

# Integrating risk-based care for patients with CKD in the community

## Background

Most people with CKD can be managed in the primary care setting, where the risk of progression to kidney failure can be mitigated with upstream treatments and monitoring. However, many primary care physicians may be unaware of CKD risk progression and treatment guidelines.

## Study Objectives

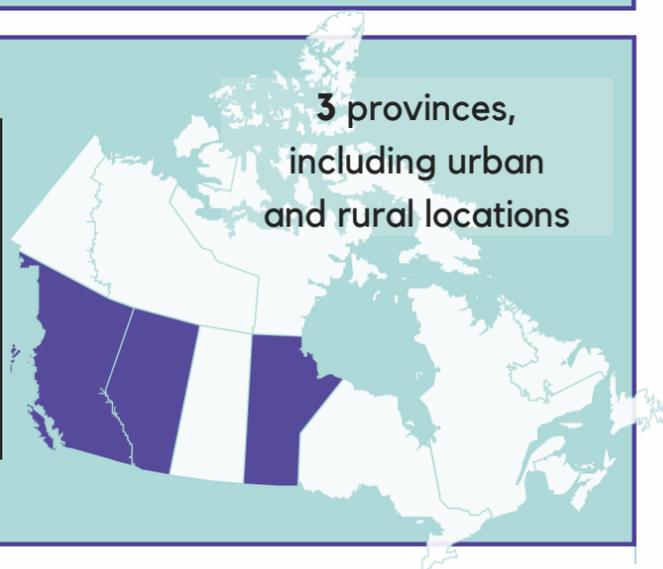
Our study is a Randomized Controlled Trial testing whether providing patients (& their primary care physicians) information about the risk of kidney failure improves CKD quality of care metrics, patient health literacy, & trust in the care that patients are receiving.

## Study Methods

The Who

32 clinics belonging to the Canadian Primary Care Sentinel Surveillance Network (CPCSSN) are being recruited and enrolled into the study. 16 clinics will receive the intervention.

The Where



The Intervention

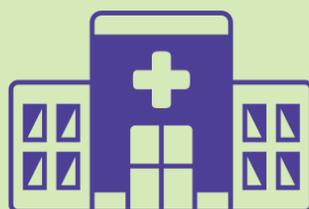
1. Integration of the Kidney Failure Risk Equation into clinics' electronic data presentation platform.
2. Decision aids & treatment info based on each patient's personalized risk.
3. Medical detailing visit presenting information on CKD monitoring and treatment guidelines.
4. Audit & Feedback reports to clinics reporting on CKD quality of care metrics.

## Achievements



Completed the development of patient and healthcare provider materials

20 clinics activated, with ongoing recruitment of patients in each clinic to complete surveys



4 publications in peer-reviewed journals, including our protocol manuscript

KT activities, including print & TV interviews, patient testimonial videos, and conference presentations



Ongoing work with external stakeholders to refine the patient materials for implementation in diverse settings

## Recent Updates

- We introduced changes to the protocol to conduct medical detailing visits virtually if in-person visits are not feasible due to COVID-19 restrictions.
- We began qualitative research exploring patient perspectives on risk prediction, as well as begun analyses of Canadian primary care databases to understand whether risk is aligned with treatment in the management of CKD.

## Activities 2021-2023.

- Continued enrollment of clinics and patient recruitment.
- Preliminary and final analyses evaluating study impact.
- Publications, and end of grant knowledge translation activities.
- Sustainability planning with patient partners, including exploring how we can further scale up the intervention to improve kidney care in Canada.