

May & June 2018 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:

- BedMed has been in the news!

<https://globalnews.ca/video/rd/1266529347584/>

- Family Physician Patient Volume Phase 1 results are published!

<http://cmajopen.ca/content/6/3/E254.full>

- Check out the CAHSPR conference presentations!

<https://www.cahspr.ca/en/conferences/current/2018>

Project Activities:

Examining the factors influencing primary health care reform - A project led by [Dr. Stephanie Montesanti](#), University of Alberta in collaboration with the Primary Health Care Integration Network and Alberta Health to analyse (via a retrospective policy analysis) the dynamics of the policy context that shaped the implementation and adoption of the primary health care pilot projects in Alberta.

- We received a CIHR SPOR PIHCIN comparative policy analysis grant for our study with Dr. Nelly Oelke from UBC: Supporting integration through primary health care teams: A comparative policy analysis across four Canadian Provinces
- We have completed a rapid review synthesis on transitions that was commissioned by the Primary Health Care Integration Network

AFPEE – A pragmatic trial led by [Dr. Michael Kolber, University of Alberta](#) to determine if family physician colonoscopists are reaching quality assurance benchmarks

- EMPRSS Inc (Electronic Medical Procedure Reporting Systems Incorporated) in the Alberta North Zone now has 10 physicians participating in 4 sites

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

- After the broadcast of the Global News interview, the study has had a huge boost in public & physician interest!
- Screened 1934 patients; 1171 of which have been randomized
- 158 physicians have mailed 16,799 letters
- Dr. Garrison, Study Coordinator & 2 public Working Group members were invited to attend the SPOR Summit in November 2018

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

- The DPT project is now in the reporting and evaluation phase; we're analyzing clinical metrics, and looking back at the feedback we've received from our users

- We have been invited to apply for an extension of the project through 2020 to bring the DPT to all the CPCSSN networks in Canada

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 were successful in receiving 2 years of funding from the MSI Foundation grant which will fund Phase 2 of the study exploring the relationship between health outcomes and family physician patient volumes
- The manuscript for Phase I of the study will be published in July by CMAJ-Open
- We are working on two studies with Calgary Lab Services researcher, Dr. Chris Naugler; these will explore the variation of total lab-utilization for GPs providers (high volume and non-high volume) in the Calgary zone, as well lab utilization (and cascade of testing) connected with periodic health examinations
- Our data set is now stored both at UAlberta and UCalgary and an expansion of the current data set has been requested to now include: 2003-2017, facilitating the exploration of a number of longitudinal research questions relating to billing code use (including the complex fee code), as well as practice patterns in primary care within the medical home and PCN evolution
- We successfully presented at the Canadian Association for Health Services and Policy Research (CAHSPR), Montreal, PQ 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

- Our submission to the Lancet was declined, so we are looking to other journals for publishing our final results

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

- We have completed our work with patients and physicians to test our Minimum Viable Product (MVP) of the app and are currently analysing the data and feedback
- Manuscript 2 is well underway, and we are waiting to hear word regarding Manuscript 1

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

- The Expression of Interest to the Alberta Innovates PRIHS 4 funding competition was not successful; however, we continue to look for other funding opportunities

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

- Our abstract to the North American Primary Care Research Group (NAPCRG) (Chicago, Nov 2018) was successful!
- The Lunch & Learn session for Alberta Health in May was well attended and stirred quite a discussion on the spread and scale of transformational health initiatives in Alberta
- The CTA training session went well and our new field staff and the postdoctoral students are looking forward to using their new skills

- Our Expression of Interest to the AI PRIHS 4 competition was not successful, however the team in looking at conducting a pilot study to gather more data and will then continue to apply for larger funding
- We are preparing a manuscript to submit to Annals of Family Medicine
- We are also working on a KT work plan in order to showcase our key CTA findings

Valley of Death- A CTA project conducted with [TOP](#) to bridge the dissemination gap (valley of death) between pilot results to full uptake/implementation by studying the mental models of early adopters and early majority primary care teams

- Our presentation at CAHSPR in May went very well and we made several connections that may lead to further collaborations or providing CTA training to teams in other provinces

Scaling Up Chronic Disease Management in AB – A CTA project conducted with [TOP](#) to gain a broader understanding of the different ways that different teams (not just the leading edge ones) “do” CDM in Alberta

- We will be presenting our findings to the Office of the Auditor General in July and the PCN Strategic Forum in September
- We are preparing a report as part of our KT work plan that will present our findings for CDM and Valley of Death

Physician Champions – A Cognitive Task Analysis (CTA) project to explore the physician champion model used by [Towards Optimized Practice](#) (TOP) and its effectiveness in Alberta. Conducted in collaboration with TOP and [Dr. Georges Potworowski, University of Albany](#)

- We are working on a manuscript to present our pilot findings
- The pilot findings continue to be used to help guide the Physician Leads Network development process, for instance the findings have been used to support a physician Leadership System Transformation Blueprint, which was presented at the National Health Leadership Conference (NHLC) in June in St John’s NFL.