

Database for Cannabis Consumption & Study

area code + number ###-###-####

Yes

Which Province or Territory do you currently reside in

Newfoundland and Labrador

Ontario

Québec

North West Territories

Nunavut

St. Joseph's Healthcare Hamilton

Toronto Poly Clinic

Manitoba

Nova Scotia

Prince Edward Island

Saskatchewan

Yukon

Where did you hear about registering for DATACANN

Hamilton Health Sciences

other

First 3 digits of postal code

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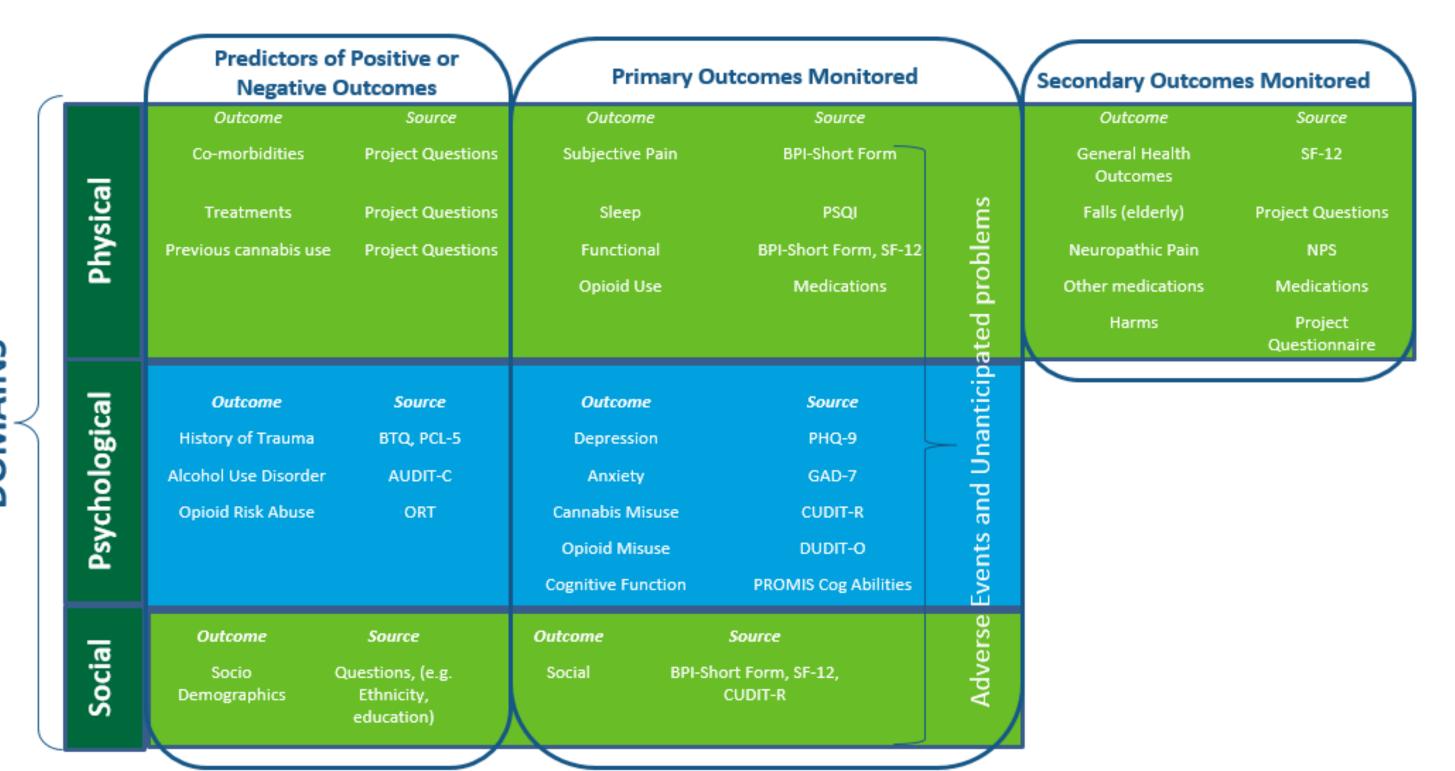
BACKGROUND

- 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

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



- **5.** Participants will be emailed a survey link at 4, 8, 12 months and then every 6 months thereafter for approximately 5 years.
- o. Data on patient medications will be collected directly from the patient's pharmacy.

Recruitment Sites

INVESTIGATOR	SITE NAME
Dr. Ramesh Zacharias	Michael G. DeGroote 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. Shellev Turner	Manitoba

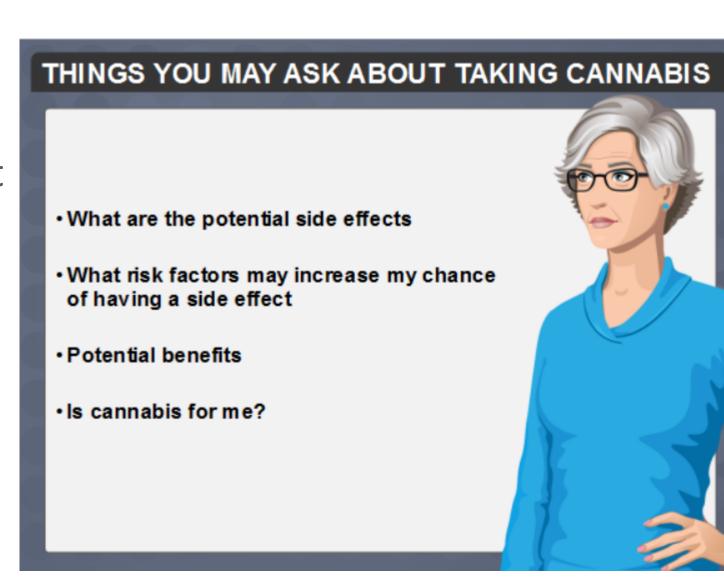
Upon accessing the website, the participant will complete the eligibility form to confirm that they:

- 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.

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 of the various user (e.g. naïve, experienced, young, older).

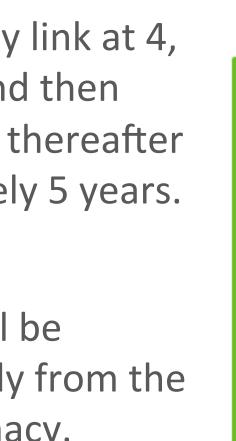


Prescribers of Cannabis

 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.
- DATACANN is funded by the Michael G DeGroote 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. DeGroote Pain Clinic, Hamilton Health Sciences.
- DATACANN 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.



Legend **Baseline Survey** Follow-Up Survey Registration Survey Cannabis Use – Comprehensive Surv Demographics/Social First and last name Health care utilization on Beliefs, Frequency, Type of produc Employment status Characteristics CUDIT-R - Cannabis Misuse Pharmacy contact Cannabis Use nformation Pharmacy contact Pain history, Comorbid changes SF-12 - General Health Outcomes SF-12, PHQ-9, GAD-Conditions Date of birth PCL-5 - Post Traumatic Stress Disorde 7,DUDIT-O, +CUDIT-R, Cannabis Use PHQ-9 - Depression Pharmacy Information SF-12, PCL-5, PHQ-9, PSQI, BPI, NPS, PROMIS GAD-7 – Generalized Anxiety GAD-7, DUDIT-O, AUDI App.Cog Ab., Falls C, CUDIT-R, ORT, PSQI Assessment participating in AUDIT-C – Alcohol Misuse BTQ, BPI, NPS, PROMIS PSQI – Sleep Disorders cannabis education class Adverse effects BTQ – Brief Trauma Questionnaire App.Cog Ab., Falls Comorbid Conditions Assessment Veteran (New or Worsening) NPS - Neuropathic Pain Where heard about Pharmacy Demographics/Social Characteristics DATACANN Medications Pharmacy weight, ethnicity, income, education. Medications & Changes Month 4, 8, 12 and Initiation every 6 months thereafter *Complete if currently using cannabis











(1) Hamilton Health Sciences Michael G. DeGroote Pain Clinic; (2) McMaster University Michael G. DeGroote Institute for Pain Research and Care; (3) McMaster University National Pain Centre; (4) McMaster University Michael G. G. DeGroote Centre for Medical Cannabis Research, (5) Hamilton Health Sciences, (6) Geriatric Medicine, McMaster University, (7) Toronto Poly Clinic, (8) McGill University Health Care; (9) St. Joseph's Healthcare Hamilton; (10) McMaster University, Department of Anesthesia; (11) McMaster University, Department of Psychiatry and Behavioural Neurosciences; (12) Peter Boris Centre for Addictions Research.