

Update of Members' Publications
March 2019

[Impact of kidney transplantation on aortic stiffness and aortic stiffness index \$\beta\$ 0.](#)

Desjardins MP, Sidibé A, Fortier C, Mac-Way F, De Serres S, Larivière R, Spronck B, Goupil R, Agharazii M.

J Hypertens. 2019 Feb 8. doi: 10.1097/HJH.0000000000002058. [Epub ahead of print]
PMID: 30747794

[Glucose Modifies the Effect of Endovascular Thrombectomy in Patients With Acute Stroke.](#)

Chamorro Á, Brown S, Amaro S, Hill MD, Muir KW, Dippel DWJ, van Zwam W, Butcher K, Ford GA, den Hertog HM, Mitchell PJ, Demchuk AM, Majoie CBLM, Bracard S, Sibon I, Jadhav AP, Lara-Rodriguez B, van der Lugt A, Osei E, Renú A, Richard S, Rodriguez-Luna D, Donnan GA, Dixit A, Almekhlafi M, Deltour S, Epstein J, Guillon B, Bakchine S, Gomis M, du Mesnil de Rochemont R, Lopes D, Reddy V, Rudel G, Roos YBWEM, Bonafe A, Diener HC, Berkhemer OA, Cloud GC, Davis SM, van Oostenbrugge R, Guillemin F, Goyal M, Campbell BCV, Menon BK; HERMES Collaborators.

Stroke. 2019 Mar;50(3):690-696. doi: 10.1161/STROKEAHA.118.023769.
PMID: 30777000 [PubMed - in process]

[Rapid Alteplase Administration Improves Functional Outcomes in Patients With Stroke due to Large Vessel Occlusions.](#)

Goyal M, Almekhlafi M, Dippel DW, Campbell BCV, Muir K, Demchuk AM, Bracard S, Davalos A, Guillemin F, Jovin TG, Menon BK, Mitchell PJ, Brown S, White P, Majoie CBLM, Saver JL, Hill MD; HERMES Collaborators.

Stroke. 2019 Mar;50(3):645-651. doi: 10.1161/STROKEAHA.118.021840.
PMID: 30760169 [PubMed - in process]

[Improving Door-to-needle Times in the Treatment of Acute Ischemic Stroke Across a Canadian Province: Methodology.](#)

Kamal N, Jeerakathil T, Mrklas K, Smith EE, Mann B, Valaire S, Hill MD; QuICR Alberta Stroke Program.

Crit Pathw Cardiol. 2019 Mar;18(1):51-56. doi: 10.1097/HPC.0000000000000173.
PMID: 30747766 [PubMed - in process]

[Aerobic exercise alleviates depressive symptoms in patients with a major non-communicable chronic disease: a systematic review and meta-analysis.](#)

Béland M, Lavoie KL, Briand S, White UJ, Gemme C, Bacon SL.

Br J Sports Med. 2019 Feb 6. pii: bjsports-2018-099360. doi: 10.1136/bjsports-2018-099360. [Epub ahead of print] Review.
PMID: 30728127 [PubMed - as supplied by publisher]

[Ablation of both Cx40 and Panx1 results in similar cardiovascular phenotypes exhibited in Cx40 knockout mice.](#)

Novielli-Kuntz NM, Jelen M, Barr K, DeLalio LJ, Feng Q, Isakson BE, Gros R, Laird DW. Biosci Rep. 2019 Feb 27;39(2). pii: BSR20182350. doi: 10.1042/BSR20182350. Print 2019 Feb 28.
PMID: 30745457 [PubMed - in process]

[Intensive blood pressure reduction with intravenous thrombolysis therapy for acute ischaemic stroke \(ENCHANTED\): an international, randomised, open-label, blinded-endpoint, phase 3 trial.](#)

Anderson CS, Huang Y, Lindley RI, Chen X, Arima H, Chen G, Li Q, Billot L, Delcourt C, Bath PM, Broderick JP, Demchuk AM, Donnan GA, Durham AC, Lavados PM, Lee TH, Levi C, Martins SO, Olavarria VV, Pandian JD, Parsons MW, Pontes-Neto OM, Ricci S, Sato S, Sharma VK, Silva F, Song L, Thang NH, Wardlaw JM, Wang JG, Wang X, Woodward M, Chalmers J, Robinson TG; ENCHANTED Investigators and Coordinators. Lancet. 2019 Feb 6. pii: S0140-6736(19)30038-8. doi: 10.1016/S0140-6736(19)30038-8. [Epub ahead of print]
PMID: 30739745 [PubMed - as supplied by publisher]

[Outcomes Following Macrolide Use in Kidney Transplant Recipients.](#)

Jeong R, Quinn RR, Lentine KL, Lloyd A, Ravani P, Hemmelgarn B, Braam B, Garg AX, Wen K, Wong-Chan A, Gourishankar S, Lam NN. Can J Kidney Health Dis. 2019 Feb 21;6:2054358119830706. doi: 10.1177/2054358119830706. eCollection 2019.
PMID: 30815270

[Protein kinase B mediates insulin-like growth factor 1-induced phosphorylation and nuclear export of histone deacetylase 5 via NADPH oxidase 4 activation in vascular smooth muscle cells.](#)

Pietruczuk P, Jain A, Simo-Cheyrou ER, Anand-Srivastava MB, Srivastava AK. J Cell Physiol. 2019 Feb 22. doi: 10.1002/jcp.28353. [Epub ahead of print]
PMID: 30793765 [PubMed - as supplied by publisher]

[PGE₂ EP₁ receptor inhibits vasopressin-dependent water reabsorption and sodium transport in mouse collecting duct.](#)

Nasrallah R, Zimpelmann J, Eckert D, Ghossein J, Geddes S, Beique JC, Thibodeau JF, Kennedy CRJ, Burns KD, Hébert RL.

Lab Invest. 2018 Mar;98(3):360-370. doi: 10.1038/labinvest.2017.133. Epub 2017 Dec 18.

PMID: 29251736 [PubMed - indexed for MEDLINE]

[Place-specific factors associated with adverse maternal and perinatal outcomes in Southern Mozambique: a retrospective cohort study.](#)

Makanga PT, Sacoor C, Schuurman N, Lee T, Vilanculo FC, Munguambe K, Boene H, Ukah UV, Vidler M, Magee LA, Sevene E, von Dadelszen P, Firoz T; CLIP Working Group.

BMJ Open. 2019 Feb 19;9(2):e024042. doi: 10.1136/bmjopen-2018-024042.

PMID: 30782892 [PubMed - in process]

[A Single-dose, Comparative Bioavailability Study of a Formulation containing OM3 as Phospholipid and Free fatty Acid to an Ethyl Ester Formulation in the Fasting and Fed States.](#)

Lapointe JF, Harvey L, Aziz S, Jordan H, Hegele RA, Lemieux P.

Clin Ther. 2019 Feb 21. pii: S0149-2918(19)30055-4. doi:

10.1016/j.clinthera.2019.01.017. [Epub ahead of print]

PMID: 30799231 [PubMed - as supplied by publisher]

[A Longitudinal Examination of the Social-Ecological Correlates of Exercise in Men and Women Following Cardiac Rehabilitation.](#)

Moghei M, Reid RD, Wooding E, Melo Ghisi G, Pipe A, Chessex C, Prince SA, Blanchard C, Oh P, Grace SL.

J Clin Med. 2019 Feb 16;8(2). pii: E250. doi: 10.3390/jcm8020250.

PMID: 30781469 [PubMed]

[EPHA4 regulates vascular smooth muscle cell contractility and is a sex-specific hypertension risk gene in individuals with type 2 diabetes.](#)

Zhang Z, Tremblay J, Raelson J, Sofer T, Du L, Fang Q, Argos M, Marois-Blanchet FC, Wang Y, Yan L, Chalmers J, Woodward M, Harrap S, Hamet P, Luo H, Wu J.

J Hypertens. 2019 Apr;37(4):775-789. doi: 10.1097/HJH.0000000000001948.

PMID: 30817459 [PubMed - in process]

[Evaluation of interventions to improve electronic health record documentation within the inpatient setting: a protocol for a systematic review.](#)

Otero Varela L, Wiebe N, Niven DJ, Ronksley PE, Iragorri N, Robertson HL, Quan H. Syst Rev. 2019 Feb 13;8(1):54. doi: 10.1186/s13643-019-0971-2. PMID: 30760323 [PubMed - in process]

[Improving knowledge translation of clinical practice guidelines for epilepsy.](#)

Sauro KM, Jetté N, Quan H, Holroyd-Leduc J, DeCoster C, Wiebe S. Epilepsy Behav. 2019 Feb 4;92:265-268. doi: 10.1016/j.yebeh.2019.01.016. [Epub ahead of print] PMID: 30731291 [PubMed - as supplied by publisher]

[The effect of exercise on blood pressure in chronic kidney disease: A systematic review and meta-analysis of randomized controlled trials.](#)

Thompson S, Wiebe N, Padwal RS, Gyenes G, Headley SAE, Radhakrishnan J, Graham M. PLoS One. 2019 Feb 6;14(2):e0211032. doi: 10.1371/journal.pone.0211032. eCollection 2019. PMID: 30726242 [PubMed - in process]

[Phylogenomics of the superfamily Dytiscoidea \(Coleoptera: Adephaga\) with an evaluation of phylogenetic conflict and systematic error.](#)

Vasilikopoulos A, Balke M, Beutel RG, Donath A, Podsiadlowski L, Pflug JM, Waterhouse RM, Meusemann K, Peters RS, Escalona HE, Mayer C, Liu S, Hendrich L, Alarie Y, Bilton DT, Jia F, Zhou X, Maddison DR, Niehuis O, Misof B. Mol Phylogenet Evol. 2019 Feb 26. pii: S1055-7903(18)30649-3. doi: 10.1016/j.ympev.2019.02.022. [Epub ahead of print] PMID: 30822528 [PubMed - as supplied by publisher]

[Effect of Trendelenburg and lower body positive pressure on neck fluid distribution.](#)

Yadollahi A, Singh B, Millar PJ, Vena D, Floras JS, Bradley TD. J Appl Physiol (1985). 2019 Feb 28. doi: 10.1152/jappphysiol.00926.2018. [Epub ahead of print] PMID: 30817246 [PubMed - as supplied by publisher]

[Risk factors for hypertension in Canada.](#)

Leung AA, Bushnik T, Hennessy D, McAlister FA, Manuel DG. Health Rep. 2019 Feb 20;30(2):3-13. PMID: 30785634 [PubMed - in process]

[Evaluation and management of the child with hypothyroidism.](#)

Leung AKC, Leung AAC.

World J Pediatr. 2019 Feb 8. doi: 10.1007/s12519-019-00230-w. [Epub ahead of print] Review.

PMID: 30734891 [PubMed - as supplied by publisher]

[Comparing Automated Office Blood Pressure Readings With Other Methods of Blood Pressure Measurement for Identifying Patients With Possible Hypertension: A Systematic Review and Meta-analysis.](#)

Roerecke M, Kaczorowski J, Myers MG.

JAMA Intern Med. 2019 Feb 4. doi: 10.1001/jamainternmed.2018.6551. [Epub ahead of print]

PMID: 30715088 [PubMed - as supplied by publisher]

[Design and Validation with Influenza A Virus of an Aerosol Transmission Chamber for Ferrets.](#)

Turgeon N, Hamelin MÈ, Verreault D, Lévesque A, Rhéaume C, Carbonneau J, Checkmahomed L, Girard M, Boivin G, Duchaine C.

Int J Environ Res Public Health. 2019 Feb 19;16(4). pii: E609. doi: 10.3390/ijerph16040609.

PMID: 30791478 [PubMed - in process]

[Rationale, Design, and Baseline Characteristics of THEMIS: Effect of Ticagrelor on Health Outcomes in Diabetes Mellitus Patients Intervention Study.](#)

Bhatt DL, Fox K, Harrington RA, Leiter LA, Mehta SR, Simon T, Andersson M, Himmelmann A, Ridderstråle W, Held C, Steg PG; THEMIS Steering Committee.

Clin Cardiol. 2019 Feb 20. doi: 10.1002/clc.23164. [Epub ahead of print]

PMID: 30788847 [PubMed - as supplied by publisher]

[Comparison of the Effects of Glucagon-Like Peptide Receptor Agonists and Sodium-Glucose Co-Transporter 2 Inhibitors for Prevention of Major Adverse Cardiovascular and Renal Outcomes in Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis of Cardiovascular Outcomes Trials.](#)

Zelniker TA, Wiviott SD, Raz I, Im K, Goodrich EL, Furtado RHM, Bonaca MP, Mosenzon O, Kato ET, Cahn A, Bhatt DL, Leiter LA, McGuire DK, Wilding JPH, Sabatine MS.

Circulation. 2019 Feb 21. doi: 10.1161/CIRCULATIONAHA.118.038868. [Epub ahead of print]

PMID: 30786725 [PubMed - as supplied by publisher]

[Adiposity measures and their validity in estimating risk of hypertension in South Asian children: a cross-sectional study.](#)

Fowokan AO, Punthakee Z, Waddell C, Rosin M, Morrison KM, Gupta M, Teo K, Rangarajan S, Lear SA.
BMJ Open. 2019 Feb 20;9(2):e024087. doi: 10.1136/bmjopen-2018-024087.
PMID: 30787084 [PubMed - in process]

[A prospective study of postnatal depressive symptoms and associated risk factors in first-time fathers.](#)

Da Costa D, Danieli C, Abrahamowicz M, Dasgupta K, Sewitch M, Lowensteyn I, Zelkowitz P.
J Affect Disord. 2019 Feb 11;249:371-377. doi: 10.1016/j.jad.2019.02.033. [Epub ahead of print]
PMID: 30818245 [PubMed - as supplied by publisher]

[Effects of Sacubitril/Valsartan on Biomarkers of Extracellular Matrix Regulation in Patients With HFrEF.](#)

Zile MR, O'Meara E, Claggett B, Prescott MF, Solomon SD, Swedberg K, Packer M, McMurray JJV, Shi V, Lefkowitz M, Rouleau J.
J Am Coll Cardiol. 2019 Feb 26;73(7):795-806. doi: 10.1016/j.jacc.2018.11.042.
PMID: 30784673 [PubMed - in process]