

Update of Members' Publications  
March 2018

[Exploration of association rule mining for coding consistency and completeness assessment in inpatient administrative health data.](#)

Peng M, Sundararajan V, Williamson T, Minty EP, Smith TC, Doktorchik CTA, Quan H. J Biomed Inform. 2018 Feb 6. pii: S1532-0464(18)30013-3. doi: 10.1016/j.jbi.2018.02.001. [Epub ahead of print]  
PMID: 29425732

[Influence of the workplace on physical activity and cardiometabolic health: Results of the multi-centre cross-sectional Champlain Nurses' study.](#)

Reed JL, Prince SA, Pipe AL, Attallah S, Adamo KB, Tulloch HE, Manuel D, Mullen KA, Fodor JG, Reid RD. Int J Nurs Stud. 2018 Feb 13;81:49-60. doi: 10.1016/j.ijnurstu.2018.02.001.  
PMID: 29499395

[Secondary stroke prevention services in Canada: a cross-sectional survey and geospatial analysis of resources, capacity and geographic access.](#)

Jewett L, Harroud A, Hill MD, Côté R, Wein T, Smith EE, Gubitz G, Demchuk AM, Sahlas DJ, Gladstone DJ, Lindsay MP. CMAJ Open. 2018 Feb 21;6(1):E95-E102. doi: 10.9778/cmajo.20170130.  
PMID: 29472251

[Defining CT Perfusion Thresholds for Infarction in the Golden Hour and With Ultra-Early Reperfusion.](#)

Najm M, Al-Ajlan FS, Boesen ME, Hur L, Kim CK, Fainardi E, Hill MD, Demchuk AM, Goyal M, Lee TY, Menon BK. Can J Neurol Sci. 2018 Feb 19;1-4. doi: 10.1017/cjn.2017.287.  
PMID: 29455683

[The Development of an in-situ Thoracic Surgery Crisis Simulation focused on Non-Technical Skill Training.](#)

Bierer J, Memu E, Leeper R, Fortin D, Fréchette E, Inculet R, Malthaner R. Ann Thorac Surg. 2018 Feb 27. pii: S0003-4975(18)30241-8. doi: 10.1016/j.athoracsur.2018.01.058.  
PMID: 29499178

[Report of the Standardized Outcomes in Nephrology-Hemodialysis \(SONG-HD\) Consensus Workshop on Establishing a Core Outcome Measure for Hemodialysis Vascular Access.](#)

Viecelli AK, Tong A, O'Lone E, Ju A, Hanson CS, Sautenet B, Craig JC, Manns B, Howell M, Chemla E, Hooi LS, Johnson DW, Lee T, Lok CE, Polkinghorne KR, Quinn RR, Vachharajani T, Vanholder R, Zuo L, Hawley CM; SONG-HD Vascular Access Workshop Investigators.

Am J Kidney Dis. 2018 Feb 22. pii: S0272-6386(18)30005-2. doi:

10.1053/j.ajkd.2017.12.003.

PMID: 29478866

[Scope and Consistency of Outcomes Reported in Randomized Trials Conducted in Adults Receiving Hemodialysis: A Systematic Review.](#)

Sautenet B, Tong A, Williams G, Hemmelgarn BR, Manns B, Wheeler DC, Tugwell P, van Biesen W, Winkelmayr WC, Crowe S, Harris T, Evangelidis N, Hawley CM, Pollock C, Johnson DW, Polkinghorne KR, Howard K, Gallagher MP, Kerr PG, McDonald SP, Ju A, Craig JC.

Am J Kidney Dis. 2018 Feb 21. pii: S0272-6386(17)31129-0. doi:

10.1053/j.ajkd.2017.11.010.

PMID: 29475768

[Reproducibility of clinical research in critical care: a scoping review.](#)

Niven DJ, McCormick TJ, Straus SE, Hemmelgarn BR, Jeffs L, Barnes TRM, Stelfox HT.

BMC Med. 2018 Feb 21;16(1):26. doi: 10.1186/s12916-018-1018-6.

PMID: 29463308

[Patient navigators for people with chronic disease: A systematic review.](#)

McBrien KA, Ivers N, Barnieh L, Bailey JJ, Lorenzetti DL, Nicholas D, Tonelli M, Hemmelgarn B, Lewanczuk R, Edwards A, Braun T, Manns B.

PLoS One. 2018 Feb 20;13(2):e0191980. doi: 10.1371/journal.pone.0191980.

eCollection 2018.

PMID: 29462179

[Patient-reported Outcomes, Resource Use, and Social Participation of Patients with Rheumatoid Arthritis Treated with Biologics in Alberta: Experience of Indigenous and Non-indigenous Patients.](#)

Barnabe C, Crane L, White T, Hemmelgarn B, Kaplan GG, Martin L, Maksymowych WP. J Rheumatol. 2018 Feb 15. pii: jrheum.170778. doi: 10.3899/jrheum.170778.

PMID: 29449496

[Association Between Severity of Depression and Cardiac Risk Factors Among Women Referred to a Cardiac Rehabilitation and Prevention Clinic.](#)

Bhardwaj M, Price J, Landry M, Harvey P, Hensel JM.

J Cardiopulm Rehabil Prev. 2018 Feb 26. doi: 10.1097/HCR.0000000000000311.

PMID: 29485527

[Gaps in Diagnosis and Treatment of Cardiovascular Risk Factors in Patients with Psoriatic Disease: An International Multicenter Study.](#)

Eder L, Harvey P, Chandran V, Rosen CF, Dutz J, Elder JT, Rahman P, Ritchlin CT, Rohekar S, Hayday R, Barac S, Feld J, Zisman D, Gladman DD.

J Rheumatol. 2018 Mar;45(3):378-384. doi: 10.3899/jrheum.170379. Epub 2018 Feb 1.

PMID: 29419462

[Patient navigators for people with chronic disease: A systematic review.](#)

McBrien KA, Ivers N, Barnieh L, Bailey JJ, Lorenzetti DL, Nicholas D, Tonelli M, Hemmelgarn B, Lewanczuk R, Edwards A, Braun T, Manns B.

PLoS One. 2018 Feb 20;13(2):e0191980. doi: 10.1371/journal.pone.0191980.

eCollection 2018.

PMID: 29462179

[Early life nutrition, glycemic and anthropometric profiles of children exposed to gestational diabetes mellitus in utero.](#)

Dugas C, Kearney M, Mercier R, Perron J, Tchernof A, Marc I, Weisnagel SJ, Robitaille J. Early Hum Dev. 2018 Feb 16;118:37-41. doi: 10.1016/j.earlhumdev.2018.02.004. No abstract available.

PMID: 29459222

[A Newly Discovered Antifibrotic Pathway Regulated by Two Fatty Acid Receptors: GPR40 and GPR84.](#)

Gagnon L, Leduc M, Thibodeau JF, Zhang MZ, Grouix B, Sarra-Bournet F, Gagnon W, Hince K, Tremblay M, Geerts L, Kennedy CRJ, Hébert RL, Gutsol A, Holterman CE, Kamto E, Gervais L, Ouboudinar J, Richard J, Felton A, Laverdure A, Simard JC, Létourneau S, Cloutier MP, Leblond FA, Abbott SD, Penney C, Duceppe JS, Zacharie B, Dupuis J, Calderone A, Nguyen QT, Harris RC, Laurin P.

Am J Pathol. 2018 Feb 15. pii: S0002-9440(17)30804-0. doi:

10.1016/j.ajpath.2018.01.009.

PMID: 29454750

[Application of strict criteria in adrenal venous sampling increases the proportion of missed patients with unilateral disease who benefit from surgery for primary aldosteronism.](#)

Kline G, Leung A, So B, Chin A, Harvey A, Pasiaka JL.  
J Hypertens. 2018 Feb 20. doi: 10.1097/HJH.0000000000001693.  
PMID: 29465715

[The impact of unrecorded readings on the precision and diagnostic performance of home blood pressure monitoring: a statistical study.](#)

Rinfret F, Ouattara F, Cloutier L, Larochelle P, Ilinca M, Lamarre-Cliche M.  
J Hum Hypertens. 2018 Feb 21. doi: 10.1038/s41371-018-0040-7.  
PMID: 29467411

[Household air pollution and measures of blood pressure, arterial stiffness and central haemodynamics.](#)

Baumgartner J, Carter E, Schauer JJ, Ezzati M, Daskalopoulou SS, Valois MF, Shan M, Yang X.  
Heart. 2018 Feb 9. pii: heartjnl-2017-312595. doi: 10.1136/heartjnl-2017-312595.  
PMID: 29440184

[Inequalities in the use of secondary prevention of cardiovascular disease by socioeconomic status: evidence from the PURE observational study.](#)

Murphy A, Palafox B, O'Donnell O, Stuckler D, Perel P, AlHabib KF, Avezum A, Bai X, Chifamba J, Chow CK, Corsi DJ, Dagenais GR, Dans AL, Diaz R, Erbakan AN, Ismail N, Iqbal R, Kelishadi R, Khatib R, Lanus F, Lear SA, Li W, Liu J, Lopez-Jaramillo P, Mohan V, Monsef N, Mony PK, Puoane T, Rangarajan S, Rosengren A, Schutte AE, Sintaha M, Teo KK, Wielgosz A, Yeates K, Yin L, Yusoff K, Zatońska K, Yusuf S, McKee M.  
Lancet Glob Health. 2018 Mar;6(3):e292-e301. doi: 10.1016/S2214-109X(18)30031-7.  
PMID: 29433667

[The impact of unrecorded readings on the precision and diagnostic performance of home blood pressure monitoring: a statistical study.](#)

Rinfret F, Ouattara F, Cloutier L, Larochelle P, Ilinca M, Lamarre-Cliche M.  
J Hum Hypertens. 2018 Feb 21. doi: 10.1038/s41371-018-0040-7.  
PMID: 29467411

[Cardiac-specific inducible over-expression of human Plasma Membrane Ca<sup>2+</sup> ATPase 4b is cardioprotective and improves survival in mice following ischemic injury.](#)

Sadi AM, Afroze T, Siraj MA, Momen A, White-Dzuro C, Zarrin-Khat D, Handa S, Ban K, Kabir MG, Trivieri MG, Gros R, Backx P, Husain M.  
Clin Sci (Lond). 2018 Feb 27. pii: CS20171337. doi: 10.1042/CS20171337.  
PMID: 29487197

[Drug discontinuation before contrast procedures and the effect on acute kidney injury and other clinical outcomes: a systematic review protocol.](#)

Hiremath S, Kayibanda JF, Chow BJW, Fergusson D, Knoll GA, Shabana W, Lahey B, McBride O, Davis A, Akbari A.  
Syst Rev. 2018 Feb 21;7(1):34. doi: 10.1186/s13643-018-0701-1.  
PMID: 29467030

[Interventions to prevent hemodynamic instability during renal replacement therapy in critically ill patients: a systematic review.](#)

Douvrin A, Malhi G, Hiremath S, McIntyre L, Silver SA, Bagshaw SM, Wald R, Ronco C, Sikora L, Weber C, Clark EG.  
Crit Care. 2018 Feb 22;22(1):41. doi: 10.1186/s13054-018-1965-5.  
PMID: 29467008

[Towards better blood pressure: Do non-pharmacological strategies provide the right path?](#)

Hiremath S.  
J Clin Hypertens (Greenwich). 2018 Feb 15. doi: 10.1111/jch.13215. No abstract available.  
PMID: 29450957

[Effects of Canagliflozin Versus Glimepiride on Adipokines and Inflammatory Biomarkers in Type 2 Diabetes.](#)

Timothy Garvey W, Van Gaal L, Leiter LA, Vijapurkar U, List J, Cuddihy R, Ren J, Davies MJ.  
Metabolism. 2018 Feb 13. pii: S0026-0495(18)30041-6. doi: 10.1016/j.metabol.2018.02.002.  
PMID: 29452178

[Alirocumab versus usual lipid-lowering care as add-on to statin therapy in individuals with type 2 diabetes and mixed dyslipidaemia: The ODYSSEY DM-DYSLIPIDEMIA randomized trial.](#)

Ray KK, Leiter LA, Müller-Wieland D, Cariou B, Colhoun HM, Henry RR, Tinahones FJ, Bujas-Bobanovic M, Domenger C, Letierce A, Samuel R, Del Prato S.  
Diabetes Obes Metab. 2018 Feb 13. doi: 10.1111/dom.13257.  
PMID: 29436756

[Metabolic Surgery: Weight Loss, Diabetes, and Beyond.](#)

Pareek M, Schauer PR, Kaplan LM, Leiter LA, Rubino F, Bhatt DL.  
J Am Coll Cardiol. 2018 Feb 13;71(6):670-687. doi: 10.1016/j.jacc.2017.12.014.  
Review.  
PMID: 29420964

[Influence of the workplace on physical activity and cardiometabolic health: Results of the multi-centre cross-sectional Champlain Nurses' study.](#)

Reed JL, Prince SA, Pipe AL, Attallah S, Adamo KB, Tulloch HE, Manuel D, Mullen KA, Fodor JG, Reid RD.  
Int J Nurs Stud. 2018 Feb 13;81:49-60. doi: 10.1016/j.ijnurstu.2018.02.001.  
PMID: 29499395

[Assessment of the fullPIERS Risk Prediction Model in Women With Early-Onset Preeclampsia.](#)

Ukah UV, Payne B, Hutcheon JA, Ansermino JM, Ganzevoort W, Thangaratinam S, Magee LA, Dadelszen PV.  
Hypertension. 2018 Feb 12. pii: HYPERTENSIONAHA.117.10318. doi: 10.1161/HYPERTENSIONAHA.117.10318.  
PMID: 29440330

[The impact of unrecorded readings on the precision and diagnostic performance of home blood pressure monitoring: a statistical study.](#)

Rinfret F, Ouattara F, Cloutier L, Larochelle P, Ilinca M, Lamarre-Cliche M.  
J Hum Hypertens. 2018 Feb 21. doi: 10.1038/s41371-018-0040-7.  
PMID: 29467411

[Epigenetic Dysregulation of the Drp1 Binding Partners MiD49 and MiD51 Increases Mitotic Mitochondrial Fission and Promotes Pulmonary Arterial Hypertension: Mechanistic and Therapeutic Implications.](#)

Chen KH, Dasgupta A, Lin J, Potus F, Bonnet S, Iremonger J, Fu J, Mewburn J, Wu D,

Dunham-Snary K, Theilmann AL, Jing ZC, Hindmarch C, Ormiston ML, Lawrie A, Archer SL.

Circulation. 2018 Feb 5. pii: CIRCULATIONAHA.117.031258. doi: 10.1161/CIRCULATIONAHA.117.031258.

PMID: 29431643

[Global Impact of the 2017 American College of Cardiology/American Heart Association Hypertension Guidelines: A Perspective From Canada.](#)

Schiffrin EL.

Circulation. 2018 Feb 27;137(9):883-885. doi:

10.1161/CIRCULATIONAHA.117.032849. No abstract available.

PMID: 29483168