

CPCSSN Publications

2021

1. Singer, A., Kosowan, L., Loewen, S., Spitoff, S., Greiver, M., & Lynch, J. (2021). Who is asked about alcohol consumption? A retrospective cohort study using a national repository of Electronic Medical Records. *Preventive medicine reports*, 22, 101346. <https://doi.org/10.1016/j.pmedr.2021.101346>
2. Barber, D., Morkem, R., Dalgarno, N., Houlden, R., Smith, K., Anvari, M., & Zevin, B. (2021). Patients eligible and referred for bariatric surgery in southeastern Ontario: Retrospective cohort study. *Canadian family physician Medecin de famille canadien*, 67(1), e31–e40. <https://doi.org/10.46747/cfp.6701e31>
3. Singer, A. G., Kosowan, L., Soller, L., Chan, E. S., Nankisoor, N. N., Phung, R. R., & Abrams, E. M. (2021). Prevalence of Physician-Reported Food Allergy in Canadian Children. *The journal of allergy and clinical immunology. In practice*, 9(1), 193–199. <https://doi.org/10.1016/j.jaip.2020.07.039>

2020

4. Black, J., Terry, A., Lizotte, D. (2020). Development and evaluation of an osteoarthritis risk model for integration into primary care health information technology. *International Journal of Medical Informatics*. <https://doi.org/10.1016/j.ijmedinf.2020.104160>
5. Ross, S., Fast, H., Garies, S., Slade, D., Jackson, D., Doraty, M., Miyagishima, R., Soos, B., Taylor, M., Williamson, T., Drummond, N. (2020). Pelvic floor disorders in women who consult primary care clinics: development and validation of case definitions using primary care electronic medical records. *CMAJ Open*, 8(2).
6. Puzhko, S., Schuster, T., Barnett, T., Renoux, C., Rosenberg, E., Barber, D., Bartlett, G. (2020). Evaluating Prevalence of Patterns of Prescribing Medications for Depression for Patients With Obesity Using Large Primary Care Data (Canadian Primary Care Sentinel Surveillance Network). *Frontiers in Nutrition*. <https://doi.org/10.3389/fnut.2020.00024>
7. Miyagishima, R., Drummond, N., Carroll, L., Hopper, T., Garies, S., Williamson, T. (2020). Validation of care definition for speech and language disorders: In community-dwelling older adults in Alberta. *The College of Family Physicians of Canada*, 66(3).
8. Singer, A., Kosowan, L., Marrie, R. (2020). Management of diabetes and hypertension in people with multiple sclerosis. *Multiple Sclerosis and Related Disorders*. <https://doi.org/10.1016/j.msard.2020.101987>.
9. Cave, A., Soos, B., Gillies, C., Drummond, N., Pham, A., Williamson, T. (2020). Validation a case definition for adult asthma in primary care electronic medical records. *npj Primary Care Respiratory Medicine*, 30(1).
10. Bang, F., Ehsani, B., McFaull, S., Chang, V., Queenan, J., Birtwhistle, R., Do, M. Surveillance of concussion – related injuries using electronic medical records from the Canadian Primary Care Sentinel Surveillance Network (CPCSSN): a proof-of-concept. *Canadian Journal of Public Health*, 111(2). <https://doi.org/10.17269/s41997-019-00267-4>

2019

11. Drummond, N., Kurzawa, J., Nitsch, D., Tuot, D., Brimble, S., Mangin, D., Queenan, J.A., Wick, J., Soos, B., Shojai, S., Tangri, N., Osman, M.A., Lindeman, C., Ronksley, P.E., Grill, A., Bello, A.K., & Singer, A. (2019). Prevalence and demographics of CKD in Canadian primary care practices: A cross-sectional study. *Kidney International Reports*. <https://doi.org/10.1016/j.ekir.2019.01.005>

12. Garies, S., Hao, S., Mcbrien, K., Williamson, T., Peng, M., Khan, N. A., Padwal, R.S., Quan, H., & Leung, A. A. (2019). Prevalence of hypertension, treatment, and blood pressure targets in Canada associated with the 2017 American College of Cardiology and American Heart Association. *JAMA Network Open*, 2(3), e190406. <https://doi.org/10.1001/jamanetworkopen.2019.0406>
13. Greiver, M., Aliarzadeh, B., Yu, C., Moineddin, R., Nichols, J., Sullivan, F., Rigoban, A.V., & Kalia, S. (2019). Impact of the Diabetes Canada Guideline Dissemination Strategy on the prescription of vascular protective medications: A retrospective cohort study, 2010–2015. *Diabetes Care*, 42(1), 148–156. <https://doi.org/10.2337/dc18-0935>
14. Kosowan, L., Wicklow, B., Queenan, J., Yeung, R., Amed, S., & Singer, A. (2019). Enhancing health surveillance: validation of a novel electronic medical record-based pediatric type 1 and type 2 Diabetes Mellitus case definition. *Canadian Journal of Diabetes*. <https://doi.org/10.1016/J.CJJD.2019.02.005>
15. Mangin, D., Parascandolo, J., Khudoyarova, O., Agarwal, G., Bismah, V., & Orr, S. (2019). Multimorbidity, eHealth and implications for equity: a cross-sectional survey of patient perspectives on eHealth. *BMJ Open*, 9(2). <https://doi.org/10.1136/bmjopen-2018-023731>
16. Moineddin, R., Bernard, S., Aliarzadeh, B., Kalia, S., Fung, W. L. A., Greiver, M., Maloul, A., Sullivan, F., & O'Neill, B. (2019). Agreement between primary care and hospital diagnosis of schizophrenia and bipolar disorder: A cross-sectional, observational study using record linkage. *PLoS One*, 14(1), e0210214. <https://doi.org/10.1371/journal.pone.0210214>
17. Perveen, S., Shahbaz, M., Keshavjee, K., & Guergachi, A. (2019). Metabolic syndrome and development of diabetes mellitus: predictive modeling based on machine learning techniques. *IEEE Access*, 7, 1365–1375. <https://doi.org/10.1109/ACCESS.2018.2884249>
18. Phillips, S. P., Jiang, M., Lakkadghatwala, R., & Wang, S. (2019). Assessing wellness in the well-child check What about social and emotional development? *Canadian Family Physician*, 65(3), e113=e120. Retrieved from <http://www.cfp.ca/content/cfp/65/3/e113.full.pdf>
19. Williams, J., Syed, S., Greiver, M., Dawes, M., Aliarzadeh, B., Moineddin, R., Kalia, S., Voruganti, T., Sullivan, F., de Lusignan, S., & Hinton, W. (2019). Trends in end digit preference for blood pressure and associations with cardiovascular outcomes in Canadian and UK primary care: a retrospective observational study. *BMJ Open*, 9(1). <https://doi.org/10.1136/bmjopen-2018-024970>

2018

20. Abu-Ashour, W., Twells, L. K., Valcour, J. E., & Gamble, J. M. (2018). Diabetes and the occurrence of infection in primary care: A matched cohort study. *BMC Infectious Diseases*, 18(1), 67. <https://doi.org/10.1186/s12879-018-2975-2>
21. Bauer, M., Fortin, M., Terry, A., Thind, A., Williamson, T., & Nicholson, K. (2018). The multimorbidity cluster analysis tool: identifying combinations and permutations of multiple chronic diseases using a record-level computational analysis. *Journal of Innovation in Health Informatics*, 24(4), 4. <https://doi.org/10.14236/jhi.v24i4.962>
22. Drummond, N., Cook, L., Yaraee, J., Soos, B., Forst, B., Garies, S., Shaw, M., Cummings, M., & Taylor, M. (2018). Developing and implementing linked electronic medical record and administrative data in primary care practice for diabetes in Alberta. *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.969>
23. Drummond, N., Duerksen, K., Garies, S., Williamson, T., Manca, D., Frost, B., Soos, B., Ronksley, P.E., McBrien, K. (2018). Linking primary care EMR data and administrative data in Alberta, Canada: experiences, challenges, and potential solutions. *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.991>
24. Drummond, N., McCleary, L., Freiheit, E., Molnar, F., Dalziel, W., Cohen, C., Tuener, D., Miyagishima, R., & Silvius, J. (2018). Antidepressant and antipsychotic prescribing in primary care for people with dementia. *Canadian Family Physician*, 64(11), e488–e497. Retrieved from <http://www.cfp.ca/content/cfp/64/11/e488.full.pdf>

25. Ehsani-Moghaddam, B., Queenan, J. A., MacKenzie, J., & Birtwhistle, R. V. (2018). Mucopolysaccharidosis type II detection by Naïve Bayes Classifier: An example of patient classification for a rare disease using electronic medical records from the Canadian Primary Care Sentinel Surveillance Network. *PLoS One*, *13*(12), e0209018. <https://doi.org/10.1371/journal.pone.0209018>
26. Gagnon, J., Lussier, M.T., Daskalopoulou, S.S., MacGibbon, B., & Bartlett, G. (2018). Antidepressant prescription practices among primary health care providers for patients with Diabetes Mellitus. *Current Research in Diabetes & Obesity Journal*. <https://doi.org/10.19080/crdoj.2017.02.555593>
27. Greiver, M., Meaney, C., Sullivan, F., Moineddin, R., Zhao, X., Kalia, S., Aliarzadeh, B., & Grunfeld, E. (2018). Would you like to add a weight after this blood pressure, doctor? Discovery of potentially actionable associations between the provision of multiple screens in primary care. *Journal of Evaluation in Clinical Practice*, *24*(2), 423-430. <https://doi.org/10.1111/jep.12877>
28. Hurd, J., Pike, A., Knight, J., Tarrant, G., Aubrey-Bassler, K., Asghari, S., & Godwin, M. (2018). Health and health service use of very elderly Newfoundlanders. *Canadian Family Physician*, *64*(10), e453–e461. Retrieved from <http://www.cfp.ca/content/cfp/64/10/e453.full.pdf>
29. Kalia, S., & Greiver, M. (2018). Trends in systematic recording errors of blood pressure and association with outcomes in Canadian and UK primary care data: a retrospective observational study. *International Journal of Population Data Science*, *3*(4). <https://doi.org/10.23889/ijpds.v3i4.637>
30. Katz, A., Aponte-Hao, S., Mele, B., Wong, S., Lethebe, B., Williamson, T., Leduc, C., & Jackson, D. (2018). Developing a primary care EMR-based frailty definition using machine learning. *International Journal of Population Data Science*, *3*(4). <https://doi.org/10.23889/ijpds.v3i4.811>
31. Lukewich, J., Edge, D. S., VanDenKerkhof, E., Williamson, T., & Tranmer, J. (2018). Team composition and chronic disease management within primary healthcare practices in eastern Ontario: an application of the Measuring Organizational Attributes of Primary Health Care Survey. *Primary Health Care Research and Development*, *19*(6), 622–628. <https://doi.org/10.1017/S1463423618000257>
32. Lussier, M.-T., Bartlett, G., Daskalopoulou, S. S., Gagnon, J., & MacGibbon, B. (2018). The impact of antidepressant therapy on glycaemic control in Canadian primary care patients with diabetes mellitus. *Frontiers in Nutrition*, *5*, 47. <https://doi.org/10.3389/fnut.2018.0004>
33. Mangin, D., Lawson, J., Cuppage, J., Shaw, E., Ivanyi, K., Davis, A., & Risdon, C. (2018). Legacy drug-prescribing patterns in primary care. *Annals of Family Medicine*, *16*(6), 515-520. <https://doi.org/10.1370/afm.2315>
34. McAlister, F. A., Garrison, S., Kosowan, L., Ezekowitz, J. A., & Singer, A. (2018). Use of direct oral anticoagulants in Canadian primary care practice 2010-2015: A cohort study from the Canadian primary care sentinel surveillance network. *Journal of the American Heart Association*, *7*(3). <https://doi.org/10.1161/JAHA.117.007603>
35. McBrien, K. A., Souri, S., Symonds, N. E., Rouhi, A., Lethebe, B. C., Williamson, T. S., Garies, S., Birtwhistle, R., Quan, H., Fabreau, G.E., & Ronksley, P. E. (2018). Identification of validated case definitions for medical conditions used in primary care electronic medical record databases: A systematic review. *Journal of the American Medical Informatics Association*, *25*(11), 1567–1578. <https://doi.org/10.1093/jamia/ocy094>
36. Montesanti, S., Robinson-vollman, A., & Green, L. A. (2018). Designing a framework for primary health care research in Canada : a scoping literature review. *BMC Family Practice*, *19*(1), 144. <https://doi.org/https://doi.org/10.1186/s12875-018-0839-x>
37. Patel, A., Patten, S., Giesbrecht, G., Williamson, T., Tough, S., Dahal, K. A., Letourneau, N., & Premji, S. (2018). Harmonization of data from cohort studies– potential challenges and opportunities. *International Journal of Population Data Science*, *3*(4). <https://doi.org/10.23889/ijpds.v3i4.868>
38. Peng, M., Garies, S., Weaver, C., McBrien, K., & Williamson, T. (2018). Association rule mining to identify potential under-coding of conditions in the problem list in primary care electronic medical

- records. *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.622>
39. Peng, M., Gini, R., & Williamson, T. (2018). Inferring sensitivity and specificity of phenotyping algorithms using positive and negative predictive value in validation study in observational health data. *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.951>
 40. Perveen, S., Shahbaz, M., Keshavjee, K., & Guergachi, A. (2018). A systematic machine learning based approach for the diagnosis of non-alcoholic fatty liver disease risk and progression. *Scientific Reports*, 8(1), 2112. <https://doi.org/10.1038/s41598-018-20166-x>
 41. Peterson, S., Taylor, C., Williamson, T., Katz, A., & Wong, S. (2018). Identification of frailty using EMR and admin data: a complex issue. *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.832>
 42. Queenan, J. A., Farahani, P., Ehsani-Moghadam, B., & Birtwhistle, R. V. (2018). The prevalence and risk for herpes zoster infection in adult patients with diabetes mellitus in the Canadian Primary Care Sentinel Surveillance Network. *Canadian Journal of Diabetes*, 42(5), 465-469. <https://doi.org/10.1016/j.jcjd.2017.10.060>
 43. Reyes, R. R., Parker, G., Garies, S., Dolan, C., Gerber, S., Burton, B., Burton, T., Brockmann, J., Miyagishima, R., & Drummond, N. (2018). Team-based comanagement of diabetes in rural primary care. *Canadian Family Physician*, 64(8), e346-e353. Retrieved from <http://www.cfp.ca/content/cfp/64/8/e346.full.pdf>
 44. Sauvageau, C., Trudeau, G., Amini, R., Gilca, V., & Letellier, M.-C. (2018). Herpes Zoster Burden in Canadian Provinces: A Narrative Review and Comparison with Quebec Provincial Data. *Canadian Journal of Infectious Diseases and Medical Microbiology*. <https://doi.org/10.1155/2018/3285327>
 45. Sharma, D., Bernard, S., Aliarzadeh, B., Eisen, D., Greiver, M., Moineddin, R., D'Urzo, T., Meaney, C., Kalia, S., Rahman, N., & Sullivan, F. (2018). Agreement between hospital and primary care on diagnostic labeling for COPD and heart failure in Toronto, Canada: a cross-sectional observational study. *NPJ Primary Care Respiratory Medicine*, 28(1), 9. <https://doi.org/10.1038/s41533-018-0076-8>
 46. Singer, A., Fanella, S., Kosowan, L., Falk, J., Dufault, B., Hamilton, K., & Walus, A. (2018). Informing antimicrobial stewardship: factors associated with inappropriate antimicrobial prescribing in primary care. *Family Practice*, 35(4), 455-460. <https://doi.org/10.1093/fampra/cmz118>
 47. Singer, A., Kosowan, L., Lix, L. M., Katz, A., Jolin-Dahel, K., & Appel, K. (2018). Prescribing and testing by primary care providers to assess adherence to the Choosing Wisely Canada recommendations: a retrospective cohort study. *CMAJ Open*, 6(4), E603-E610. <https://doi.org/10.9778/cmajo.20180053>
 48. Singer, A., Peterson, S., Bakal, J. A., Williamson, T., Katz, A., Taylor, C., Enns, J., McGrail, K., & Wong, S. T. (2018). Challenges associated with cross-jurisdictional analyses using administrative health data and primary Care electronic medical records in Canada. *International Journal of Population Data Science*, 3(3). <https://doi.org/10.23889/ijpds.v3i3.437>
 49. Tuot, D., Lindeman, C., Freiheit, E., Bello, A. K., Tangri, N., Mangin, D., Grill, A., Nitsch, D., Queenan, J., Soos, B., Drummond, N., Singer, A., & Ronksley, P. E. (2018). A national surveillance project on chronic kidney disease management in Canadian primary care: a study protocol, 7(8). *BMJ Open*. <https://doi.org/10.1136/bmjopen-2017-016267>
 50. Williamson, T., Peng, M., Liang, Z., D'Souza, A., Smith, T., & Quan, H. (2018). Improving the coding completeness of hypertension in inpatient administrative health data using machine learning methods. *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.946>
 51. Wong, S., Taylor, C., Katz, A., McGrail, K., Williamson, T., & Peterson, S. (2018). Can linked electronic medical record and administrative data help us identify those living with frailty? *International Journal of Population Data Science*, 3(4). <https://doi.org/10.23889/ijpds.v3i4.829>

52. Abrams, E. M., Singer, A. G., Lix, L., Katz, A., Yogendran, M., & Simons, F. E. R. (2017). Adherence with epinephrine autoinjector prescriptions in primary care. *Allergy, Asthma and Clinical Immunology*, 13(1), 46. <https://doi.org/10.1186/s13223-017-0218-5>
53. Brien, M. A. O., Sullivan, F., Carson, A., Siddiqui, R., Syed, S., & Paszat, L. (2017). Piloting electronic screening forms in primary care : findings from a mixed methods study to identify patients eligible for low dose CT lung cancer screening. *BMC Family Practice*, 18(1), 95. <https://doi.org/10.1186/s12875-017-0666-5>
54. Brown, F., Singer, A., Katz, A., & Konrad, G. (2017). Statin-prescribing trends for primary and secondary prevention of cardiovascular disease. *Canadian family physician Medecin de famille canadien*, 63(11), e495–e503.
55. Coons, M. J., Greiver, M., Aliarzadeh, B., Meaney, C., Moineddin, R., Williamson, T., Queenan, J., Yu, C.H., White, D.G., Kiran, T., & Kane, J. J. (2017). Is glycemia control in Canadians with diabetes individualized? A cross-sectional observational study. *BMJ Open Diabetes Research and Care*, 5(1). <https://doi.org/10.1136/bmjdr-2016-000316>
56. Garies, S., Birtwhistle, R., Drummond, N., Queenan, J., & Williamson, T. (2017). Data Resource Profile: National electronic medical record data from the Canadian Primary Care Sentinel Surveillance Network (CPCSSN). *International Journal of Epidemiology*, 46(4), 1091-1092f. <https://doi.org/10.1093/ije/dyw248>
57. Gentil, M. L., Cuggia, M., Fiquet, L., Hagenbourger, C., Le Berre, T., Banâtre, A., Renault, E., Bouzille, G., & Chapron, A. (2017). Factors influencing the development of primary care data collection projects from electronic health records: A systematic review of the literature. *BMC Medical Informatics and Decision Making*, 17(1), 139. <https://doi.org/10.1186/s12911-017-0538-x>
58. Ghany, A., & Keshavjee, K. (2017). The cost of quality in diabetes. *ITCH*, 234, 131–135. Retrieved from <http://infoclinanalytics.ca/wp-content/uploads/2018/12/2016-11-01-Data-Quality- Paper.pdf>
59. Hay, A. E., Leung, Y. W., Pater, J. L., Brown, M. C., Bell, E., Howell, D., Willing, S., & Liu, G. (2017). Linkage of clinical trial and administrative data : a survey of cancer patient preferences. *Current Oncology*, 24(3), 161–167. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5486380/>
60. Jennifer Loo, C. K., Greiver, M., Aliarzadeh, B., & Lewis, D. (2017). Association between neighbourhood walkability and metabolic risk factors influenced by physical activity: A cross-sectional study of adults in Toronto, Canada. *BMJ Open*, 7(4). <https://doi.org/10.1136/bmjopen-2016-013889>
61. Katz, A., Singer, A., Yogendran, M., Al-Azazi, S., & Lix, L. (2017). Chronic disease case definitions for electronic medical records: a Canadian validation study. *International Journal of Population Data Science*, 1(1). <https://doi.org/10.23889/ijpds.v1i1.232>
62. Lix, L., Munakala, S. N., & Singer, A. (2017). Automated Classification of Alcohol Use by Text Mining of Electronic Medical Records. *Online Journal of Public Health Informatics*, 9(1). <https://doi.org/10.5210/ojphi.v9i1.7648>
63. Morkem, R., Patten, S., Queenan, J., & Barber, D. (2017). Recent trends in the prescribing of ADHD medications in Canadian primary care. *Journal of Attention Disorders*. <https://doi.org/10.1177/1087054717720719>
64. Morkem, R., Williamson, T., Patten, S., Queenan, J. A., Wong, S. T., Manca, D., & Barber, D. (2017). Trends in antidepressant prescribing to children and adolescents in Canadian primary care: a time-series analysis. *Pharmacoepidemiology and Drug Safety*, 26(9), 1093-1099. <https://doi.org/10.1002/pds.4240>

65. Oake, J., Mahdavian, M., Duke, P., Aref-Eshghi, E., Aubrey-Bassler, K., Asghari, S., Collins, K., & Godwin, M. (2017). Using electronic medical record to identify patients with dyslipidemia in primary care settings: international classification of disease code matters from one region to a national database. *Biomedical Informatics Insights*, 9, 1178222616685880. <https://doi.org/10.1177/1178222616685880>
66. Oake, J., Mahdavian, M., Duke, P., Aref-Eshghi, E., Aubrey-Bassler, K., Asghari, S., & Godwin, M. (2017). Identification of dyslipidemic patients attending primary care clinics using electronic medical record (EMR) data from the Canadian primary care sentinel surveillance network (CPCSSN) database. *Journal of Medical Systems*, 41(3), 45. <https://doi.org/10.1007/s10916-017-0694-7>
67. Singer, A., Kroeker, A. L., Yakubovich, S., Duarte, R., Dufault, B., & Katz, A. (2017). Data quality in electronic medical records in Manitoba: Do problem lists reflect chronic disease as defined by prescriptions ? Recherche La qualité des données inscrites dans les dossiers médicaux électroniques au Manitoba. *Canadian Family Physician*, 63(5), 382–389. Retrieved from <http://www.cfp.ca/content/63/5/382.abstract>
68. Terry, A. L., Shadd, J., Stewart, M., Maddocks, H., Thind, A., & Ryan, B. L. (2017). Methods to describe referral patterns in a Canadian primary care electronic medical record database: modelling multilevel count data. *Journal of Innovation in Health Informatics*, 24(4), 311-316. <https://doi.org/10.14236/jhi.v24i4.888>
69. Whitehead, M., Khan, S., Green, M. E., Greiver, M., Birtwhistle, R., Frymire, E., Glazier, R., & Dahrouge, S. (2017). Hospital admission rates and emergency department use in relation to glycated hemoglobin in people with diabetes mellitus: a linkage study using electronic medical record and administrative data in Ontario. *CMAJ Open*, 5(3), E557–E564. <https://doi.org/10.9778/cmajo.20170017>
70. Williamson, T., Miyagishima, R. C., Derochie, J. D., & Drummond, N. (2017). Manual review of electronic medical records as a reference standard for case definition development: a validation study. *CMAJ Open*, 5(4), E830. <https://doi.org/10.9778/cmajo.20170077>

2016

71. Bharathi, R., Sullivan, F., Aliarzadeh, B., & Greiver, M. (2016). Validation of identification of Bell's Palsy cases in Canadian primary Care EMR data - a pilot study. *Ann Otolaryngol Rhinol*, 3(1), 1082. Retrieved from <https://www.researchgate.net/publication/298972736>
72. Aliarzadeh, B., Meaney, C., Moineddin, R., White, D., Birken, C., Parkin, P., & Greiver, M. (2016). Hypertension screening and follow-up in children and adolescents in a Canadian primary care population sample: a retrospective cohort study. *CMAJ Open*, 4(2), E230–E235. Retrieved from <http://cmajopen.ca/content/4/2/E230.full>
73. Barber, D., Morkem, R., Queenan, J. A., & Barber, K. H. (2016). Harnessing the power of longitudinal data/Endiguer la puissance des données longitudinales. *Canadian Family Physician*, 62(4), 355. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/27076548>
74. Biro, S., Barber, D., Williamson, T., Morkem, R., Khan, S., & Janssen, I. (2016). Prevalence of toddler, child and adolescent overweight and obesity derived from primary care electronic medical records: an observational study. *CMAJ OPEN*, 4(3), 7. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5047841/>
75. Biro, S., Williamson, T., Leggett, J. A., Barber, D., Morkem, R., Moore, K., Belanger, P., Mosley, B., & Janssen, I. (2016). Utility of linking primary care electronic medical records with Canadian census data to study the determinants of chronic disease: an example based on socioeconomic status and obesity. *BMC Med Informatics and Decision Making*, 16(1), 32. <https://doi.org/10.1186/s12911-016-0272-9>
76. Birtwhistle, R., & Queenan, J. (2016). Update from CPCSSN. *Canadian Family Physician*, 62(10), 851. Retrieved from <http://www.cfp.ca/content/62/10/851.full.pdf+html>

77. Cave, A. J., Davey, C., Ahmadi, E., Drummond, N., Fuentes, S., Kazemi-Bajestani, S. M. R., Sharpe, H., & Taylor, M. (2016). Development of a validated algorithm for the diagnosis of paediatric asthma in electronic medical records. *NPJ Primary Care Respiratory Medicine*, 26. <https://doi.org/10.1038/npjpcrm.2016.85>
78. Cave, A., Sharpe, H., Anselmo, M., Befus, A. D., Currie, G., Davey, C., Drummond, N., Graham, J., Green, L.A., Grimshaw, J., Kam, K., Manca, D., Nettel-Aguirre, A., Potestio, M.L., Rowe, B.H., Scott, S.D., Williamson, T., & Johnson, D.W. (2016). Primary Care Pathway for Childhood Asthma: Protocol for a Randomized Cluster-Controlled Trial. *JMIR Research Protocols*, 5(1). Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4804104/>
79. Drummond, N., Birtwhistle, R., Williamson, T., Khan, S., Garies, S., & Molnar, F. (2016). Prevalence and management of dementia in primary care practices with electronic medical records: a report from the Canadian Primary Care Sentinel Surveillance Network. *CMAJ Open*, 4(2). <https://doi.org/10.9778/cmajo.20150050>
80. Gini, R., Schuemie, M. J., Mazzaglia, G., Lapi, F., Francesconi, P., Pasqua, A., Bianchini, E., Montalbano, C., Roberto, G., Barletta, V., Cricelli, I., Cricelli, C., Dal Co, G., Bellentani, M., Sturkenboom, M., & Klazinga, N. (2016). Automatic identification of type 2 diabetes, hypertension, ischaemic heart disease, heart failure and their levels of severity from Italian General Practitioners' electronic medical records: a validation study. *BMJ Open*, 6(12), e012413. <https://doi.org/10.1136/bmjopen-2016-012413>
81. Lambert-Lanning, A., Khan, S., Leggett, J., Greiver, M., Wintemute, K., Siu, M., Jackson, D., Aliarzadeh, B., & Martin, K. (2016). Implementation of data management and effect on chronic disease coding in a primary care organisation: A parallel cohort observational study. *Journal of Innovation in Health Informatics*, 23(3), 580–590. <https://doi.org/10.14236/jhi.v23i3.843>
82. Lukewich, J., Edge, D., Van Den Kerkhof, E., Williamson, T., & Tranmer, J. (2016). Association between registered nurse staffing and management outcomes of patients with type 2 diabetes within primary care: a cross-sectional linkage study. *CMAJ Open*, 4(2), E264–E270. Retrieved from <http://cmajopen.ca/content/4/2/E264.full>
83. Perveen, S., Shahbaz, M., Guergachi, A., & Keshavjee, K. (2016). Performance analysis of data mining classification techniques to predict diabetes. *Procedia Computer Science*, 82, 115–121. <https://doi.org/10.1016/j.procs.2016.04.016>
84. Quan, H., & Williamson, T. (2016). Guiding the reporting of studies that use routinely collected health data. *CMAJ*. <https://doi.org/10.1503/cmaj.151470>
85. Queenan, J., Birtwhistle, R., & Drummond, N. (2016). Supporting primary care public health functions/Appui aux fonctions de santé publique en soins primaires. *Canadian Family Physician*, 62(7), 603–604. Retrieved from <http://www.cfp.ca/content/62/7/603.full>
86. Queenan, J., Farahani, P., Khan, S., & Birtwhistle, R. (2016). Herpes zoster infection in people with diabetes in Canadian primary care practice. *Canadian Journal of Diabetes*, 40(5), S17. Retrieved from <http://dx.doi.org/10.1016/j.jcjd.2016.08.051>
87. Queenan, J., Williamson, T., Khan, S., Drummond, N., Garies, S., Morkem, R., & Birtwhistle, D. R. (2016). Representativeness of patients and providers in the Canadian Primary Care Sentinel Surveillance Network: a cross-sectional study. *CMAJ Open*, 4(1), E28–E32. Retrieved from <http://cmajopen.ca/content/4/1/E28.full>
88. Rosella, L., Bornstein, S., Mackey, S., & Grignon, M. (2016). Prevention and Screening for Type 2 Diabetes. Retrieved from www.nlcahr.mun.ca/chrsp/
89. Shrestha, S., Dave, A. J., Losina, E., & Katz, J. N. (2016). Diagnostic accuracy of administrative data algorithms in the diagnosis of osteoarthritis: a systematic review. *BMC Medical Informatics and Decision Making*, 16(1), 82. <https://doi.org/10.1186/s12911-016-0319-y>
90. Singer, A., Yakubovich, S., Kroeker, A. L., Dufault, B., Duarte, R., & Katz, A. (2016). Data quality of electronic medical records in Manitoba: do problem lists accurately reflect chronic disease billing diagnoses? *Journal of the American Medical Informatics Association*, 23(6), 1107–1112. <https://doi.org/10.1093/jamia/ocw013>

91. Singian, K. R. P., Price, M., Bungay, V., & Wong, S. T. (2016). Using Canadian Primary Care Sentinel Surveillance Network data to examine depression in patients with a diagnosis of Parkinson disease: a retrospective cohort study. *CMAJ Open*, 4(3), E417 – E423. <https://doi.org/10.9778/cmajo.20160052>

2015

92. Aref-Eshghi, E., Leung, J., Godwin, M., Duke, P., Williamson, T., Mahdavian, M., & Asghari, S. (2015). Low density lipoprotein cholesterol control status among Canadians at risk for cardiovascular disease: findings from the Canadian Primary Care Sentinel Surveillance Network Database. *Lipids Health Disease*, 14(1), 60. <https://doi.org/10.1186/s12944-015-0056-8>
93. Asghari, S., Aref-Eshghi, E., Godwin, M., Duke, P., Williamson, T., & Mahdavian, M. (2015). Single and mixed dyslipidaemia in Canadian primary care settings: findings from the Canadian primary care sentinel surveillance network database. *BMJ Open*, 5(12). Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4680009/>
94. Asghari, S., Aref-Eshghi, E., Hurley, O., Godwin, M., Duke, P., Williamson, T., & Mahdavian, M. (2015). Does the prevalence of dyslipidemias differ between Newfoundland and the rest of Canada? Findings from the electronic medical records of the Canadian Primary Care Sentinel Surveillance Network. *Frontiers in Cardiovascular Medicine*, 2, 1–8. Retrieved from <http://journal.frontiersin.org/article/10.3389/fcvm.2015.00001/abstract>
95. Barber, D., Williamson, T., Biro, S., Hall Barber, K., Martin, D., Kinsella, L., & Morkem, R. (2015). Data discipline in electronic medical records: Improving smoking status documentation with a standardized intake tool and process. *Canadian Family Physician*, 61(12), e570-6. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/27035007>
96. Birtwhistle, R., Morkem, R., Peat, G., Williamson, T., Green, M. E., Khan, S., & Jordan, K. P. (2015). Prevalence and management of osteoarthritis in primary care: an epidemiologic cohort study from the Canadian Primary Care Sentinel Surveillance Network. *CMAJ Open*, 3(3), E270-5. <https://doi.org/10.9778/cmajo.20150018>
97. Birtwhistle, R., Barber, D., Drummond, N., Godwin, M., Greiver, M., Singer, A., Lussier, M.T., Manca, D., Natarajan, N., Terry, A., Wong, S., Martin, R.E., & Mangin, D. (2015). Horses and buggies have some advantages over cars, but no one is turning back. *Canadian Family Physician • Le Médecin de Famille Canadien*, 61, 416–419. Retrieved from <http://www.cfp.ca/content/61/5/416.full.pdf> - English
98. Birtwhistle, R., Godwin, M., Leggett, J. A., & Martin, K. (2015). Linking health databases for research/Jumelage des bases de données pour la recherche. *Canadian Family Physician/Le Médecin de Famille Canadien*, 61(4), 382/e223-e224. Retrieved from <http://www.cfp.ca/content/61/4/382.full> - English
99. Coleman, N., Halas, G., Peeler, W., Casaclang, N., Williamson, T., & Katz, A. (2015). From patient care to research: a validation study examining the factors contributing to data quality in a primary care electronic medical record database. *BMC Family Practice*, 16(11), 1–8. <https://doi.org/10.1186/s12875-015-0223-z>
100. Farahani, P., Khan, S., Oatway, M., & Dziarmaga, A. (2015). Exploring the distribution of prescription for sulfonyleureas in patients with type 2 diabetes according to cardiovascular risk factors within a Canadian primary care setting. *Journal of Population Therapeutics and Clinical Pharmacology*, 22(3). Retrieved from <http://www.jptcp.com/index.php/jptcp/article/view/249>
101. Garies, S., Irving, A., Williamson, T., & Drummond, N. (2015). Using EMR data to evaluate a physician-developed lifestyle plan for obese patients in primary care/Utilisation des données du DME pour évaluer l'efficacité d'un plan créé par un médecin à l'intention de patients obèses et portant sur le mode de vie, et ce. *Canadian Family Physician • Le Médecin de Famille Canadien*, 61, e225-31. Retrieved from <http://www.cfp.ca/content/61/5/e225.full.pdf+html> – English

102. Godwin, M., Williamson, T., Khan, S., Kaczorowski, J., Asghari, S., Morkem, R., Dawes, M., & Birtwhistle, R. (2015). Prevalence and management of hypertension in primary care practices with electronic medical records: a report from the Canadian Primary Care Sentinel Surveillance Network. *CMAJ Open*, 3(1), E76–E82. <https://doi.org/DOI:10.9778/cmajo.20140038>
103. Green, M., Natajaran, N., O'Donnell, D.E., Williamson, T., Kotecha, J., Khan, S., & Cave, A. (2015). Chronic obstructive pulmonary disease in primary care: an epidemiologic cohort study from the Canadian Primary Care Sentinel Surveillance Network. *CMAJ Open*, 3(1), E15–E22. <https://doi.org/DOI:10.9778/cmajo.20140040>
104. Greiver, M., Aliarzadeh, B., Meaney, C., Moineddin, R., Southgate, C., Barber, D., White, D.G., Martin, K.B., Ikhtiar, T., & Williamson, T. (2015). Are we asking patients if they smoke? missing information on tobacco use in Canadian Electronic Medical Records. *American Journal of Preventive Medicine*, 49(2), 264–268. <https://doi.org/10.1016/j.amepre.2015.01.005>
105. Greiver, M., Drummond, N., Birtwhistle, R., Queenan, J., Lambert-Lanning, A., & Jackson, D. (2015). Using EMRs to fuel quality improvement/Les DME pour alimenter l'amélioration de la qualité. *Canadian Family Physician/Le Médecin de Famille Canadien*, 61(1), 92/e68-e69. Retrieved from <http://www.cfp.ca/content/61/1/92.full> - English
106. Mashayekhi, M., Prescod, F., Shah, B., Dong, L., Keshavjee, K., & Guergachi, A. (2015). Evaluating the performance of the Framingham Diabetes Risk Scoring Model in Canadian electronic medical records. *Canadian Journal of Diabetes*, 39(2), 152–156. <https://doi.org/10.1016/j.cjcd.2014.10.006>
107. Morkem, R., Barber, D., Williamson, T., & Patten, S. (2015). A Canadian Primary Care Sentinel Surveillance Network study evaluating antidepressant prescribing in Canada from 2006 to 2012. *Canadian Journal of Psychiatry*, 60(12), 564–570. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/26720825>
108. Nicholson, K., Stewart, M., & Thind, A. (2015). Examining the symptom of fatigue in primary care: a comparative study using electronic medical records. *Journal of Innovation in Health Informatics*, 22(1), 235–243. Retrieved from <http://hijournal.bcs.org/index.php/jhi/article/view/91>
109. Nicholson, K., Terry, A., Fortin, M., Williamson, T., Bauer, M., & Thind, A. (2015). Examining the prevalence and patterns of multimorbidity in Canadian primary healthcare: a methodologic protocol using a national electronic medical record database. *Journal of Comorbidity*, 5(1), 150–161. Retrieved from <http://jcomorbidity.com/index.php/test/article/view/61>
110. Nicholson, K., Terry, A., Fortin, M., Williamson, T., & Thind, A. (2015). Understanding multimorbidity in primary health care. *Canadian Family Physician*, 61(10), 918. Retrieved from <http://www.cfp.ca/content/61/10/918.full>
111. Ogunleye, A., Manca, D., Sharma, A., & Campbell-Scherer, D. (2015). Depression, diabetes and multimorbidity: results from the Northern Alberta Primary Care Research Network Data. *Canadian Journal of Diabetes*, 39, S27–S28. Retrieved from <http://www.sciencedirect.com/science/article/pii/S1499267115001471>
112. Rigobon, A., Birtwhistle, R., Khan, S., Barber, D., Biro Morkem, Rachael, S., Janssen, I., & Williamson, T. (2015). Adult obesity prevalence in primary care users: An exploration using Canadian Primary Care Sentinel Surveillance Network (CPCSSN) data. *Canadian Journal of Public Health*, 106(5), e283–289. Retrieved from <https://link.springer.com/content/pdf/10.17269%2Ffcjph.106.4508.pdf>

2014

113. Aliarzadeh, B., Greiver, M., Moineddin, R., Meaney, C., White, D., Moazzam, A., Moore, K., & Belanger, P. (2014). Association between socio-economic status and hemoglobin A1c levels in a Canadian primary care adult population without diabetes. *BMC Family Practice*, 15(1), 7. <https://doi.org/10.1186/1471-2296-15-7>
114. Birtwhistle, R., & Williamson, T. (2014). Primary Care Electronic Medical Records: a new data source for research in Canada. *CMAJ*, 187(4), 239–240. <https://doi.org/10.1503/cmaj.140473>

115. Edge, D.S., Corbin, R., Williamson, T., VanDenKerkhof, E.G., Tranmer, J.E., & Lukewich, J. (2014). Identification, summary and comparison of tools used to measure organizational attributes associated with chronic disease management within primary care settings. *Journal of Evaluation in Clinical Practice*, 20(6), 1072–1085. <https://doi.org/10.1111/jep.12172>
116. Gagnon, J., Leggett, J.A., Richard, C., & Lussier, M.T. (2014). Facilitating informed consent for EMR research in Quebec/Faciliter le consentement éclairé pour l'utilisation des DME en recherche au Québec. *Canadian Family Physician • Le Médecin de Famille Canadien*, 60(1), 90/e91. Retrieved from <http://www.cfp.ca/content/60/1/e91>
117. Greiver, M., Williamson, T., Barber, D., Birtwhistle, R., Aliarzadeh, B., Khan, S., Morkem, R., Halas, G., Harris, S., & Katz, A. (2014). Prevalence and epidemiology of diabetes in Canadian primary care practices: a report from the Canadian Primary Care Sentinel Surveillance Network. *Canadian Journal of Diabetes*, 38(3), 179-185. <https://doi.org/10.1016/j.cjcd.2014.02.030>
118. Keshavjee, K., Williamson, T., Martin, K., Truant, R., Aliarzadeh, B., Ghany, A., & Greiver, M. (2014). Getting to usable EMR data/En arriver à des données de DME utilisables. *Canadian Family Physician • Le Médecin de Famille Canadien*, 60(4), 392/e243. Retrieved from <http://www.cfp.ca/content/60/4/392.full.pdf>
119. Maddocks, H., Ryan, B., Shadd, J., Terry, A.L., & Chevendra, V. (2014). Identifying new referrals from FPs using EMRs/Identifier les nouvelles demandes de consultation par les MF à l'aide des DME. *Canadian Family Physician/Le Médecin de Famille Canadien*, 60(10), 949/e502-e503. Retrieved from <http://www.cfp.ca/content/60/10/949.full>
120. Terry, A., Stewart, M., Fortin, M., Wong, S., Kennedy, M., & Burge, F. (2014). Gaps in primary healthcare electronic medical record research and knowledge: findings of a Pan-Canadian study. *Healthcare Policy*, 10(1), 46. Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4253895/>
121. Williamson, T., Birtwhistle, R., Khan, S., Garies, S., Wong, S., Natarajan, N., Manca, D., Drummond, N., & Green, M. (2014). Validating the 8 CPCSSN case definitions for chronic disease surveillance in a primary care database of electronic health records. *Annals of Family Medicine*, 12(4), 367–372. <https://doi.org/10.1370/afm.1644>
122. Williamson, T., Lambert-Lanning, A., Martin, K., Leggett, J.A., Morkem, R., Khan, S., & Birtwhistle, R. (2014). Primary health care intelligence: the 2013 progress report of the Canadian Primary Care Sentinel Surveillance Network. Retrieved from http://cpcssn.ca/wp-content/uploads/2014/04/CPCSSN_2012_13_reportEN.pdf
123. Williamson, T., Lévesque, L., Morkem, R., & Birtwhistle, R. (2014). CPCSSN's Role in improving pharmacovigilance/Le rôle du RCSSSP dans une meilleure pharmacovigilance. *Canadian Family Physician • Le Médecin de Famille Canadien*, 60(7), 678-680. Retrieved from <http://www.cfp.ca/content/60/7/678.full.pdf+html>
124. Wong, S., Manca, D., Barber, D., Morkem, R., Khan, S., Kotecha, J., Williamson, T., Birtwhistle, R., & Patten, S. (2014). The diagnosis of depression and its treatment in Canadian primary care practices: an epidemiological study. *CMAJ Open*, 2(4), E337–E342. <https://doi.org/10.9778/cmajo.20140052>

2013

125. Collins, K., Aubrey, K., Godwin, M., Oake, J., & Asghari, S. (2013). Prevalence of dyslipidemia in Newfoundland adults: approaches to estimation using electronic medical records. *Journal of Epidemiology and Community Health*, 67(4), e1. <https://doi.org/10.1136/jech-2013-202386.4>
126. Garies, S., Jackson, D., Aliarzadeh, B., Keshavjee, K., Martin, K., & Williamson, T. (2013). Improving Usability of Smoking Data in EMR systems/Améliorer la capacité d'utiliser les données sur le tabagisme dans les DME. *Canadian Family Physician • Le Médecin de Famille Canadien*, 59(1), 108, e60-61. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/23341669>

127. Greiver, M., Williamson, T., Bennett, T.-L., Drummond, N., Savage, C., Aliarzadeh, B., Birtwhistle, R. V., & Khan, S. (2013). The Canadian Primary Care Sentinel Surveillance Network (CPCSSN): Developing a method to estimate practice denominators for a national Canadian electronic medical record database. *Family Practice*, 30(3), 347-354. <https://doi.org/10.1093/fampra/cms083>
128. Kadhim-Saleh, A., Green, M., Williamson, T., Hunter, D., & Birtwhistle, R. (2013). Validation of the diagnostic algorithms for 5 chronic conditions in the Canadian Primary Care Sentinel Surveillance Network (CPCSSN): A Kingston Practice-based Research Network (PBRN). *Journal American Board Family Medicine*, 26(2), 159-167. <https://doi.org/10.3122/jabfm.2013.02.120183>
129. Keshavjee, K., Williamson, T., Natarajan, N., & Spafford, K. (2013). Canada's Chronic Disease Surveillance Network is now live. *Canadian Healthcare Technology*, 18(4), 21-22. Retrieved from <http://www.canhealth.com/emags/cht1305/>
130. Puyat, J. H., Marhin, W. W., Etches, D., Wilson, R., Martin, R. E., Sajjan, K. K., & Wong, S. T. (2013). Estimating the prevalence of depression from EMRs/Estimer la prévalence de la dépression à partir des DME. *Canadian Family Physician • Le Médecin de Famille Canadien*, 59(4), 445, e212-213. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/23585613?dopt=Abstract>
131. Torti, J., Duerksen, K., Forst, B., Salvalaggio, G., Jackson, D., & Manca, D. (2013). Documenting alcohol use in primary care in Alberta/Documenter la consommation d'alcool en soins primaires en Alberta. *Canadian Family Physician • Le Médecin de Famille Canadien*, 59(10), 1128, e473- 474. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/24130290?dopt=Abstract>
132. Williamson, T., Natarajan, N., Barber, D., Jackson, D., & Greiver, M. (2013). Caring for the whole practice - the future of primary care / Voir la pratique dans son intégralité: L'avenir des soins primaires. *Canadian Family Physician • Le Médecin de Famille Canadien*, 50(7), 800, e341-342. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/23851550?dopt=Abstract>

2012

133. Greiver, M., Keshavjee, K., Martin, K., & Aliarzadeh, B. (2012). Who are your patients with diabetes?: EMR case definitions in the Canadian Primary Care setting/Qui sont vos patients atteints de diabète? Définition des cas dans les DME en milieux de soins primaires au Canada. *Canadian Family Physician • Le Médecin de Famille Canadien*, 58(7), 804/e421-422. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22798469>
134. Greiver, M., Keshavjee, K., Jackson, D., Forst, B., Martin, K., & Aliarzadeh, B. (2012). Sentinel Feedback: Path to Meaningful Use of EMRs/Rétroaction de la Sentinelle: une voie vers une utilisation significative des DME. *Canadian Family Physician • Le Médecin de Famille Canadien*, 58(10), 1168/e611-612. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/23064927>
135. Kotecha, J. A., Putnam, W., Birtwhistle, R. V., Lussier, M.-T., & Nagpurkar, A. (2012). Practice recruitment/recrutement de pratiques. *Canadian Family Physician • Le Médecin de Famille Canadien*, 58(5), e298-299/e300-301. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22586206>
136. Lussier, M.-T., Richard, C., Bennett, T.-L., Williamson, T., & Nagpurkar, A. (2012). Surveillance or Research: What's in a Name?/Surveillance ou recherche: le sens des mots. *Canadian Family Physician • Le Médecin de Famille Canadien*, 58(1), 117, e80-81. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22267632>
137. Peckham, S., & Hutchison, B. (2012). Developing primary care: The contribution of primary care research networks. *Healthcare Policy*, 8(2), 56. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3517873/>

2011

138. Birtwhistle, R. (2011). Canadian Primary Care Sentinel Surveillance Network (CPCSSN): A Developing Resource for Family Medicine and Public Health/Réseau canadien de surveillance sentinelle en soins primaires Une ressource en évolution pour la médecine familiale et la santé publique. *Canadian Family Physician • Le Médecin de Famille Canadien*, 57(10), 1219–1220, e401- 402. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/21998241>
139. Greiver, M., Aliarzadeh, B., Moineddin, R., Meaney, C., & Ivers, N. (2011). Diabetes screening with hemoglobin A1c prior to a change in guideline recommendations: prevalence and patient characteristics. *BMC Family Practice Journal*, 12(91), 1–7. <https://doi.org/10.1186/1471-2296-12-91>
140. Greiver, M., Barnsley, J., Aliarzadeh, B., Krueger, P., Moineddin, R., Butt, D. A., Dolabchian, E., Jaakkimainen, L., Keshavjee, K., White, D., & Kaplan, D. (2011). Using a data entry clerk to improve data quality in primary care electronic medical records: a pilot study. *Journal of Innovation in Health Informatics*, 19(4), 241–250. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22828579>
141. Keshavjee, K., Chevendra, V., Martin, K., Jackson, D., Aliarzadeh, B., Kinsella, L., Turcotte, R., Sabri, S., & Chen, T. (2011). Design and testing of an architecture for National Primary Care Chronic Disease Surveillance Network in Canada. *IOS Press EBooks International Perspectives in Health Informatics/Studies in Health Technology and Informatics (Series)*, 164, 341–345. <https://doi.org/10.3233/978-1-60750-709-3-341>
142. Kotecha, J. A., Manca, D., Lambert-Lanning, A., Keshavjee, K., Drummond, N., Godwin, M., Greiver, M., Putnam, W., Lussier, M.-T., & Birtwhistle, R. (2011). Ethics and privacy issues of a practice-based surveillance system: need for a national-level institutional research ethics board and consent standards. /Questions d'éthique et de confidentialité concernant un système de surveillance de la pratique névesssi. *Canadian Family Physician • Le Médecin de Famille Canadien*, 57(10), 1165–1173. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/21998237>

2009

143. Birtwhistle, R., Keshavjee, K., Lambert-Lanning, A., Godwin, M., Greiver, M., Manca, D., & Lagacé, C. (2009). Building a Pan-Canadian Primary Care Sentinel Surveillance Network: Initial Development and Moving Forward. *Journal American Board Family Medicine* 2009, 22((4) July- August), 412–422. <https://doi.org/10.3122/jabfm.2009.04.090081>