

## November 2017 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.

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### New:

#### - Board Member Dr. Mark Wylie reflects on NAPCRG:

I recently attended NAPCRG for the first time and would like to share some thoughts regarding this event as a Primary Care Physician and as a board member of EnACT.

While initially this event was a little overwhelming with regard to the scope of research being presented; it was difficult to determine which sessions to best attend as there were so many that had the potential to impact my practice! I did find this conference to be quite beneficial from both perspectives. As a clinician I attended several sessions that have already impacted my daily routine in several areas. From a research perspective I would suggest this conference is quite valuable on a variety of fronts. From gathering ideas about new research areas of interest (based on current directions), to new methods for constructing studies or analyzing data - again overwhelming!

I also left with an increased enthusiasm towards research in general - and it was refreshing to see so many that are on the front lines of primary care who also somehow find the time to perform quality research!

- Please note that the upcoming December activities will be included in the January newsletter. EnACT wishes everyone a happy holiday season!

### Project Activities:

*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 presentation at APCC in Calgary was a hit! We have submitted to Annual Scientific Assembly (ASA) in Banff, March 2018 and Health Technology Assessment international (HTAi) in Vancouver, June 2018
- Preparing for team feedback on Tactica's beta version of the app
- Manuscript preparation continues
- Next steps: coordinate testing of the beta version of the app with patients and physicians

*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 had quite a bit of interest at our presentation at NAPCRG! We have submitted to ASA in Banff, March 2018
- Working on a manuscript to disseminate phase 1 results
- Submitted an LOI to MSI Foundation
- Cultivating relationships with other collaborators in MB, BC and NS interested in the topic area
- Next steps: a) seek further funding; b) continue to present to various stakeholders

*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

- Great comments and questions at FMF, APCC, and NAPCRG! We have submitted to ASA in Banff, March 2018
- 10<sup>th</sup> “teamlet” interviews completed, analysis will take place in December
- “Tips & Tricks” document for the [PaCT](#) initiative is being used for further guidance
- Creating individual reports for all teams (who have requested a report)
- Creating an executive summary of preliminary findings for dissemination purposes

*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

- Presented Pragmatic Trials poster at NAPCRG in Montreal There was a lot of interest in PTC internationally with new connections being made.
- 829 active participants enrolled in the study, 676 of which have been randomized
- 129 physicians have mailed 13,157 letters; of these physicians, 115 have patients who have been successfully screened in the study
- Working with Habit Creations to build a public and social media marketing campaign to increase awareness of the study to be launched in March 2018

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

- Presented at NAPCRG in Montreal November 2017 –a lot of interest & discussion and one new connection was made in the US.
- Spin-off company emprss Inc (Electronic Medical Procedure Reporting Systems Incorporated) will launch January 2018; this venture is supported by TEC Edmonton
- Interest and potential collaboration with emprss continues

*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

- Analysis complete
- No significant difference found between Time in Therapeutic Range (TTR) based on time of day Warfarin is taken or the consumption of green leafy vegetables
- Submitted abstract to present findings at ASA 2018
- Next steps: publication and further dissemination

*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 Alberta results are actively being disseminated to various levels of decision makers and directly to Nurse Practitioners (NPs)
- The Manitoba & Saskatchewan results are actively being analysed; preliminary results will be presented to the Manitoba Government (Nov 2017) by Co-Investigator [Dr. Elsie Duff, Saskatchewan Polytechnic](#)
- Hours of Work & Payment Sub-study results from the Alberta data are being analysed
- Analysis will be combined in 2018 to evaluate the three provinces collectively

*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

- We were a hit at Change Agents Day! We have submitted to ASA in Banff, March 2018
- 8<sup>th</sup> “teamlet” analysed
- Creating individual reports for all teams (who have requested a report)
- Creating an executive summary of preliminary findings for dissemination purposes
- Preparing for manuscript writing (combination of this project and Scaling up Chronic Disease Management)

*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](#)

- Nothing new to report

*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

- Co-authored a poster presentation at NAPCRG on the early adoption results from the Data Presentation Tool (DPT) project, and demonstrated the SUDP *Diabetes Dashboard* to even more interested parties.
- Updated all networks in the DPT project to the latest CPCSSN data extraction, extended the re-ID system to work with sites in Quebec, and adapted the DPT manual for the web.