

BACKGROUND

- Chronic non-cancer pain (CNCP), pain lasting ≥3 months, affects approximately 20% of Canadians.
- Medicinal cannabis is currently available with medical authorization; however, there is little health outcome data regarding long-term physical, psychological, social outcomes of patients with CNCP using cannabis.

PURPOSE

To establish a research database to collect real-world data on large samples of patients with CNCP who are using cannabis to answer the following questions:

- What are the demographic and social characteristics of patients using cannabis?
- What are the physical, psychological and social outcomes?
- What are the predictors of benefit (e.g. reduced pain, improved quality of life), harm (e.g. cannabis misuse) and unanticipated consequences (e.g. deterioration in mental health, addiction)?
- What education is necessary for effective cannabis use for patients and clinicians?
- What is the impact of cannabis use on health care resources?

METHOD

1 Participants will be recruited from collaborating sites in Canada and directed to the DataCann REDCap website.



Recruitment Sites

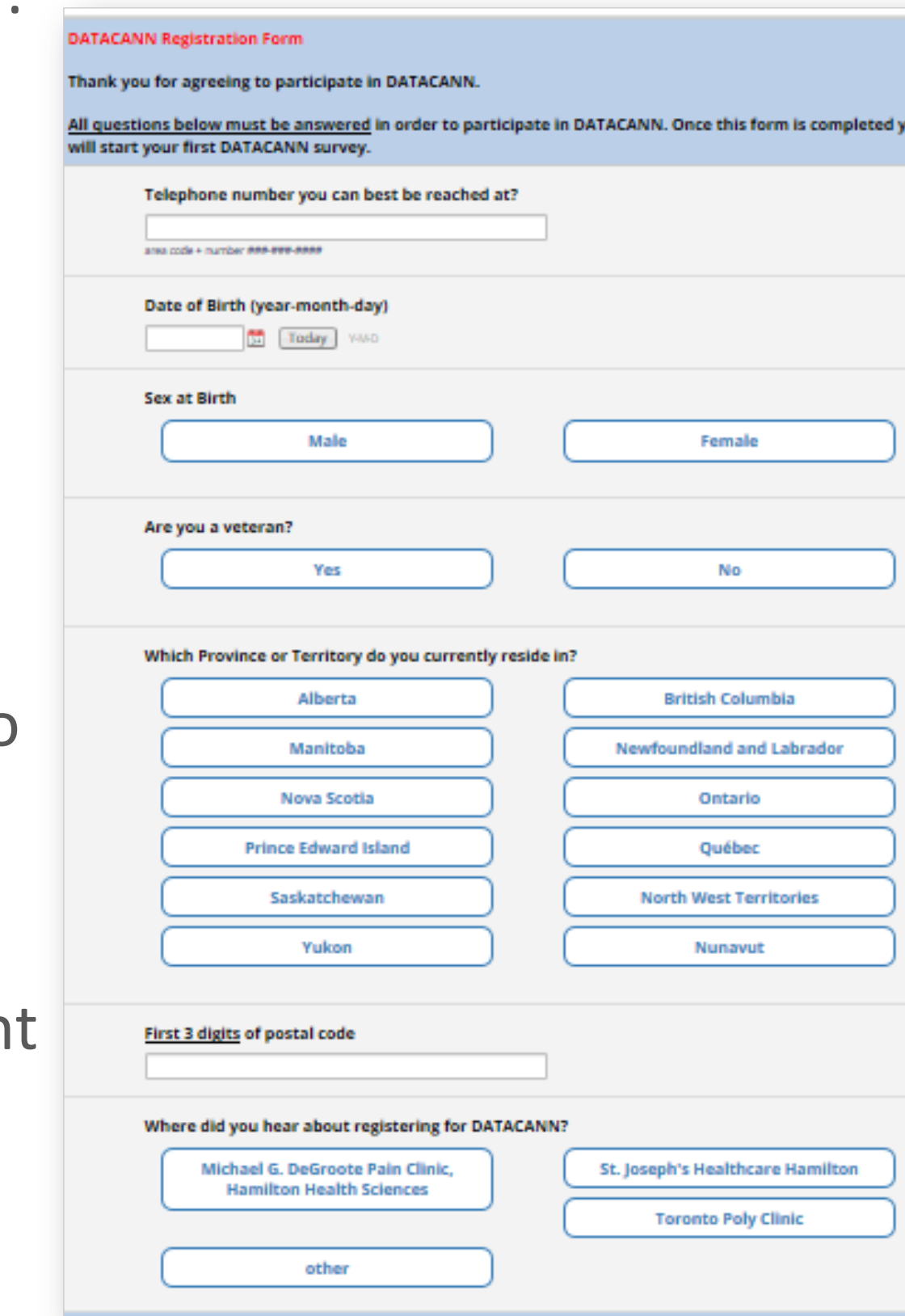
INVESTIGATOR	SITE NAME
Dr. Ramesh Zacharias	Michael G. DeGroot Pain Clinic, Hamilton Health Sciences, Hamilton, ON
Dr. Harsha Shanthanna	St. Joseph's Healthcare Hamilton, Hamilton, ON
Dr. Kevin Rod	Toronto Poly Clinic, Toronto, ON
Dr. Caroline MacCallum	Greenleaf Medical Clinic, Langley, BC
Dr. Shelley Turner	Manitoba

2 Upon accessing the website, the participant will complete the eligibility form to confirm that they:

- Are 18 or older
- Have CNCP
- Are using cannabis, and
- Are capable of completing on-line surveys.

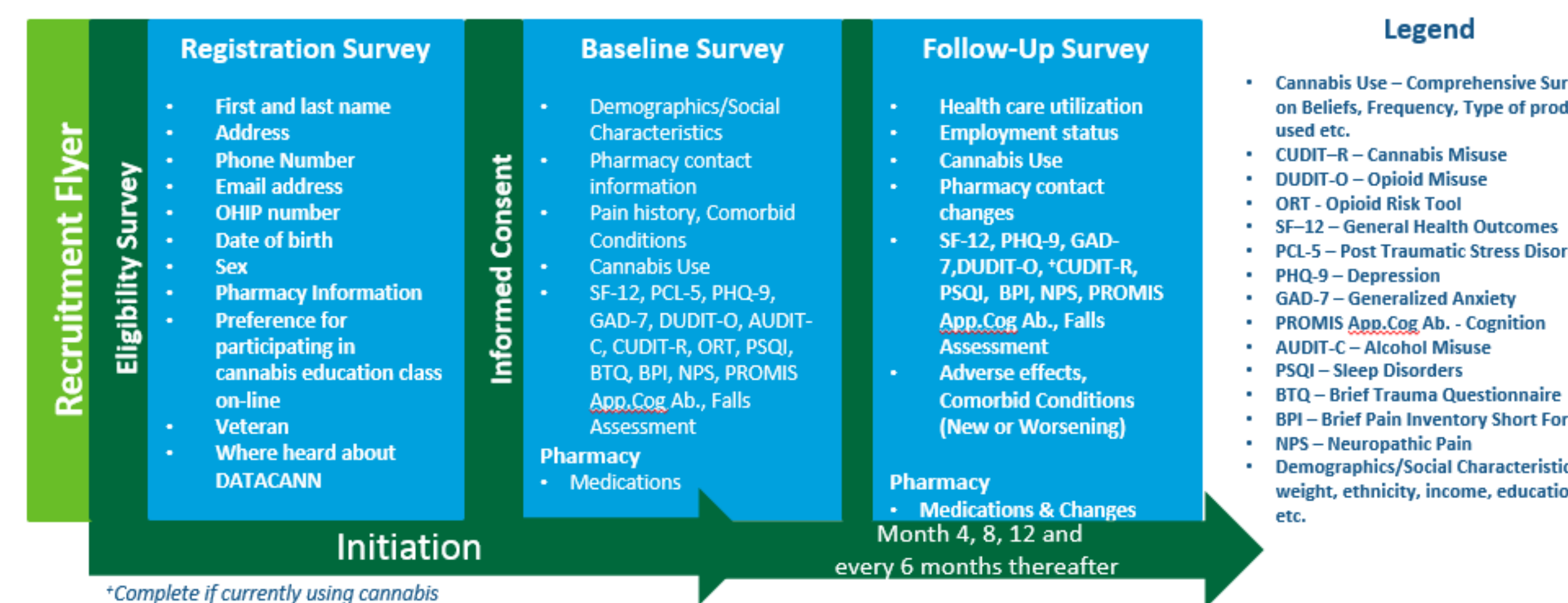
3 If eligible they will then be asked to review and complete the on-line consent form.

4 Once a participant provides consent they will complete a registration form and the baseline survey.



5. Participants will be emailed a survey link at 4, 8, 12 months and then every 6 months thereafter for approximately 5 years.

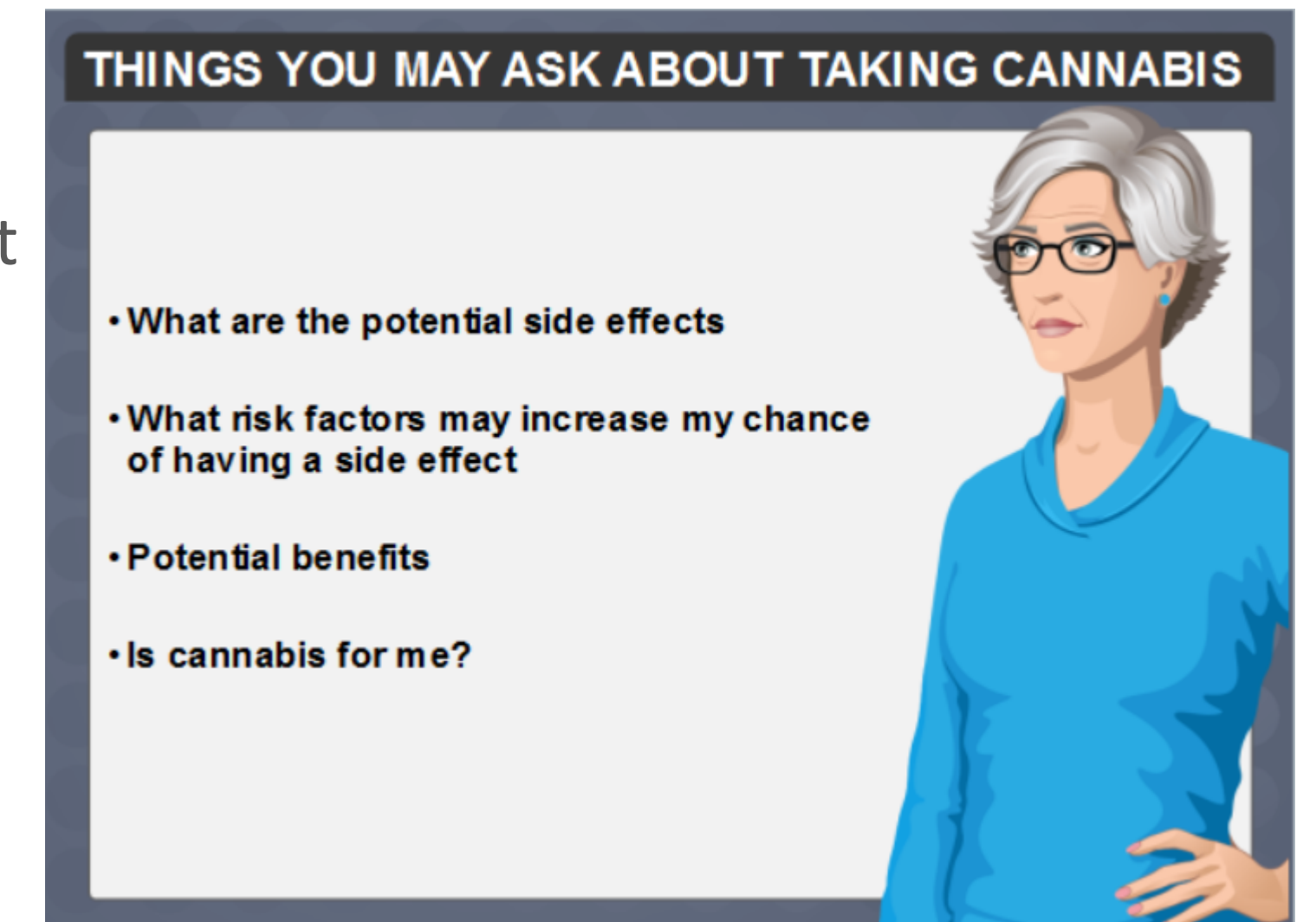
6. Data on patient medications will be collected directly from the patient's pharmacy.



e-LEARNING

Participants

- Participants will be offered the opportunity to complete e-learning modules to learn more about cannabis.
- The e-learning modules developed for DataCann participants will be tailored to meet the needs of the various user (e.g. naive, experienced, young, older).



Prescribers of Cannabis

- E-learning modules will also be developed for healthcare providers involved with patients using cannabis for CNCP. The goal will be to have this curriculum accredited.

DISCUSSION

- Investigators at sites involved in DataCann will be able to conduct research with the registry data
- The survey tools have been tested with a high degree of acceptance by pilot patients.

- DATA CANN is funded by the Michael G DeGroot Institute for Pain Research and Care (IPRC) contribution to the CIHR Strategy for Patient-Oriented Research (SPOR) Chronic Pain Network, McMaster University and the Michael G. DeGroot Pain Clinic, Hamilton Health Sciences.

- DATA CANN has approval from the Hamilton Integrated Research Ethics Board and is set to begin patient recruitment in early 2018 and will continue for a minimum of 5 years.

