

## Update of Members' Publications August 2016

[2016 Dietary Salt Fact Sheet and Call to Action: The World Hypertension League, International Society of Hypertension, and the International Council of Cardiovascular Prevention and Rehabilitation.](#)

Campbell NR, Lackland DT, Niebylski ML, Orias M, Redburn KA, Nilsson PM, Zhang XH, Burrell L, Horiuchi M, Poulter NR, Prabhakaran D, Ramirez AJ, Schiffrin EL, Schutte AE, Touyz RM, Wang JG, Weber MA; International Council of Cardiovascular Prevention and Rehabilitation.

J Clin Hypertens (Greenwich). 2016 Aug 12. doi: 10.1111/jch.12894. [Epub ahead of print] No abstract available.

PMID: 27515460

[\[Étude SPRINT : Données probantes sur les cibles précises de la tension artérielle\].](#)

Allan GM, Garrison S, Padwal R.

Can Fam Physician. 2016 Aug;62(8):e437-8. French. No abstract available.

PMID: 27521407

[SPRINT to evidence for specific blood pressure targets.](#)

Michael Allan G, Garrison S, Padwal R

Can Fam Physician. 2016 Aug;62(8):638. No abstract available.

PMID: 27521391

[Automated Office Blood Pressure-Incorporating SPRINT Into Clinical Practice.](#)

Myers MG.

Am J Hypertens. 2016 Aug 22. pii: hpw086. [Epub ahead of print] Review. No abstract available.

PMID: 27551025

[Cardiovascular Risk in Hypertension in Relation to Achieved Blood Pressure Using Automated Office Blood Pressure Measurement.](#)

Myers MG, Kaczorowski J, Dolovich L, Tu K, Paterson JM.

Hypertension. 2016 Aug 15. pii: HYPERTENSIONAHA.116.07721.

PMID: 27528062

[OP.4C.10\] CLINICALLY IMPORTANT DIFFERENCES IN SYSTOLIC AMBULATORY BLOOD PRESSURE IN PATIENTS SWITCHED BETWEEN ALTERNATE NIFEDIPINE OSMOTIC DELIVERY FORMULATIONS.](#)

Pollak PT, Herman RJ, Feldman RD.

J Hypertens. 2016 Sep;34 Suppl 2:e49-50. doi: 10.1097/01.hjh.0000491466.50734.fe.

PMID: 27508715

[Environmental Risk Factors and Type 1 Diabetes: Past, Present, and Future.](#)

Butalia S, Kaplan GG, Khokhar B, Rabi DM.

Can J Diabetes. 2016 Aug 18. pii: S1499-2671(15)30052-6. doi: 10.1016/j.jcjd.2016.05.002.

PMID: 27545597

[Systematic review of validated case definitions for diabetes in ICD-9-coded and ICD-10-coded data in adult populations.](#)

Khokhar B, Jette N, Metcalfe A, Cunningham CT, Quan H, Kaplan GG, Butalia S, Rabi D.  
BMJ Open. 2016 Aug 5;6(8):e009952. doi: 10.1136/bmjopen-2015-009952. PMID: 27496226

[Extracellular fluid management and hypertension in urban dwelling versus rural dwelling hemodialysis patients.](#)

Tonelli M, Lloyd A, Pannu N, Klarenbach S, Ravani P, Jindal K, MacRae J, Unsworth L, Manns B, Hemmelgarn B  
J Nephrol. 2016 Aug 23.  
PMID: 27553110

[Prevalence of Barriers and Facilitators to Enhancing Conservative Kidney Management for Older Adults in the Primary Care Setting.](#)

Tam-Tham H, King-Shier KM, Thomas CM, Quinn RR, Fruetel K, Davison SN, Hemmelgarn BR.  
Clin J Am Soc Nephrol. 2016 Aug 22. pii: CJN.04510416.  
PMID: 27551007

[A randomized controlled trial comparing in-person and wiki-inspired nominal group techniques for engaging stakeholders in chronic kidney disease research prioritization.](#)

Elliott MJ, Straus SE, Pannu N, Ahmed SB, Laupacis A, Chong GC, Hillier DR, Huffman KT, Lei AC, Villanueva BV, Young DM, Tam-Tham H, Donald M, Lillie E, Manns BJ, Hemmelgarn BR.  
BMC Med Inform Decis Mak. 2016 Aug 24;16:113. doi: 10.1186/s12911-016-0351-y.  
PMID: 27553026

[Influence of Using Different Databases and 'Look Back' Intervals to Define Comorbidity Profiles for Patients with Newly Diagnosed Hypertension: Implications for Health Services Researchers.](#)

Chen G, Lix L, Tu K, Hemmelgarn BR, Campbell NR, McAlister FA, Quan H; Hypertension Outcome and Surveillance Team.  
PLoS One. 2016 Sep 1;11(9):e0162074. doi: 10.1371/journal.pone.0162074. eCollection 2016.  
PMID: 27583532 [PubMed - in process] **Free Article**

[Claims for disease-modifying therapy by Alberta non-insured health benefits clients.](#)

Barnabe C, Healy B, Portolesi A, Kaplan GG, Hemmelgarn B, Weaselhead C.  
BMC Health Serv Res. 2016 Aug 24;16(1):430. doi: 10.1186/s12913-016-1685-y.  
PMID: 27557840 [PubMed - in process] **Free PMC Article**

[Age at menopause and duration of reproductive period in association with dementia and cognitive function: A systematic review and meta-analysis.](#)

Georgakis MK, Kalogirou EI, Diamantaras AA, Daskalopoulou SS, Munro CA, Lyketsos CG, Skalkidou A, Petridou ET.  
Psychoneuroendocrinology. 2016 Aug 3;73:224-243. doi: 10.1016/j.psyneuen.2016.08.003.  
PMID: 27543884

[Hypertension in Russia: Changes Observed After 4 Years of a Comprehensive Health System Improvement Program in the Yaroslavl Region.](#)

Mozheyko M, Eregin S, Danilenko N, Vigdorichik A, Tobe SW, Campbell N, McLean D, Baskakova Z, Klimovskaia I, Ramanathan K, Hughes D.  
J Clin Hypertens (Greenwich). 2016 Aug 17. doi: 10.1111/jch.12885  
PMID: 27534595

[The Cost Implications of Less Tight Versus Tight Control of Hypertension in Pregnancy \(CHIPS Trial\).](#)

Ahmed RJ, Gafni A, Hutton EK, Hu ZJ, Pullenayegum E, von Dadelszen P, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez JJ, Ganzevoort W, Helewa M, Lee SK, Lee T, Logan AG, Moutquin JM, Singer J, Thornton JG, Welch R, Magee LA; CHIPS Trial Collaborative Group.  
Hypertension. 2016 Aug 22. pii: HYPERTENSIONAHA.116.07466.  
PMID: 27550914

[Getting to Lower Systolic Blood Pressure: Beyond Antihypertensive Therapy.](#)

Khan NA.  
Ann Intern Med. 2016 Aug 16. doi: 10.7326/M16-1421. [Epub ahead of print] No abstract available.  
PMID: 27537098

[Assessing the effect of culturally specific audiovisual educational interventions on attaining self-management skills for chronic obstructive pulmonary disease in Mandarin- and Cantonese-speaking patients: a randomized controlled trial.](#)

Poureslami I, Kwan S, Lam S, Khan NA, FitzGerald JM.  
Int J Chron Obstruct Pulmon Dis. 2016 Aug 3;11:1811-22. doi: 10.2147/COPD.S105408. eCollection 2016.  
PMID: 27536093

[Ten-Year Outcomes After Coronary Artery Bypass Grafting According to Age in Patients With Heart Failure and Left Ventricular Systolic Dysfunction: An Analysis of the Extended Follow-Up of the STICH Trial \(Surgical Treatment for Ischemic Heart Failure\).](#)

STICH Trial Investigators, Petrie MC, Jhund PS, She L, Adlbrecht C, Doenst T, Panza JA, Hill JA, Lee KL, Rouleau JL, Prior DL, Ali IS, Maddury J, Golba KS, White HD, Carson PE, Chrzanowski L, Romanov A, Miller AB, Velazquez EJ.  
Circulation. 2016 Aug 29. pii: CIRCULATIONAHA.116.024800.  
PMID: 27573034

[A Six-Month Cognitive-Motor and Aerobic Exercise Program Improves Executive Function in Persons with an Objective Cognitive Impairment: A Pilot Investigation Using the Antisaccade Task.](#)

Heath M, Weiler J, Gregory MA, Gill DP, Petrella RJ.  
J Alzheimers Dis. 2016 Aug 10.  
PMID: 27567829

[Impact of self-reported lifetime depression or anxiety on effectiveness of mass distribution of nicotine patches.](#)

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Tob Control. 2016 Aug 19. pii: tobaccocontrol-2016-052994. doi: 10.1136/tobaccocontrol-2016-052994.  
PMID: 27543563

[Cerebral Microbleeds and Cortical Superficial Siderosis in Patients Presenting With Minor Cerebrovascular Events.](#)

Zerna C, Modi J, Bilston L, Shoamanesh A, Coutts SB, Smith EE.  
Stroke. 2016 Sep;47(9):2236-41. doi: 10.1161/STROKEAHA.116.013418. Epub 2016 Aug 9.  
PMID: 2750786

[A tale of 2 cousins: An atypical and a typical case of abetalipoproteinemia.](#)

Paquette M, Dufour R, Hegele RA, Baass A.

J Clin Lipidol. 2016 Jul-Aug;10(4):1030-4. doi: 10.1016/j.jacl.2016.01.003. Epub 2016 Feb 13.  
PMID: 27578136

[PCSK9: Regulation and Target for Drug Development for Dyslipidemia.](#)

Burke AC, Dron JS, Hegele RA, Huff MW.  
Annu Rev Pharmacol Toxicol. 2016 Aug 8  
PMID: 27575716

[The Impact of Blood Pressure and Visceral Adiposity on the Association of Serum Uric Acid With Albuminuria in Adults Without Full Metabolic Syndrome.](#)

Krajcoviechova A, Tremblay J, Wohlfahrt P, Bruthans J, Tahir MR, Hamet P, Cifkova R.  
Am J Hypertens. 2016 Aug 26. pii: hpw098.  
PMID: 27565787

[Reduced blood pressure after smooth muscle EFNB2 deletion and the potential association of EFNB2 mutation with human hypertension risk.](#)

Wang Y, Hamet P, Thorin E, Tremblay J, Raelson J, Wu Z, Luo H, Jin W, Lavoie JL, Peng J, Marois-Blanchet FC, Tahir MR, Chalmers J, Woodward M, Harrap S, Qi S, Li CY, Wu J.  
Eur J Hum Genet. 2016 Aug 17. doi: 10.1038/ejhg.2016.105.  
PMID: 27530629

[Adequate intake of potassium does not cause hyperkalemia in hypertensive individuals taking medications that antagonize the renin angiotensin aldosterone system.](#)

Malta D, Arcand J, Ravindran A, Floras V, Allard JP, Newton GE.  
Am J Clin Nutr. 2016 Aug 31. pii: ajcn129635.  
PMID: 27581475

[Age- and sex-related changes in rat renal function and pathology following neonatal hyperoxia exposure.](#)

Sutherland MR, Béland C, Lukaszewski MA, Cloutier A, Bertagnolli M, Nuyt AM.  
Physiol Rep. 2016 Aug;4(15). pii: e12887. doi: 10.14814/phy2.12887  
PMID: 27528005

[Knowledge translation of an online tool to determine candidacy for epilepsy surgery evaluation.](#)

Sauro KM, Holroyd-Leduc J, Wiebe S, Quan H, Cooke L, Cross JH, Mathern GW, Armson H, Stromer J, Jetté N.  
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PMID: 27574569

[Utilization Patterns of Topical Intranasal Steroid Therapy for Chronic Rhinosinusitis: A Canadian Population-Based Analysis.](#)

Rudmik L, Xu Y, Liu M, Bird C, Kukec E, Quan H.  
JAMA Otolaryngol Head Neck Surg. 2016 Aug 25. doi: 10.1001/jamaoto.2016.1110.  
PMID: 27560503

[Development and validation of method for defining conditions using Chinese electronic medical record.](#)

Xu Y, Li N, Lu M, Myers RP, Dixon E, Walker R, Sun L, Zhao X, Quan H.  
BMC Med Inform Decis Mak. 2016 Aug 20;16:110. doi: 10.1186/s12911-016-0348-6.  
PMID: 27542973

[Overtreatment of Low-Risk Patients With Atrial Fibrillation-The Quality Coin Has 2 Sides.](#)

McAlister FA.

AMA Cardiol . 2016 Aug 17. doi: 10.1001/jamacardio.2016.2270. [Epub ahead of print] No abstract available.

PMID: 27541301

[Searching for Adherence: Can We Fulfill the Promise of Evidence-Based Medicines?](#)

Armstrong PW, McAlister FA.

J Am Coll Cardiol. 2016 Aug 23;68(8):802-4. doi: 10.1016/j.jacc.2016.06.006. No abstract available.

PMID: 27539171

[Omega-3 Fatty Acids, Depressive Symptoms, and Cognitive Performance in Patients With Coronary Artery Disease: Analyses From a Randomized, Double-Blind, Placebo-Controlled Trial.](#)

Mazereeuw G, Herrmann N, Oh PI, Ma DW, Wang CT, Kiss A, Lanctôt KL.

J Clin Psychopharmacol. 2016 Oct;36(5):436-44. doi: 10.1097/JCP.0000000000000565.

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[BMP9/ALK1 inhibits neovascularization in mouse models of age-related macular degeneration.](#)

Ntumba K, Akla N, Oh SP, Eichmann A, Larrivée B.

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PMID: 27517154

[Attitudes and Opinions of Doctors of Chiropractic Specializing in Pediatric Care Toward Patient Safety: A Cross-sectional Survey.](#)

Pohlman KA, Carroll L, Hartling L, Tsuyuki R, Vohra S.

J Manipulative Physiol Ther. 2016 Aug 13. pii: S0161-4754(16)30136-1. doi: 10.1016/j.jmpt.2016.06.003.

PMID: 27530089

[Development and implementation of an online clinical pathway for adult chronic kidney disease in primary care: a mixed methods study.](#)

Donald M, McBrien K, Jackson W, Manns BJ, Tonelli M, King-Shier K, Jindal K, Lewanczuk RZ,

Scott-Douglas N, Braun T, Straus SE, Naugler C, Elliott MJ, Jun M, Hemmelgarn BR.

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[The Cost Implications of Less Tight Versus Tight Control of Hypertension in Pregnancy \(CHIPS Trial\).](#)

Ahmed RJ, Gafni A, Hutton EK, Hu ZJ, Pullenayegum E, von Dadelszen P, Rey E, Ross S, Asztalos E, Murphy KE, Menzies J, Sanchez JJ, Ganzevoort W, Helewa M, Lee SK, Lee T, Logan AG, Moutquin JM, Singer J, Thornton JG, Welch R, Magee LA; CHIPS Trial Collaborative Group.

Hypertension. 2016 Aug 22. pii: HYPERTENSIONAHA.116.07466.

PMID: 27550914

[FLUORIDATION EXPOSURE STATUS BASED ON LOCATION OF DATA COLLECTION IN THE CANADIAN HEALTH MEASURES SURVEY: IS IT VALID?](#)

McLaren L.

J Can Dent Assoc. 2016 Aug;82:g17.

PMID: 27548663

[Visual Fixation in the ICU: A Strong Predictor of Long-Term Recovery After Moderate-to-Severe Traumatic Brain Injury.](#)

Arbour C, Baril AA, Westwick HJ, Potvin MJ, Gilbert D, Giguère JF, Lavigne GJ, Desautels A, Bernard F, Laureys S, Gosselin N.  
Crit Care Med. 2016 Aug 5.  
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[Identification of Physician-Diagnosed Alzheimer's Disease and Related Dementias in Population-Based Administrative Data: A Validation Study Using Family Physicians' Electronic Medical Records.](#)

Jaakkimainen RL, Bronskill SE, Tierney MC, Herrmann N, Green D, Young J, Ivers N, Butt D, Widdifield J, Tu K.  
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PMID: 27567819

[A Randomized Control Trial Using a Validated Prediction Model for Diagnosing Acute Heart Failure in Undifferentiated Dyspneic Emergency Department Patients -Results of the Gasp4ar Study.](#)

Steinhart BD, Levy P, Vandenberghe H, Moe G, Yan AT, Cohen A, Thorpe KE, McGowan M, Mazer CD.  
J Card Fail. 2016 Aug 23. pii: S1071-9164(16)31112-5. doi: 10.1016/j.cardfail.2016.08.007.  
PMID: 27565045

[Central intake to improve access to physiotherapy for children with complex needs: a mixed methods case report.](#)

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BMC Health Serv Res. 2016 Aug 31;16:455. doi: 10.1186/s12913-016-1700-3.  
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[Mouse Oocytes Acquire Mechanisms that Permit Independent Cell Volume Regulation at the End of Oogenesis.](#)

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[Associations between ventilator settings during extracorporeal membrane oxygenation for refractory hypoxemia and outcome in patients with acute respiratory distress syndrome: a pooled individual patient data analysis : Mechanical ventilation during ECMO.](#)

Serpa Neto A, Schmidt M, Azevedo LC, Bein T, Brochard L, Beutel G, Combes A, Costa EL, Hodgson C, Lindskov C, Lubnow M, Lueck C, Michaels AJ, Paiva JA, Park M, Pesenti A, Pham T, Quintel M, Marco Ranieri V, Ried M, Roncon-Albuquerque R Jr, Slutsky AS, Takeda S, Terragni PP, Vejen M, Weber-Carstens S, Welte T, Gama de Abreu M, Pelosi P, Schultz MJ; ReVA Research Network and the PROVE Network Investigators.  
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[Identification of key residues involved in Si transport by the aquaglyceroporins.](#)

Carpentier GA, Garneau AP, Marcoux AA, Noël M, Frenette-Cotton R, Isenring P.  
J Gen Physiol. 2016 Sep;148(3):239-51. doi: 10.1085/jgp.201611598. Epub 2016 Aug 15.



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[Patient Involvement as Experts in the Development and Assessment of a Smartphone App as a Patient Education Tool for the Management of Thalassemia and Iron Overload Syndromes.](#)

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[Quantification of global myocardial function by cine MRI deformable registration-based analysis: Comparison with MR feature tracking and speckle-tracking echocardiography.](#)

Lamacie MM, Thavendiranathan P, Hanneman K, Greiser A, Jolly MP, Ward R, Wintersperger BJ.

Eur Radiol. 2016 Aug 4.

PMID: 27491873

[Registry-based randomized controlled trials: advantages, challenges and areas for future research.](#)

Li G, Sajobi TT, Menon BK, Korngut L, Lowerison M, James M, Wilton SB, Williamson T, Gill S, Drogos LL, Smith EE, Vohra S, Hill MD, Thabane L; 2016 Symposium on Registry-Based Randomized Controlled Trials in Calgary.

J Clin Epidemiol. 2016 Aug 20. pii: S0895-4356(16)30350-X. doi: 10.1016/j.jclinepi.2016.08.003.

PMID: 27555082

[Visual aid tool to improve decision making in acute stroke care.](#)

Saposnik G, Goyal M, Majoie C, Dippel D, Roos Y, Demchuk A, Menon B, Mitchell P, Campbell B, Dávalos A, Jovin T, Hill MD; HERMES collaborators and the Stroke Outcomes Research working group (SORCan).

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[GPCR-G Protein-β-Arrestin Super-Complex Mediates Sustained G Protein Signaling.](#)

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[Mapping physiological G protein-coupled receptor signaling pathways reveals a role for receptor phosphorylation in airway contraction.](#)

Bradley SJ, Wiegman CH, Iglesias MM, Kong KC, Butcher AJ, Plouffe B, Goupil E, Bourgognon JM, Macedo-Hatch T, LeGouill C, Russell K, Laporte SA, König GM, Kostenis E, Bouvier M, Chung KF, Amrani Y, Tobin AB.

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[Advances in Stem Cell and Cell-Based Gene Therapy Approaches for Experimental Acute Lung Injury: A Review of Preclinical Studies.](#)

Mei SH, Dos Santos C, Stewart D.

Hum Gene Ther. 2016 Aug 16.

PMID: 2753164



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[Target blood pressure for patients with hypertension: lower blood pressure is not better.](#)

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