

Using Clinical Notes to Drive Program and Innovation Evaluation

Category: Poster Presentation (In-Person)

Abstract Body

Canadian Addiction Treatment Centres (CATC) is the largest provider of OAT in Ontario. Care is provided in 74 sites in Ontario. Using the principles of practice-based research networks (PBRN), CATC is developing processes to use this network to generate program and innovative treatment evaluation. This process leverages clinical providers, administration, university researchers and patients to develop data.

Methods: CATC partnered with specialists and researchers to develop a PBRN, supported through the generation of a Data Safety and Innovation Committee. To date the committee held 4 meetings to confirm the shared research vision, cultivate important research questions, develop a study protocol as well as determine data safety and privacy considerations. This presentation will summarize the meeting discussions and subsequent plans. Aggregate data used to support qualitative improvement and control initiatives at CATC was used to inform research discussions.

Results: The current clinical practice has 14,000 patients in active treatment charts. Patients provide consent during treatment for their data to be used in research.

Data gathered as part of usual care will be presented as part of the development and evaluation of the network.

Current patient files include:

500 patients in active treatment with methadone and slow-release oral morphine (SROM)

51 patients in high dose methadone initiation

44 patients in SROM alone protocol

216 patients on buprenorphine extended released

Conclusions: Using data from patient charts in an intentional PBRN is an emerging opportunity to describe the impact of innovation in care of persons living with substance use. Partnerships between clinical entities and university researchers provide an opportunity for program and innovation evaluation.

Key Words (Max 5)

- Epidemiology

Learning Objective #1

>participants will be able to describe a practice-based research network for addiction treatment.

Learning Objective #2

participants will be able to plan for data use within a practice-based research network for addiction treatment.

Reference #1

Westfall JM, Roper R, Gaglioti A, Nease DE Jr. Practice-Based Research Networks: Strategic Opportunities to Advance Implementation Research for Health Equity. *Ethn Dis.* 2019 Feb 21;29(Suppl 1):113-118.

Reference #2

Greiver M, Aliarzadeh B, Meaney C, Moineddin R, Southgate CA, Barber DT, White DG, Martin KB, Ikhtiar T, Williamson T. Are We Asking Patients if They Smoke?: Missing Information on Tobacco Use in Canadian Electronic Medical Records. *Am J Prev Med.* 2015 Aug;49(2):264-8

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