

3.3b – More Living Kidney Donor Transplants

Theme 1 – Improve the Donor Candidate Evaluation

Background

- The work-up process for living donor candidates is often long and inefficient
- A better process can improve patient experiences, outcomes, and reduce healthcare costs

Research Question

How can we improve the efficiency of the living donor evaluation?

Project Goal

- Better understand current processes
- Survey stakeholders to develop quality measures and solutions

Population

- Patients (living donors & recipients) + healthcare professionals across Canada

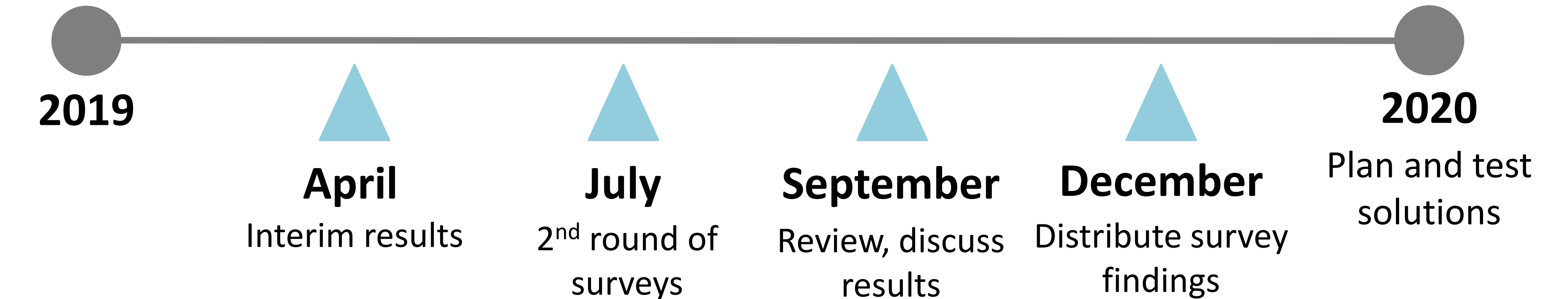
A living donor transplant occurring 3 months earlier:

- ↓ Healthcare costs
- ↓ Time on dialysis
- ↑ Living donor transplant rates

Results

- Scoping review revealed many gaps in the literature
- Time until donation ~10.3 months

Survey Timeline



Role of Patient Partners

- Led team to research this topic; helped conduct studies and interpret results

Theme 2 – Improve Access to Kidney Transplantation and Living Donation

Background

- Increasing access to kidney transplantation could:
 - ↑ Patient survival
 - ↑ Quality of life
 - ↑ Cost savings to healthcare system

Enhance Access to Kidney Transplantation and Living Kidney Donation (EnAKT LKD) Trial



Research Question

Can a multi-component quality improvement intervention increase access to kidney transplantation and living kidney donation for patients with kidney failure?

Project Goal

- Annual rate LKD in Ontario by > than 20% by 2021
- Kidney transplants (living and deceased)
- Kidney transplant referral
- Living kidney donor candidate referrals

Trial Logistics

- Randomization balancing on baseline measures
- Usual care will receive strategy in Spring 2021

Population

- All 26 CKD programs + 6 adult transplant centres in Ontario
- ~27,000 patients (16,000 in multi-care clinics and 11,000 on dialysis)

26 CKD Programs Randomized (Cluster)

Multi-component strategy vs Usual care

Multi-Component Strategy

Quality Improvement (QI) Teams at 13 CKD Programs

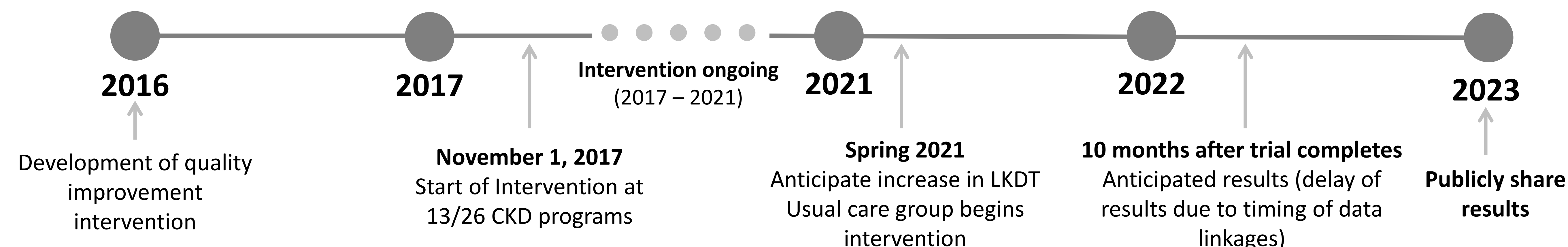
- Data (e.g., reports to programs about transplant performance)
- Education (e.g., education toolkits for staff, patients and families)
- Transplant Ambassador Program (TAP) (e.g., kidney transplant recipients and LKD discuss transplantation/donation with patients)
- Administration (e.g., provincial administrative/financial support)



Progress

- Data reports going to CKD programs
- > 200 staff have attended educational webinars
- 76 active Transplant Ambassadors
- > 1700 meaningful TAP interactions with patients
- 205 meaningful TAP interactions with potential living donors

Project Timeline



Additional Information

<http://dialysisvstransplant.ca>
<http://transplantambassadors.ca>

@TransplantAmbassadorProgram
 @transplantambassadors.ca
 @TransplantAP