

Update of Members' Publications
October 2018

[Association of Clinical, Imaging, and Thrombus Characteristics With Recanalization of Visible Intracranial Occlusion in Patients With Acute Ischemic Stroke.](#)

Menon BK, Al-Ajlan FS, Najm M, Puig J, Castellanos M, Dowlathshahi D, Calleja A, Sohn SI, Ahn SH, Poppe A, Mikulik R, Asdaghi N, Field TS, Jin A, Asil T, Boulanger JM, Smith EE, Coutts SB, Barber PA, Bal S, Subramanian S, Mishra S, Trivedi A, Dey S, Eesa M, Sajobi T, Goyal M, Hill MD, Demchuk AM; INTERSeCT Study Investigators. JAMA. 2018 Sep 11;320(10):1017-1026. doi: 10.1001/jama.2018.12498. PMID: 30208455

[Growth differentiation factor-15 is not modified by sacubitril/valsartan and is an independent marker of risk in patients with heart failure and reduced ejection fraction: the PARADIGM-HF trial.](#)

Bouabdallaoui N, Claggett B, Zile MR, McMurray JJV, O'Meara E, Packer M, Prescott MF, Swedberg K, Solomon SD, Rouleau JL; PARADIGM-HF Investigators and Committees. Eur J Heart Fail. 2018 Sep 11. doi: 10.1002/ejhf.1301. [Epub ahead of print] PMID: 30204280

[Evidence for Regulation of Hemoglobin Metabolism and Intracellular Ionic Flux by the Plasmodium falciparum Chloroquine Resistance Transporter.](#)

Lee AH, Dhingra SK, Lewis IA, Singh MK, Siriwardana A, Dalal S, Rubiano K, Klein MS, Baska KS, Krishna S, Klemba M, Roepe PD, Llinás M, Garcia CRS, Fidock DA. Sci Rep. 2018 Sep 11;8(1):13578. doi: 10.1038/s41598-018-31715-9. PMID: 30206341

[Antihypertensive effect of the mineralocorticoid receptor antagonist eplerenone: a pooled analysis of patient-level data from comparative trials using regulatory-approved doses.](#)

Fernet M, Beckerman B, Abreu P, Lins K, Vincent J, Burgess E. Vasc Health Risk Manag. 2018 Sep 20;14:233-246. doi: 10.2147/VHRM.S170141. eCollection 2018. PMID: 30275698

[What Can Declining Kidney Function Tell Us About Heart Failure?](#)Tobe SW.

Can J Cardiol. 2018 Oct;34(10):1261-1263. doi: 10.1016/j.cjca.2018.08.015. Epub 2018 Aug 10. No abstract available. PMID: 30269826

[Physician and Pharmacist Medication Decision-Making in the Time of Electronic Health Records: Mixed-Methods Study.](#)

Mercer K, Burns C, Guirguis L, Chin J, Dogba MJ, Dolovich L, Guénette L, Jenkins L, Légaré F, McKinnon A, McMurray J, Waked K, Grindrod KA.
JMIR Hum Factors. 2018 Sep 25;5(3):e24. doi: 10.2196/humanfactors.9891.
PMID: 30274959

[Measuring adherence to oral antidiabetic multi-drug treatment: Comparative validity of prescription claims-based adherence measures against hospitalization.](#)

Zongo A, Grégoire JP, Moisan J, Guénette L.
Res Social Adm Pharm. 2018 Sep 14. pii: S1551-7411(18)30351-6. doi:
10.1016/j.sapharm.2018.09.005. [Epub ahead of print]
PMID: 30253976

[Dietary fatty acids augment tissue levels of n-acyl ethanolamines in n-acylphosphatidylethanolamine phospholipase D \(NAPE-PLD\) knockout mice.](#)

Lin L, Metherel AH, Kitson AP, Alashmali SM, Hopperton KE, Trépanier MO, Jones PJ, Bazinet RP.
J Nutr Biochem. 2018 Sep 5;62:134-142. doi: 10.1016/j.jnutbio.2018.08.015. [Epub
ahead of print]
PMID: 30290332

[Understanding ethno-cultural differences in cardiac medication adherence behavior: a Canadian study.](#)

King-Shier K, Quan H, Mather C, Chong E, LeBlanc P, Khan N.
Patient Prefer Adherence. 2018 Sep 7;12:1737-1747. doi: 10.2147/PPA.S169167.
eCollection 2018.
PMID: 30233153

[Acute Tissue Mineral Deposition in Response to a Phosphate Pulse in Experimental CKD.](#)

Zelt JG, Svajger BA, Quinn K, Turner ME, Lavery KJ, Shum B, Holden RM, Adams MA.
J Bone Miner Res. 2018 Sep 14. doi: 10.1002/jbmr.3572. [Epub ahead of print]
PMID: 30216554

[Multiple Symmetric Lipomatosis \(Madelung Disease\) in a Large Canadian Family With the Mitochondrial *MTTK* c.8344A>G Variant.](#)

Perera U, Kennedy BA, Hegele RA.
J Investig Med High Impact Case Rep. 2018 Sep 29;6:2324709618802867. doi:
10.1177/2324709618802867. eCollection 2018 Jan-Dec.
PMID: 30283804

[Complex effects of laminopathy mutations on nuclear structure and function.](#)

Ho R, Hegele RA.
Clin Genet. 2018 Oct 3. doi: 10.1111/cge.13455. [Epub ahead of print] Review.

PMID: 30280378

[Familial hypercholesterolemia in Canada: Initial results from the FH Canada national registry.](#)

Brunham LR, Ruel I, Khoury E, Hegele RA, Couture P, Bergeron J, Baass A, Dufour R, Francis GA, Cermakova L, Mancini GBJ, Brophy JM, Brisson D, Gaudet D, Genest J. *Atherosclerosis*. 2018 Oct;277:419-424. doi: 10.1016/j.atherosclerosis.2018.05.040. PMID: 30270080

[Unusual genetic variants associated with hypercholesterolemia in Argentina.](#)

Corral P, Geller AS, Polisecki EY, Lopez GI, Bañares VG, Cacciagiù L, Berg G, Hegele RA, Schaefer EJ, Schreier LE. *Atherosclerosis*. 2018 Oct;277:256-261. doi: 10.1016/j.atherosclerosis.2018.06.009. PMID: 30270055

[Whole-Gene Duplication of PCSK9 as a Novel Genetic Mechanism for Severe Familial Hypercholesterolemia.](#)

Iacocca MA, Wang J, Sarkar S, Dron JS, Lagace T, McIntyre AD, Lau P, Robinson JF, Yang P, Knoll JH, Cao H, McPherson R, Hegele RA. *Can J Cardiol*. 2018 Oct;34(10):1316-1324. doi: 10.1016/j.cjca.2018.07.479. Epub 2018 Aug 4. PMID: 30269829

[Relationship between antidepressant therapy and risk for cardiovascular events in patients with and without cardiovascular disease.](#)

Lavoie KL, Paine NJ, Pelletier R, Arsenault A, Diodati JG, Campbell TS, Pilote L, Bacon SL. *Health Psychol*. 2018 Sep 24. doi: 10.1037/hea0000602. [Epub ahead of print] PMID: 30247064

[Acute Tissue Mineral Deposition in Response to a Phosphate Pulse in Experimental CKD.](#)

Zelt JG, Svajger BA, Quinn K, Turner ME, Lavery KJ, Shum B, Holden RM, Adams MA. *J Bone Miner Res*. 2018 Sep 14. doi: 10.1002/jbmr.3572. [Epub ahead of print] PMID: 30216554

[Pharmacist prescribing and care improves cardiovascular risk, but what do patients think? A substudy of the R_xEACH study.](#)

Al Harmarneh YN, Lamb S, Donald M, Hemmelgarn B, King Shier K, Jones CA, Mitchell C, Tsuyuki RT. *Can Pharm J (Ott)*. 2018 May 30;151(4):223-227. doi: 10.1177/1715163518779092. eCollection 2018 Jul-Aug. No abstract available. PMID: 30237836

[Sustaining knowledge translation interventions for chronic disease management in older adults: protocol for a systematic review and network meta-analysis.](#)

Tricco AC, Moore JE, Beben N, Brownson RC, Chambers DA, Dolovich LR, Edwards A, Fairclough L, Glasziou PP, Graham ID, Hemmelgarn BR, Holmes B, Isaranuwachai W, Lachance CC, Legare F, McGowan J, Majumdar SR, Proulx J, Squires JE, Stelfox HT, Striffler L, Thompson K, Van der Weijden T, Veroniki AA, Straus SE.
Syst Rev. 2018 Sep 15;7(1):140. doi: 10.1186/s13643-018-0808-4.
PMID: 30219107

[The effect of comorbidities on outcomes in colorectal cancer survivors: a population-based cohort study.](#)

Cuthbert CA, Hemmelgarn BR, Xu Y, Cheung WY.
J Cancer Surviv. 2018 Sep 6. doi: 10.1007/s11764-018-0710-z. [Epub ahead of print]
PMID: 30191524

[Laboratory-Assessed Markers of Cardiometabolic Health and Associations with GIS-Based Measures of Active-Living Environments.](#)

Hajna S, Dasgupta K, Ross NA.
Int J Environ Res Public Health. 2018 Sep 21;15(10). pii: E2079. doi:
10.3390/ijerph15102079.
PMID: 30248924

[Safety Lapses Prior to Initiation of Hemodialysis for Acute Kidney Injury in Hospitalized Patients: A Patient Safety Initiative.](#)

Douvrin A, Zeid K, Hiremath S, Brown PA, Sood MM, Abou Arkoub R, Malhi G, Clark EG.
J Clin Med. 2018 Oct 1;7(10). pii: E317. doi: 10.3390/jcm7100317.
PMID: 30275365

[The Effect of N-Acetylcysteine on Creatinine Measurement: Protocol for a Systematic Review.](#)

Huang JW, Clarkin OJ, McCudden C, Akbari A, Chow BJW, Shabana W, Kanji S, Davis A, Hiremath S.
Can J Kidney Health Dis. 2018 Sep 24;5:2054358118801017. doi:
10.1177/2054358118801017. eCollection 2018.
PMID: 30263131

[Antihypertensive effect of the mineralocorticoid receptor antagonist eplerenone: a pooled analysis of patient-level data from comparative trials using regulatory-approved doses.](#)

Fernet M, Beckerman B, Abreu P, Lins K, Vincent J, Burgess E.
Vasc Health Risk Manag. 2018 Sep 20;14:233-246. doi: 10.2147/VHRM.S170141.
eCollection 2018.

PMID: 30275698

[Reversing CXCL10 Deficiency Ameliorates Kidney Disease in Diabetic Mice.](#)

Zhang Y, Thai K, Kepecs DM, Winer D, Gilbert RE.
Am J Pathol. 2018 Sep 28. pii: S0002-9440(18)30152-4. doi:
10.1016/j.ajpath.2018.08.017. [Epub ahead of print]
PMID: 30273603

[SIRT1 activation attenuates \$\alpha\$ cell hyperplasia, hyperglucagonaemia and hyperglycaemia in STZ-diabetic mice.](#)

Zhang Y, Thai K, Jin T, Woo M, Gilbert RE.
Sci Rep. 2018 Sep 18;8(1):13972. doi: 10.1038/s41598-018-32351-z.
PMID: 30228292

[The Delivery of Cardiac Rehabilitation Using Communications Technologies: The "Virtual" Cardiac Rehabilitation Program.](#)

Lear SA.
Can J Cardiol. 2018 Oct;34(10S2):S278-S283. doi: 10.1016/j.cjca.2018.07.009. Epub
2018 Jul 18. Review.
PMID: 30274638

[Association of dairy intake with cardiovascular disease and mortality in 21 countries from five continents \(PURE\): a prospective cohort study.](#)

Dehghan M, Mente A, Rangarajan S, Sheridan P, Mohan V, Iqbal R, Gupta R, Lear S, Wentzel-Viljoen E, Avezum A, Lopez-Jaramillo P, Mony P, Varma RP, Kumar R, Chifamba J, Alhabib KF, Mohammadifard N, Oguz A, Lanas F, Rozanska D, Bostrom KB, Yusoff K, Tsolkile LP, Dans A, Yusufali A, Orlandini A, Poirier P, Khatib R, Hu B, Wei L, Yin L, Deeraili A, Yeates K, Yusuf R, Ismail N, Mozaffarian D, Teo K, Anand SS, Yusuf S; Prospective Urban Rural Epidemiology (PURE) study investigators.
Lancet. 2018 Sep 11. pii: S0140-6736(18)31812-9. doi: 10.1016/S0140-6736(18)31812-9. [Epub ahead of print]
PMID: 30217460

[Availability and affordability of essential medicines for diabetes across high-income, middle-income, and low-income countries: a prospective epidemiological study.](#)

Chow CK, Ramasundarahettige C, Hu W, AlHabib KF, Avezum A Jr, Cheng X, Chifamba J, Dagenais G, Dans A, Egbujie BA, Gupta R, Iqbal R, Ismail N, Keskinler MV, Khatib R, Kruger L, Kumar R, Lanas F, Lear S, Lopez-Jaramillo P, McKee M, Mohammadifard N, Mohan V, Mony P, Orlandini A, Rosengren A, Vijayakumar K, Wei L, Yeates K, Yusoff K, Yusuf R, Yusufali A, Zatonska K, Zhou Y, Islam S, Corsi D, Rangarajan S, Teo K, Gerstein HC, Yusuf S; PURE investigators.
Lancet Diabetes Endocrinol. 2018 Oct;6(10):798-808. doi: 10.1016/S2213-8587(18)30233-X. Epub 2018 Aug 28.

PMID: 30170949

[CardioDiabetes: Core Competencies for Cardiovascular Clinicians in a Rapidly Evolving Era of Type 2 Diabetes Management.](#)

Mancini GBJ, Cheng AY, Connelly K, Fitchett D, Goldenberg R, Goodman S, Leiter LA, Lonn E, Paty B, Poirier P, Stone J, Thompson D, Verma S, Woo V, Yale JF.

Can J Cardiol. 2018 Oct;34(10):1350-1361. doi: 10.1016/j.cjca.2018.07.010. Epub 2018 Jul 19. Review.

PMID: 30269832

[Superior Performance in Prone in Infants With Congenital Heart Disease Predicts an Earlier Onset of Walking.](#)

Dagenais L, Materassi M, Desnoux B, Vinay MC, Doussau A, Sabeh P, Prud'homme J, BSc KG, Lenoir M, Charron MA, Nuyt AM, Poirier N, Beaulieu-Genest L, Carmant L, Birca A.

J Child Neurol. 2018 Sep 18:883073818798194. doi: 10.1177/0883073818798194.

[Epub ahead of print]

PMID: 30226082

[Erythema nodosum.](#)

Leung AKC, Leong KF, Lam JM.

World J Pediatr. 2018 Sep 29. doi: 10.1007/s12519-018-0191-1. [Epub ahead of print]

PMID: 30269303

[Masked hypertension incidence and risk factors in a prospective cohort study.](#)

Trudel X, Brisson C, Gilbert-Ouimet M, Duchaine CS, Dalens V, Talbot D, Milot A.

Eur J Prev Cardiol. 2018 Sep 26:2047487318802692. doi:

10.1177/2047487318802692. [Epub ahead of print]

PMID: 30256672

[The Effects of Cardiac Rehabilitation in Patients With Atrial Fibrillation: A Systematic Review.](#)

Reed JL, Terada T, Chirico D, Prince SA, Pipe AL.

Can J Cardiol. 2018 Oct;34(10S2):S284-S295. doi: 10.1016/j.cjca.2018.07.014. Epub

2018 Jul 23. Review.

PMID: 30274639

[Impact of an invasive strategy in the elderly hospitalized with acute coronary syndrome with emphasis on the nonagenarians.](#)

Couture EL, Farand P, Nguyen M, Allard C, Wells GA, Mansour S, Rinfret S, Afilalo J, Eisenberg M, Montigny M, Kouz S, Afilalo M, Lauzon C, Dery JP, L'Allier P, Schampaert E, Tardif JC, Huynh T.

Catheter Cardiovasc Interv . 2018 Sep 30. doi: 10.1002/ccd.27877. [Epub ahead of

print]
PMID: 30269415

[Relationship between antidepressant therapy and risk for cardiovascular events in patients with and without cardiovascular disease.](#)

Lavoie KL, Paine NJ, Pelletier R, Arsenault A, Diodati JG, Campbell TS, Pilote L, Bacon SL.

Health Psychol. 2018 Sep 24. doi: 10.1037/hea0000602. [Epub ahead of print]
PMID: 30247064