

Spring 2019 Activities

As EnACT supports multiple projects in various ways, we are reporting on activities that take a dedicated amount of time and people for research coordination, data management, etc. Please contact us if you would like further information on the projects named here, other work we do, or EnACT in general. tkbarber@ualberta.ca

Project Activities:

[BedMed Initiative](#) – A pragmatic trial led by [Dr. Scott Garrison, University of Alberta](#) switching from morning to bedtime prescribing of antihypertensive medication and the impact of this change if implemented across Alberta

- Screened 2932 patients; 2058 of which have been randomized
- Sub-study BedMed Frail is getting ready to launch this summer
- We presented at Family Medicine Summit in Banff
- We will be presenting to the SPOR Pragmatic Trials Course in June on engaging primary Care, Pragmatic Trial Methods and Patient Engagement March

[CPCSSN](#) - Canadian Primary Care Sentinel Surveillance Network - A primary care research initiative—it is the first pan-Canadian multi-disease electronic medical record surveillance system. EnACT supports both the [NAPCReN](#) and [SAPCReN](#) arms of CPCSSN in Alberta via our Data Manager

- Nothing new to report

[Family Physician Patient Volume](#) – A biphasic study led by [Dr. Terrence McDonald \(UCalgary/UAlberta\)](#) in collaboration with [ARES AHS](#) and using [AH](#) administration data to explore the demographics of high volume physicians in AB and to examine the relationship between the volume of patients seen by physicians in Alberta and patient health outcomes

- Our new data set has arrived – it spans 2003-2018 from 10 different data repositories
- We received 2nd place Reviewer's Choice Award at the Family Medicine Summit Research Showcase for our oral presentation *A Novel Normative Approach to Counting GPs – Are We Really THAT Off?* (Banff, AB March 2019)
- We presented at Research Rounds, University of Alberta on April 25th
- We are giving two oral presentations at the Canadian Association for Health Services and Policy Research (CAHSPR) in Halifax (May 2019)
- We are submitting a manuscript to CMAJ open in May

[INRange](#) – A pragmatic trial led by [Dr. Scott Garrison, University of Alberta](#) to study the effectiveness of taking WAFARIN at breakfast rather than at dinner

- Nothing new to report

[KOASK](#) - A project led by [Drs. Deborah Marshall and Behnam Sharif, University of Calgary](#) in collaboration with [PaCER](#) and EnACT to co-develop (with patients and physicians) a self management and risk calculator tool for knee osteoarthritis

- Our manuscript has been published in BMJ Open:
<http://bmjopen.bmj.com/cgi/content/full/bmjopen-2018-024016>

Nurse Practitioners in Alberta – A 3-part study led by [Dr. Tammy O'Rourke, University of Alberta/Dalhousie University](#) on the role of Nurse Practitioners in Canada's three Western provinces

- We are waiting for results from the MSI competition
- We are looking at conducting a case study examination of LPN work in rural primary health care settings
- We presented at the National Organization of Nurse Practitioner Faculties in Atlanta Georgia; The Canadian Association of Schools of Nursing, and within the local Edmonton community

Using Cognitive Task Analysis (CTA) in Primary Care – projects led by EnACT

- We are collaborating with 3 PCNs to study Improvement Facilitators being trained in, and using, a variant of CTA to help support and move the patient's medical home forward
- We presented at the Family Medicine Summit in Banff this March and will be presenting at CAHSPR in May 2019, Halifax, NS
- Data analysis is almost complete for the Integration pilot study to look at family physician and specialist physician mental models of the referral process

Upcoming Projects:

Understanding and Intervening to Reduce Antibiotic Prescribing in Primary Health Care: A cognitive task analysis and participatory intervention - A project led by [Dr. Myles Leslie](#), University of Calgary to explore the factors shaping anti-biotic prescription decisions in community based adult primary care as well as which evidence-based interventions to reduce anti-biotic prescribing, adapted to local contexts, are preferred by adult primary care prescribers. how we can implement effective performance indicators. This project will also look at how the uptake of these adapted interventions shape the pursuit of existing QI and policy priorities.

- Planning meetings have been arranged, and ethics will be applied for.
- We will be looking for a large PCN to participate in this project

Cirrhosis Care Alberta (CCAB): A pragmatic multi-centre quality improvement project evaluating the effectiveness, patient and provide acceptability and cost-utility of an evidence based cirrhosis admission/discharge bundle - This project led by [Dr. Puneeta Tandon](#), University of Alberta will include a CTA sub-study led by EnACT to gain insight into primary care and specialty care's understanding of advanced liver disease and the co-management of patients. Perceptions of clarity of roles, barriers, and solutions will be examined.

- Planning meetings have been arranged, and ethics will be applied for.
- We will be looking family and specialty physicians as interview participants