May;35(2):247-254. doi: 10.1016/j.ccl.2016.12.006. Review.
PMID: 28411898

[Assessment of the ExAC data set for the presence of individuals with pathogenic genotypes implicated in severe Mendelian pediatric disorders.](#)

Tarailo-Graovac M, Zhu JYA, Matthews A, van Karnebeek CDM, Wasserman WW.
Genet Med. 2017 May 4. doi: 10.1038/gim.2017.50. [Epub ahead of print]
PMID: 28471432

[Volunteerism, and alignment, are needed for a major paradigm shift in approaches to hypertension control: 2016 World Hypertension League Excellence Award in Hypertension Prevention and Control and the Distinguished Service Award.](#)

Campbell NRC.
J Clin Hypertens (Greenwich). 2017 Apr 20. doi: 10.1111/jch.13003. [Epub ahead of print] No abstract available.
PMID: 28425623

[The Cardiovascular Health in Ambulatory Care Research Team performance indicators for the primary prevention of cardiovascular disease: a modified Delphi panel study.](#)

Tu JV, Maclagan LC, Ko DT, Atzema CL, Booth GL, Johnston S, Tu K, Lee DS, Bierman A, Hall R, Bhatia RS, Gershon AS, Tobe SW, Sanmartin C, Liu P, Chu A; CANHEART Primary Prevention Indicator Expert Panel..
CMAJ Open. 2017 Apr 25;5(2):E315-E321. doi: 10.9778/cmajo.20160139.
PMID: 28446446

[A Framework for the Study of Complex mHealth Interventions in Diverse Cultural Settings.](#)

Maar MA, Yeates K, Perkins N, Boesch L, Hua-Stewart D, Liu P, Sleeth J, Tobe SW. JMIR Mhealth Uhealth. 2017 Apr 20;5(4):e47. doi: 10.2196/mhealth.7044. PMID: 28428165

[Efficacy of Calcium Channel Blockers on Major Cardiovascular Outcomes for the Treatment of Hypertension in Asian Populations: A Meta-analysis.](#)

Tran KC, Leung AA, Tang KL, Quan H, Khan NA. Can J Cardiol. 2017 May;33(5):635-643. doi: 10.1016/j.cjca.2017.01.011. Epub 2017 Jan 21. Review. PMID: 28377067

[Design of the effect of adaptive servo-ventilation on survival and cardiovascular hospital admissions in patients with heart failure and sleep apnoea: the ADVENT-HF trial.](#)

Lyons OD, Floras JS, Logan AG, Beanlands R, Cantolla JD, Fitzpatrick M, Fleetham J, John Kimoff R, Leung RS, Lorenzi Filho G, Mayer P, Mielniczuk L, Morrison DL, Ryan CM, Series F, Tomlinson GA, Woo A, Arzt M, Parthasarathy S, Redolfi S, Kasai T, Parati G, Delgado DH, Bradley TD; ADVENT-HF Investigators.. Eur J Heart Fail. 2017 Apr;19(4):579-587. doi: 10.1002/ejhf.790. PMID: 28371141

[Guiding the reporting of studies that use routinely collected health data.](#)

Quan H, Williamson T. CMAJ. 2016 May 17;188(8):559-60. doi: 10.1503/cmaj.151470. Epub 2016 Feb 16. No abstract available. PMID: 26883317

[Respiratory and hemodynamic contributions to emotion-related pre-syncope vasovagal symptoms.](#)

Harrison JM, Gilchrist PT, Corovic TS, Bogetti C, Song Y, Bacon SL, Ditto B. Biol Psychol. 2017 Apr 26. pii: S0301-0511(17)30080-7. doi: 10.1016/j.biopsycho.2017.04.011. [Epub ahead of print] PMID: 28456564

[Precision Medicine for Hypertension Management in Chronic Kidney Disease: Relevance of SPRINT for Therapeutic Targets in Nondiabetic Renal Disease.](#)

Ruzicka M, Burns KD, Hiremath S. Can J Cardiol. 2017 May;33(5):611-618. doi: 10.1016/j.cjca.2017.01.007. Epub 2017 Jan 20. Review. PMID: 28365055

[Gaps and barriers in the control of blood glucose in people with type 2 diabetes. Blonde L, Aschner P, Bailey C, Ji L, Leiter LA, Matthaehi S; Global Partnership for Effective Diabetes Management.](#)

Diab Vasc Dis Res. 2017 May;14(3):172-183. doi: 10.1177/1479164116679775. Epub 2017 Feb 1.

PMID: 28467203

[Factors associated with adherence to asthma treatment with inhaled corticosteroids: a cross-sectional exploratory study.](#)

Lawani MA, Zongo F, Breton MC, Moisan J, Grégoire JP, Dorval E, Boulet LP, Jobin FM, Guénette L.

J Asthma. 2017 May 4:0. doi: 10.1080/02770903.2017.1326131. [Epub ahead of print]

PMID: 28471286

[Prediction and validation of the duration of hemodialysis sessions for the treatment of acute ethylene glycol poisoning.](#)

Iliuta IA, Lachance P, Ghannoum M, Bégin Y, Mac-Way F, Desmeules S, De Serres SA, Julien AS, Douville P, Agharazii M.

Kidney Int. 2017 Apr 12. pii: S0085-2538(17)30151-5. doi: 10.1016/j.kint.2017.02.018.

[Epub ahead of print]

PMID: 28412021

[Dissociation mediates the relationship between sexual abuse and child psychological difficulties.](#)

Ensink K, Berthelot N, Bégin M, Maheux J, Normandin L.

Child Abuse Negl. 2017 Apr 26;69:116-124. doi: 10.1016/j.chiabu.2017.04.017. [Epub ahead of print]

PMID: 28456066

[cAMP attenuates angiotensin-II-induced Egr-1 expression via PKA-dependent signaling pathway in vascular smooth muscle cells.](#)

Simo-Cheyou ER, Youreva V, Srivastava AK.

Can J Physiol Pharmacol. 2017 May 1. doi: 10.1139/cjpp-2017-0035. [Epub ahead of print]

PMID: 28460186

[Diagnosis and outcomes of acute kidney injury using surrogate and imputation methods for missing preadmission creatinine values.](#)

Bernier-Jean A, Beaubien-Souligny W, Goupil R, Madore F, Paquette F, Troyanov S, Bouchard J.

BMC Nephrol. 2017 Apr 28;18(1):141. doi: 10.1186/s12882-017-0552-3.

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