One step closer to HCV elimination: Gaining a deeper understanding of gaps in care faced by people living with HCV

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Overarching aim is to inform interventions for HCV elimination in Canada and their potential to improve health

Aim 1: Identify individual-level predictors of being lost to care

Population: Sample of people living with HIV-HCV co-infection across 6 provinces
Variables: Individual-level characteristics (social, behavioural, and clinical)
Method: Discrete-time survival model
Inform HCV elimination interventions to ensure timely access to HCV treatment and cure

Aim 2: Examine downstream effects of engagement in HCV care

Population: All diagnosed and identified HCV cases in Quebec from 1998 - 2018
Outcomes: Skin and soft tissue infections (SSTI)-related healthcare resource utilization & engagement in care for diabetes
Method: Difference-in-difference design with inverse probability treatment weighting
Ensures elimination interventions are holistic and efficient

Data
- Canadian HIV-HCV Co-Infection Cohort
- Quebec public health mandatory reportable infectious disease database linked to 12 administrative databases

Inform holistic and efficient HCV interventions

Holistic HCV care that streamlines care and builds trust between vulnerable populations and the healthcare system would result in immediate individual benefits as well societal benefits in the long term.