



Fall 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

New:

- Our final report on the Integration pilot study looking at family physician and specialist mental models of the referral process is available on our website: <https://primarycareresearch.ca/>
- We have provided consultation to the Alberta Clinical Research Consortium (ACRC), also funded by Alberta Innovates, with ongoing support on their Clinical Research in the Community Working Group. The ACRC recently launched a new online resource for Alberta “The Alberta Clinical Research Roadmap” to assist in navigating all of the resources available in Alberta; where EnACT is linked in many topic areas as a resource. Check out their new site: <http://acrc.albertainnovates.ca/>
- EnACT by the Numbers has been updated to represent our work up to 2019. Check it out on our website and click on “By the Numbers 2019” <https://primarycareresearch.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 3282 patients; 2229 of which have been randomized
- We surpassed the original MAPEC Trial’s numbers in Sept 2019!
- Study is active in AB, BC, MB, in progress (ethics) in ON & evaluating feasibility in SK
- Sub-study BedMed Frail has launched and will partner with 21 LTC/SL facilities in AB

Cirrhosis Care Alberta (CCAB): an evidence-based cirrhosis admission/discharge bundle - This project evaluating the effectiveness, patient and provider acceptability and cost-utility of a cirrhosis admission/discharge care bundle led by Dr. Puneeta Tandon (UAlberta), will include a Cognitive Task Analysis (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.

- Completed 17 interviews and 7 analysis sessions to date

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

- Presented a workshop called *Using CPCSSN EMR data and Data Presentation Tool in community-based, pragmatic, registry trials in primary care* at the North American Primary Care Research Group (NAPCRG) conference



Development, Implementation and Evaluation of an Innovative Integrated Supportive Care Pathway by Primary Care across Alberta

– Led by Dr. Sara Davison (UAlberta) and building on her Conservative Kidney Management Pathway work, this project looks to co-design and co-implement an Integrated Supportive Care Pathway that will be part of one mechanism for primary care and specialty joint care of Chronic Diseases. EnACT is providing specific training on Diffusion of Innovations theory and a variant of CTA to Practice Facilitators in order to identify & understand early majority teams and how best to support them as they implement the pathway.

- We continue to work closely with the team as they move forward
- Interested PCNs and practices should reach out to Kirby Scott:
Kirby.Scott@albertahealthservices.ca

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

- We are partnering with IC/ES (Dr. Rick Glazier) on Alberta-Ontario General Practitioner Supply and Practice Patterns, we plan to describe physician supply across the two provinces based on our own novel service day method of calculating General Practitioner supply based on service day
- We submitted to the Fall CIHR Project Grant – *General Practitioner Patterns of Practice, Health Service Utilization and Patient Health Outcomes*

INRange

– A pragmatic trial led by Dr. Scott Garrison (UAlberta) to study the effectiveness of taking WAFARIN at breakfast rather than at dinner

- Publication pending later this year in the Annals of Family Medicine

KOASK

– A project led by Dr. Deborah Marshall (UCalgary) in collaboration with PaCER and EnACT to co-develop (with patients and physicians) a self-management and risk calculator tool for knee osteoarthritis

- We are preparing our second manuscript

MinMed

– A pragmatic trial led by Dr. Scott Garrison (UAlberta) to study medication minimization in the frail and elderly

- Has advanced to Stage 2 of the Alberta Innovates PRIHS V competition

Nurse Practitioners in Alberta

– A 3-part study led by Dr. Tammy O'Rourke (UAlberta) on the role of Nurse Practitioners in Canada's three Western provinces

- Awarded \$27,468 from MSI “Boosting PCN Performance: Understanding and enhancing utilization of nurses in Alberta’s primary care system”
- Awarded \$70,000 from CFHI “Advancing Frailty Care in the Community”
<https://www.cfhi-fcass.ca/WhatWeDo/advancing-frailty-care-in-the-community>
- We are looking at conducting a case study examination of LPN work in rural primary health care settings with funding from RhPAP
- We are launching the NP survey in PEI adding to the data from AB, SK, MB

Using Cognitive Task Analysis (CTA) in Primary Care

- Our final report on the Integration pilot study looking at family physician and specialist mental models of the referral process is available on our website:
<https://primarycareresearch.ca/>
- We are collaborating with 2 PCNs to test training Practice Facilitators in a variant of CTA to help support and move the patient’s medical home forward



- We have published an article on our findings around team mental models in primary care:
http://www.annfammed.org/content/17/Suppl_1/S50.abstract

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 (UCalgary) 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 has been applied for

*EnACT wishes everyone a
happy and healthy
upcoming holiday season!*

