

Update of Members' Publications
April 2017

[Regional Comparison of Multiphase Computed Tomographic Angiography and Computed Tomographic Perfusion for Prediction of Tissue Fate in Ischemic Stroke.](#)

d'Esterre CD, Trivedi A, Pordeli P, Boesen M, Patil S, Hwan Ahn S, Najm M, Fainardi E, Shankar JJ, Rubiera M, Almekhlafi MA, Mandzia J, Khaw AV, Barber P, Coutts S, Hill MD, Demchuk AM, Sajobi T, Forkert ND, Goyal M, Lee TY, Menon BK.
Stroke. 2017 Apr;48(4):939-945. doi: 10.1161/STROKEAHA.116.015969. Epub 2017 Mar 14.
PMID: 2829287

[CUA guideline on the management of cystic renal lesions.](#)

Richard PO, Violette PD, Jewett MA, Pouliot F, Leveridge M, So A, Whelan TF, Rendon R, Finelli A.
Can Urol Assoc J. 2017 Mar-Apr;11(3-4):E66-E73. doi: 10.5489/cuaj.4484. Epub 2017 Mar 16. No abstract available.
PMID: 28360949

[Time- and dose dependent actions of cardiotonic steroids on transcriptome and intracellular content of Na⁺ and K⁺: a comparative analysis.](#)

Klimanova EA, Tverskoi AM, Koltsova SV, Sidorenko SV, Lopina OD, Tremblay J, Hamet P, Kapilevich LV, Orlov SN.
Sci Rep. 2017 Mar 27;7:45403. doi: 10.1038/srep45403.
PMID: 28345607

[Evidence from single nucleotide polymorphism analyses of ADVANCE study demonstrates EFNB3 as a hypertension risk gene.](#)

Tremblay J, Wang Y, Raelson J, Marois-Blanchet FC, Wu Z, Luo H, Bradley E, Chalmers J, Woodward M, Harrap S, Hamet P, Wu J.
Sci Rep. 2017 Mar 8;7:44114. doi: 10.1038/srep44114.
PMID: 28272517

[Abnormal angiogenesis in blood outgrowth endothelial cells derived from von Willebrand disease patients.](#)

Selvam SN, Casey LJ, Bowman ML, Hawke LG, Longmore AJ, Mewburn J, Ormiston ML, Archer SL, Maurice DH, James P.
Blood Coagul Fibrinolysis. 2017 Mar 30. doi: 10.1097/MBC.0000000000000635. [Epub ahead of print]
PMID: 28362648

[Factors associated with antidiabetic medication non-adherence in patients with incident comorbid depression.](#)

Lunghi C, Zongo A, Moisan J, Grégoire JP, Guénette L.
J Diabetes Complications. 2017 Mar 12. pii: S1056-8727(16)30749-8. doi:
10.1016/j.jdiacomp.2017.02.016. [Epub ahead of print]
PMID: 28325698

[Using eHealth Technologies: Interests, Preferences, and Concerns of Older Adults.](#)

Ware P, Bartlett SJ, Paré G, Symeonidis I, Tannenbaum C, Bartlett G, Poissant L,
Ahmed S.
Interact J Med Res. 2017 Mar 23;6(1):e3. doi: 10.2196/ijmr.4447.
PMID: 28336506

[A truncating mutation in CEP55 is the likely cause of MARCH, a novel syndrome affecting neuronal mitosis.](#)

Frosk P, Arts HH, Philippe J, Gunn CS, Brown EL, Chodirker B, Simard L, Majewski J,
Fahiminiya S, Russell C, Liu YP; FORGE Canada Consortium.; Canadian Rare
Diseases: Models & Mechanisms Network,., Hegele R, Katsanis N, Goerz C, Del Bigio
MR, Davis EE.
J Med Genet. 2017 Mar 6. pii: jmedgenet-2016-104296. doi: 10.1136/jmedgenet-2016-
104296. [Epub ahead of print]
PMID: 28264986

[The Ontario Neurodegenerative Disease Research Initiative \(ONDRI\).](#)

Farhan SM, Bartha R, Black SE, Corbett D, Finger E, Freedman M, Greenberg B,
Grimes DA, Hegele RA, Hudson C, Kleinstiver PW, Lang AE, Masellis M, McIlroy WE,
McLaughlin PM, Montero-Odasso M, Munoz DG, Munoz DP, Strother S, Swartz RH,
Symons S, Tartaglia MC, Zinman L; ONDRI Investigators., Strong MJ.
Can J Neurol Sci. 2017 Mar;44(2):196-202. doi: 10.1017/cjn.2016.415. Epub 2016 Dec
22.
PMID: 28003035

[How do family physicians measure blood pressure in routine clinical practice? National survey of Canadian family physicians.](#)

Kaczorowski J, Myers MG, Gelfer M, Dawes M, Mang EJ, Berg A, Grande CD, Klujic D.
Can Fam Physician. 2017 Mar;63(3):e193-e199.
PMID: 28292817

[Validation of a Case Definition for Pediatric Brain Injury Using Administrative Data.](#)

McChesney-Corbeil J, Barlow K, Quan H, Chen G, Wiebe S, Jette N.
Can J Neurol Sci. 2017 Mar;44(2):161-169. doi: 10.1017/cjn.2016.419. Epub 2017 Jan
20.
PMID: 28103959

[Developmental origins of infant emotion regulation: Mediation by temperamental negativity and moderation by maternal sensitivity.](#)

Thomas JC, Letourneau N, Campbell TS, Tomfohr-Madsen L, Giesbrecht GF; APron Study Team..
Dev Psychol. 2017 Apr;53(4):611-628. doi: 10.1037/dev0000279.
PMID: 28333524

[Cyclooxygenase-2 Inhibition Limits Angiotensin II-Induced DNA Oxidation and Protein Nitration in Humans.](#)

Pialoux V, Poulin MJ, Hemmelgarn BR, Muruve DA, Chirico EN, Faes C, Sola DY, Ahmed SB.
Front Physiol. 2017 Mar 10;8:138. doi: 10.3389/fphys.2017.00138. eCollection 2017 Mar 10.
PMID: 28344559

[Should patients with higher blood pressure variability be excluded from validation studies? An assessment of the '12/8' rule.](#)

Padwal RS, McLean D, Ringrose J.
Blood Press Monit. 2017 Apr;22(2):112-114. doi: 10.1097/MBP.0000000000000235.
PMID: 28072598

[Time to Endovascular Thrombectomy for Acute Stroke-Reply.](#)

Saver JL, Goyal M, Hill MD; HERMES Collaborators..
JAMA. 2017 Mar 21;317(11):1175-1176. doi: 10.1001/jama.2017.0373. No abstract available.
PMID: 28324086

[Functional magnetic resonance imaging responses in CADASIL.](#)

Cheema I, Switzer AR, McCreary CR, Hill MD, Frayne R, Goodyear BG, Smith EE.
J Neurol Sci. 2017 Apr 15;375:248-254. doi: 10.1016/j.jns.2017.02.004. Epub 2017 Feb 3.
PMID: 28320141

[Regional Comparison of Multiphase Computed Tomographic Angiography and Computed Tomographic Perfusion for Prediction of Tissue Fate in Ischemic Stroke.](#)

d'Esteire CD, Trivedi A, Pordeli P, Boesen M, Patil S, Hwan Ahn S, Najm M, Fainardi E, Shankar JJ, Rubiera M, Almekhlafi MA, Mandzia J, Khaw AV, Barber P, Coutts S, Hill MD, Demchuk AM, Sajobi T, Forkert ND, Goyal M, Lee TY, Menon BK.
Stroke. 2017 Apr;48(4):939-945. doi: 10.1161/STROKEAHA.116.015969. Epub 2017 Mar 14.
PMID: 28292870

[Money is Brain: Financial Barriers and Consequences for Canadian Stroke Patients.](#)

Ganesh A, King-Shier K, Manns BJ, Hill MD, Campbell DJ.

Can J Neurol Sci. 2017 Mar;44(2):146-151. doi: 10.1017/cjn.2016.411. Epub 2016 Nov 21.

PMID: 27869051

[Lumbar Fusion for Degenerative Disease: A Systematic Review and Meta-Analysis.](#)

Yavin D, Casha S, Wiebe S, Feasby TE, Clark C, Isaacs A, Holroyd-Leduc J, Hurlbert RJ, Quan H, Nataraj A, Sutherland GR, Jette N.

Neurosurgery. 2017 Mar 17. doi: 10.1093/neuros/nyw162. [Epub ahead of print]

PMID: 28327997

[Validation of a Case Definition for Pediatric Brain Injury Using Administrative Data.](#)

McChesney-Corbeil J, Barlow K, Quan H, Chen G, Wiebe S, Jette N.

Can J Neurol Sci. 2017 Mar;44(2):161-169. doi: 10.1017/cjn.2016.419. Epub 2017 Jan 20.

PMID: 28103959

[The intensive care medicine clinical research agenda in paediatrics.](#)

Peters MJ, Argent A, Festa M, Leteurtre S, Piva J, Thompson A, Willson D, Tissières P, Tucci M, Lacroix J.

Intensive Care Med. 2017 Mar 17. doi: 10.1007/s00134-017-4729-9. [Epub ahead of print] Review.

PMID: 28315043

[Whole genome sequencing resource identifies 18 new candidate genes for autism spectrum disorder.](#)

C Yuen RK, Merico D, Bookman M, L Howe J, Thiruvahindrapuram B, Patel RV, Whitney J, Deflaux N, Bingham J, Wang Z, Pellecchia G, Buchanan JA, Walker S, Marshall CR, Uddin M, Zarrei M, Deneault E, D'Abate L, Chan AJ, Koyanagi S, Paton T, Pereira SL, Hoang N, Engchuan W, Higginbotham EJ, Ho K, Lamoureux S, Li W, MacDonald JR, Nalpathamkalam T, Sung WW, Tsoi FJ, Wei J, Xu L, Tasse AM, Kirby E, Van Etten W, Twigger S, Roberts W, Drmic I, Jilderda S, Modi BM, Kellam B, Szego M, Cytrynbaum C, Weksberg R, Zwaigenbaum L, Woodbury-Smith M, Brian J, Senman L, Iaboni A, Doyle-Thomas K, Thompson A, Chrysler C, Leef J, Savion-Lemieux T, Smith IM, Liu X, Nicolson R, Seifer V, Fedele A, Cook EH, Dager S, Estes A, Gallagher L, Malow BA, Parr JR, Spence SJ, Vorstman J, Frey BJ, Robinson JT, Strug LJ, Fernandez BA, Elsabbagh M, Carter MT, Hallmayer J, Knoppers BM, Anagnostou E, Szatmari P, Ring RH, Glazer D, Pletcher MT, Scherer SW.

Nat Neurosci. 2017 Apr;20(4):602-611. doi: 10.1038/nn.4524. Epub 2017 Mar 6.

PMID: 28263302

[Tracking the origins of the Kok effect, 70 years after its discovery.](#)

Tcherkez G, Gauthier P, Buckley TN, Busch FA, Barbour MM, Bruhn D, Heskell MA, Gong XY, Crous K, Griffin KL, Way DA, Turnbull MH, Adams MA, Atkin OK, Bender M, Farquhar GD, Cornic G.
New Phytol. 2017 Apr;214(2):506-510. doi: 10.1111/nph.14527. No abstract available.
PMID: 28318034

[Walking football as sustainable exercise for older adults - A pilot investigation.](#)

Reddy P, Dias I, Holland C, Campbell N, Nagar I, Connolly L, Krustup P, Hubball H.
Eur J Sport Sci. 2017 Mar 19;1-8. doi: 10.1080/17461391.2017.1298671. [Epub ahead of print]
PMID: 28316258

[Development of the Brussels Infant and Toddler Stool Scale \('BITSS'\): protocol of the study.](#)

Vandenplas Y, Szajewska H, Benninga M, Di Lorenzo C, Dupont C, Faure C, Miqdadi M, Osatakul S, Ribes-Konickx C, Saps M, Shamir R, Staiano A; BITSS Study Group.
BMJ Open. 2017 Mar 29;7(3):e014620. doi: 10.1136/bmjopen-2016-014620.
PMID: 28360250

[How do family physicians measure blood pressure in routine clinical practice? National survey of Canadian family physicians.](#)

Kaczorowski J, Myers MG, Gelfer M, Dawes M, Mang EJ, Berg A, Grande CD, Kljucic D.
Can Fam Physician. 2017 Mar;63(3):e193-e199.
PMID: 28292817

[Gamma Delta T Cells Mediate Angiotensin II-Induced Hypertension and Vascular Injury.](#)

Caillon A, Mian MO, Fraulob-Aquino JC, Huo KG, Barhouni T, Ouerd S, Sinnaeve PR, Paradis P, Schiffrin EL.
Circulation. 2017 Mar 22. pii: CIRCULATIONAHA.116.027058. doi: 10.1161/CIRCULATIONAHA.116.027058. [Epub ahead of print]
PMID: 28330983

[Understanding the science that supports population-wide salt reduction programs.](#)

Webster J, Waqanivalu T, Arcand J, Trieu K, Cappuccio FP, Appel LJ, Woodward M, Campbell NR, McLean R.
J Clin Hypertens (Greenwich). 2017 Mar 27. doi: 10.1111/jch.12994. [Epub ahead of print] No abstract available.
PMID: 28349642

[Circulating adiponectin levels in relation to carotid atherosclerotic plaque presence, ischemic stroke risk, and mortality: A systematic review and meta-analyses.](#)

Gorgui J, Gasbarrino K, Georgakis MK, Karalexi MA, Nauche B, Petridou ET, Daskalopoulou SS.
Metabolism. 2017 Apr;69:51-66. doi: 10.1016/j.metabol.2017.01.002. Epub 2017 Jan 6.
PMID: 28285652

[Decreased Adiponectin-Mediated Signaling Through the AdipoR2 Pathway Is Associated With Carotid Plaque Instability.](#)

Gasbarrino K, Zheng H, Hafiane A, Veinot JP, Lai C, Daskalopoulou SS.
Stroke. 2017 Apr;48(4):915-924. doi: 10.1161/STROKEAHA.116.015145. Epub 2017 Mar 3.
PMID: 28258256

[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, Gubitza G, Campbell NR, Moe GW, Howlett JG, Boulanger JM, Prebtani A, Larochelle 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

[Circulating adiponectin levels in relation to carotid atherosclerotic plaque presence, ischemic stroke risk, and mortality: A systematic review and meta-analyses.](#)

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PMID: 28072598

[Time- and dose dependent actions of cardiotonic steroids on transcriptome and intracellular content of Na⁺ and K⁺: a comparative analysis.](#)

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PMID: 28345607

[Evidence from single nucleotide polymorphism analyses of ADVANCE study demonstrates EFNB3 as a hypertension risk gene.](#)

Tremblay J, Wang Y, Raelson J, Marois-Blanchet FC, Wu Z, Luo H, Bradley E, Chalmers J, Woodward M, Harrap S, Hamet P, Wu J. Sci Rep. 2017 Mar 8;7:44114. doi: 10.1038/srep44114.
PMID: 28272517

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Caillon A, Mian MO, Fraulob-Aquino JC, Huo KG, Barhoumi T, Ouerd S, Sinnaeve PR, Paradis P, Schiffrin EL. Circulation. 2017 Mar 22. pii: CIRCULATIONAHA.116.027058. doi: 10.1161/CIRCULATIONAHA.116.027058. [Epub ahead of print]
PMID: 28330983

[Nicotinamide Phosphoribosyltransferase in Smooth Muscle Cells Maintains Genome Integrity, Resists Aortic Medial Degeneration and Is Suppressed in Human Thoracic Aortic Aneurysm Disease.](#)

Watson A, Nong Z, Yin H, O'Neil C, Fox S, Balint B, Guo R, Leo O, Chu MW, Gros R, Pickering JG. Circ Res. 2017 Mar 29. pii: CIRCRESAHA.116.310022. doi: 10.1161/CIRCRESAHA.116.310022. [Epub ahead of print]
PMID: 28356339

[A process evaluation plan for assessing a complex community-based maternal health intervention in Ogun State, Nigeria.](#)

Sharma S, Adetoro OO, Vidler M, Drebit S, Payne BA, Akeju DO, Adepoju A, Jaiyesimi E, Sotunsa J, Bhutta ZA, Magee LA, von Dadelszen P, Dada O.
BMC Health Serv Res. 2017 Mar 28;17(1):238. doi: 10.1186/s12913-017-2124-4.
PMID: 28351355

[A systematic review and meta-analysis of randomized controlled trials of the effect of konjac glucomannan, a viscous soluble fiber, on LDL cholesterol and the new lipid targets non-HDL cholesterol and apolipoprotein B.](#)

Ho HV, Jovanovski E, Zurbau A, Blanco Mejia S, Sievenpiper JL, Au-Yeung F, Jenkins AL, Duvnjak L, Leiter L, Vuksan V.
Am J Clin Nutr. 2017 Mar 29. pii: ajcn142158. doi: 10.3945/ajcn.116.142158. [Epub ahead of print]
PMID: 28356275

[Diabetes for Cardiologists: Practical Issues in Diagnosis and Management.](#)

Mancini GB, Cheng AY, Connelly K, Fitchett D, Goldenberg R, Goodman SG, Leiter LA, Lonn E, Paty B, Poirier P, Stone J, Thompson D, Yale JF.
Can J Cardiol. 2017 Mar;33(3):366-377. doi: 10.1016/j.cjca.2016.07.512. Epub 2016 Jul 26. Review.
PMID: 28340996

[Cross-sectional associations between dietary intake and carotid intima media thickness in type 2 diabetes: baseline data from a randomised trial.](#)

Chiavaroli L, Mirrahimi A, Ireland C, Mitchell S, Sahye-Pudaruth S, Coveney J, Olowoyeye O, Patel D, de Souza RJ, Augustin LS, Bashyam B, Pichika SC, Blanco Mejia S, Nishi SK, Leiter LA, Josse RG, McKeown-Eyssen GE, Moody AR, Kendall CW, Sievenpiper JL, Jenkins DJ.
BMJ Open. 2017 Mar 22;7(3):e015026. doi: 10.1136/bmjopen-2016-015026.
PMID: 28336747

[Proximal Tubulopathy: Prime Mover and Key Therapeutic Target in Diabetic Kidney Disease.](#)

Gilbert RE.
Diabetes. 2017 Apr;66(4):791-800. doi: 10.2337/db16-0796.
PMID: 28325740

[Gynecomastia in Infants, Children, and Adolescents.](#)

Leung AK, Leung AA.
Recent Pat Endocr Metab Immune Drug Discov. 2017 Mar 1. doi: 10.2174/1872214811666170301124033. [Epub ahead of print]
PMID: 28260521

[Time-Varying Association of Individual BP Components with eGFR in Late-Stage CKD.](#)

Sood MM, Akbari A, Manuel D, Ruzicka M, Hiremath S, Zimmerman D, McCormick B, Taljaard M.

Clin J Am Soc Nephrol. 2017 Mar 29. pii: CJN.05640516. doi: 10.2215/CJN.05640516.

[Epub ahead of print]

PMID: 28356338

[Endoluminal dilatation for embedded hemodialysis catheters: A case-control study of factors associated with embedding and clinical outcomes.](#)

Talreja H, Ryan SE, Graham J, Sood MM, Hadziomerovic A, Clark E, Hiremath S.

PLoS One. 2017 Mar 27;12(3):e0174061. doi: 10.1371/journal.pone.0174061.

eCollection 2017 Mar 27.

PMID: 28346468

[Physical Activity in Patients Treated With Peritoneal Dialysis: A Protocol for a Systematic Review.](#)

Thangarasa T, Imtiaz R, Hiremath S, Zimmerman D.

Can J Kidney Health Dis. 2017 Mar 6;4:2054358117695793. doi:

10.1177/2054358117695793. eCollection 2017 Mar 6.

PMID: 28321327

[An Investigation of the Overlap Between the ICECAP-A and Five Preference-Based Health-Related Quality of Life Instruments.](#)

Engel L, Mortimer D, Bryan S, Lear SA, Whitehurst DG.

Pharmacoeconomics. 2017 Mar 24. doi: 10.1007/s40273-017-0491-7. [Epub ahead of print]

PMID: 28342112