

Research

DATA CANN

This is a cohort database project will provide an opportunity to collect data over time on patients who are living with CNCP, prescribed medical cannabinoids for the purpose of research. This resource will allow researchers to conduct valuable research such as determining characteristics of CNCP using cannabinoids, monitoring, evaluation and reporting on CNCP patients using cannabinoids, identifying benefits, harms and unintended consequences, health care utilization, identifying factors associated with higher risk of poor outcome following prescription of medical cannabis, and help inform avoidance of prescribing cannabis among patients at high risk for adverse events. Finally, this data set is intended to provide evidence to inform decision making, generate research hypothesis, future research initiatives and development of policies, practices and programs involving cannabis.

For more information or to participate go to: datacann.mcmaster.ca or contact Jennifer Anthonypillai, Research Coordinator, at anthonypij@hhsc.ca or 905-521-2100 ext. 74279.

Upcoming – DATA CANN 2.0 – DATA CANN For Veterans

CUDIT-R

The primary objective of this study is to determine whether the Cannabis Use Disorder Identification Test-Revised (CUDIT-R) and the Marijuana Consequences Questionnaire (MACQ) accurately screen for cannabis use disorder compared to a structured clinical interview in a sample of patients with chronic pain who are using cannabis for medical purposes.

Waiting Room Survey

The purpose of the study is to conduct chronic pain patients' needs assessment from a patient perspective. Patient waiting room surveys will provide us with regional, real-time snapshots into access problems and wait times being experienced by patients with chronic pain. They will be critical in informing the creation of tailored chronic pain eConsult service in each region.

iCanCope

The aim of this research is to evaluate the effectiveness of iCanCope with Pain, the first integrated smartphone and web-based program for AYA aged 15-25 years with chronic pain.

RECOUP

The purpose of this study is to evaluate the effectiveness of the Transitional Pain Service Program in weaning patients off of opioids.

Retrospective Opioid Cannabis Chart Review (ROCCR)

High usage of opioids has led to suboptimal pain outcomes, dependence and addiction/diversion, alternative medication therapy is routinely suggested and utilized. Many individuals suffering from chronic pain have either attempted a cannabis trial or are interested in supplementing with medical cannabis. The primary objective of this study is to determine the degree to which cannabis has modulated opioid consumption at 6 months after the initiation of medical cannabis in chronic non-cancer pain patients.

Clinic Retrospective Review

In 2015 the Michael G. DeGroote Pain Clinic opened. The opening of the clinic brought together an interventional group that was previously housed at the Hamilton General Hospital and a multidisciplinary group that was at Chedoke. The clinic is an interdisciplinary team with expertise



Hamilton Health Sciences



in the management and treatment of chronic pain with the goal to support adaptive changes to improve daily functioning, productivity and overall quality of life. Since that time the clinic has increased in allied health professionals, physicians, administrative, and research staff, and has developed many pain specific programs. In addition, the clinic has increased the number of patients seen since opening in 2015. The retrospective chart review aims to describe the socio-demographic characteristics of the clinic's patients, medical data and clinic information (e.g., programs and treatments available, number of participants who have been involved in programs, staff compliment). The benefit of this review will be to provide knowledge to assess the socio-demographic population attending the clinic since 2015 to inform decision making about future program development at the clinic which aimed at meeting the needs of the patient socio-demographic seen.

Pain Program – Research Databases

Pelvic Pain Program Database

The database includes information on outcomes for pelvic pain patients who have participated or are participating in the OHIP funded Interdisciplinary Chronic Pelvic Pain Program at the Michael G. DeGroote Pain Clinic. Data is collected before the program, at the end of the program and 3 months after the program was completed. The database will serve to provide data for research (HiREB approved), quality improvement and Ministry Reporting. This database began in May 2018. The program occurs for a half-day once a week for 8 weeks. Each day includes: group physiotherapy/ fitness, a psycho-education class, and a mindful relaxation component. Psycho-educational classes include: The Science of Chronic Pain, Anatomy of Pelvic Floor Health and Flare-ups, the Anti-Inflammatory Diet, Pharmacotherapy and Sleep, Pacing and Activation, and Communication and Sexual Intimacy. Psychological intervention groups include: Emotion Regulation, and a Trauma-Focused Workshop.

OHIP Program Database

Patients attend a 1-day a week program for 8 weeks. The database includes information on outcomes for chronic pain patients who have participated or are participating in the OHIP funded Interdisciplinary Chronic Pain Program at the Michael G. DeGroote Pain Clinic. The database will serve to provide data for research (HiREB approved), quality improvement and Ministry Reporting. Patients complete surveys at admission and discharge. Surveys include sociodemographic questions, Pain Intensity Scale, DASS 21, Pain Disability Index (PDI), TSK, Pain Stages of Change Questionnaire, Pain Catastrophizing Scale, B-CPCI, Patient Self Efficacy Questionnaire, Pain Program Satisfaction Questionnaire. Data is being collected to conduct ongoing program evaluation.

Intensive 4-Week Program Database

Patients attend a 5 day per week program for 4 weeks. Patients complete surveys at admission and discharge. Surveys include sociodemographic questions, CES-D, Pain Catastrophizing Scale, CAS, Patient Questionnaire, Pain Disability Index, TSK, Chronic Pain Acceptance Questionnaire, Pain Stages of Change Questionnaire, SPTS, Return to work, Pain Program Satisfaction Questionnaire, CPCI. This database is developed for future research purposes, quality improvement and clinic reports. This program has existed at the Pain Clinic for several years. This database started capturing data in 2018, 221 patient surveys to assess outcomes have been entered from 2015 (partial of 2015) to 2019.

Intensive Program Follow-up Study

We received HiREB approval in December of 2019 to conduct a follow-up outcomes survey for patients who have attended the program in the last 5 years. Previous patients who completed the Intensive 4-Week Program have been sent a survey via email or mail.

Psychology Program Database

This database has collected outcome data on patients that have a psychology individual assessment. Surveys include sociodemographic questions, Pain Catastrophizing Scale, CAS, Patient Questionnaire, etc. This database is being developed for the purpose of future research and quality improvement.

Fibromyalgia Program Database

The MGD Pain Clinic is started a new program for the patients of Fibromyalgia this Fall of 2018. The aim of the database is to collect outcome data before the program, after the program, and 3 and 6 months after the program for research and quality improvement purposes. Components of the program include: fibromyalgia specific education, goal setting, medication education, pacing, neurophysiology education with guided aerobic exercise and resistance training, nutrition, sleep, cognitive behavioral therapy class. The Program will be delivered twice weekly for 6 weeks.

Youth Transition Program Database

The goal of the Young Adult group is to provide patients who are between 18 & 24 years old the opportunity to participate in the group program with patients their own age. The program is offered as a one-week intensive program. In addition to the classes offered in the 8 week Adult program, the Young Adults participate in 'Transition Classes' which focus on issues specific to this age group including managing their own healthcare, planning for their future & coming up with short-term goals to help them work toward their independence as well as 2 Functional Activities. Parents of the Young Adults attended a 2.5 hour session to help them understand Chronic Pain & the developmental stage their child is in, help them see their child outside their pain and finally, to help them identify steps they can begin to take now to help their children develop their independence despite their pain. Data is collected before the program, at the end of the program and 6 months after the program.