Technology-enabled implementation of tobacco addiction treatment in primary and community care settings

Background

15% (4.6 million) Canadians smoke tobacco

45,500 deaths annually attributable to smoking

Knowledge and implementation barriers still exist for integration of tobacco treatment in routine clinical care

Objective

Develop & demonstrate the utility of a web-based application for implementing a clinical pathway for tobacco use assessment, treatment and follow-up

Methods

STOP Study sites:

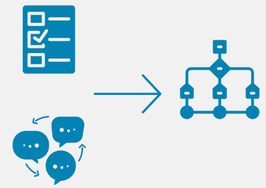
Primary care & addictions treatment settings

Open-label nicotine replacement therapy

Treatment-seeking smokers

Technology use survey

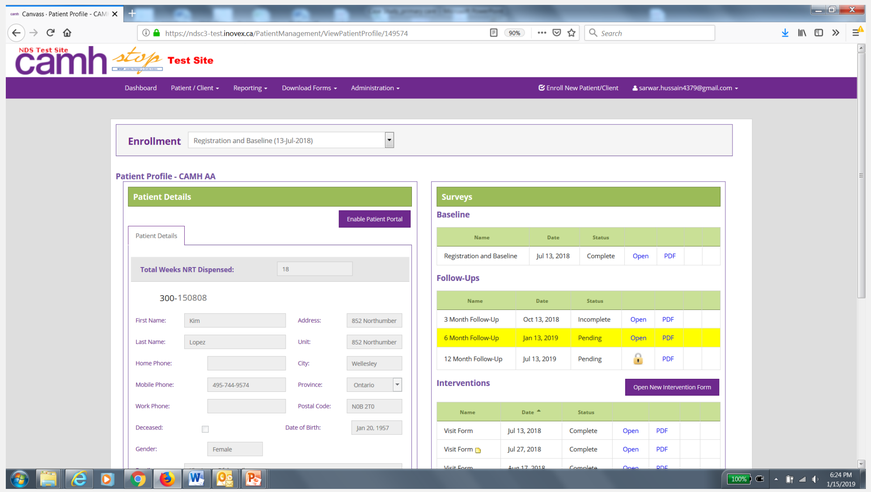
Co-creation meetings



Clinical use cases, workflows built by software developer

Results

Consent **Assess** **Treat** **Follow up**



1,327 active users (healthcare practitioners)

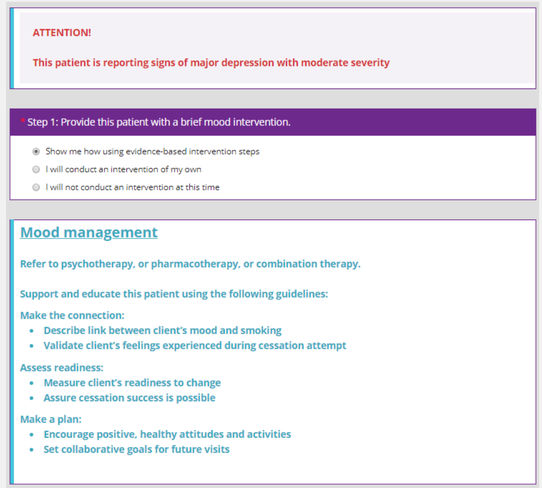
> 2,000 new patients enrolled per month

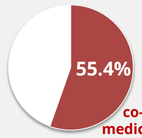
> 8,000 visits per month

80% of Family Health Teams; Community Health Centres; Nurse Practitioner Led Clinics

26% of Addictions Agencies

Screen & Flag Mood; Alcohol





co-occurring medical illness: HBP, high cholesterol, diabetes, heart disease, COPD, cancer

current or lifetime history of **mental health diagnosis**

drink **alcohol** at heavy/ hazardous levels (Audit C)

Conclusion

This technology platform can expand practitioner scope of practice and organization capacity for delivering smoking cessation treatment

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Funding support: Government of Ontario; CIHR; CCSRI

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