**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 of patients using cannabis?
- 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 with be recruited from collaborating sites in Canada and directed to the DataCann REDCap website.

- **STUDY ELIGIBILITY FORM**

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.

**Recruitment Sites**

<table>
<thead>
<tr>
<th>INVESTIGATOR</th>
<th>SITE NAME</th>
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<tbody>
<tr>
<td>Dr. Ramesh Zacharias</td>
<td>Michael G. DeGroote Pain Clinic, Hamilton Health Sciences, Hamilton, ON</td>
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<tr>
<td>Dr. Harsha Shantanna</td>
<td>St. Joseph’s Healthcare Hamilton, Hamilton, ON</td>
</tr>
<tr>
<td>Dr. Kevin Rod</td>
<td>Toronto Poly Clinic, Toronto, ON</td>
</tr>
<tr>
<td>Dr. Caroline MacCallum</td>
<td>Greenfield Medical Clinic, Langley, BC</td>
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<tr>
<td>Dr. Shelley Turner</td>
<td>Manitoba</td>
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**DISCUSSION**
- Prescribers of Cannabis
  - E-learning modules also will be developed for healthcare providers involved with patients using cannabis for CNCP. The goal will be to have this curriculum accredited.

- 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.

**e-LEARNING**
- Participants will be offered the opportunity to complete e-learning modules to learn more about cannabis.
- 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.

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**DataCann**
- Hamilton Health Sciences.
- McMaster University.
- Michael G. DeGroote Institute for Pain Research and Care.
- McMaster University for National Pain Centre.
- Michael G. DeGroote Centre for Medical Cannabis Research.
- St. Joseph’s Healthcare Hamilton.
- Peter Boris Centre for Addictions Research.

**Investigators at sites involved in DataCann will be able to conduct research with the registry data**

**Participants**
- Participants will be offered the opportunity to complete e-learning modules to learn more about cannabis.
- 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.

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- Investigators at sites involved in DataCann will be able to conduct research with the registry data.