

# SPICE Intervention Preference Survey for People with Early Psychosis using Cannabis

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## Introduction

- ▶ Cannabis use associated with an adverse course for psychotic disorders (e.g., poorer psychosocial functioning, more severe psychiatric symptoms)
- ▶ Few cannabis interventions for people with psychosis; most are cannabis use disorder (CUD) treatments
- ▶ People with psychosis who use cannabis have low intervention engagement rates and high attrition rates. Targeting patient preferences could increase participation, engagement, etc.
- ▶ Patient preferences in this population is understudied.

## Objectives

Elicit preferences of young adults with early psychosis who use cannabis in relation to key characteristics of interventions to prevent or reduce cannabis-related harms, using a cross-sectional survey called SPICE.

## Methods

- ▶ Cross-sectional online survey using REDCap, 20-25 minutes
- ▶ Expected recruitment: 165 people in Canada from 6 Canadian sites
- ▶ Participant eligibility criteria:



- young adult (18 to 35 years),
- currently receiving treatment at an early intervention services (EIS) clinic,
- Used cannabis in the last 30 days (not having received a diagnosis CUD OR have current CUD diagnosis but not seeking CUD treatment)
- interested in managing or changing their cannabis-related practices
- able to provide informed consent and comply with study procedures
- able to read and comprehend French or English

SPICE survey:

- ▶ Two discrete choice experiment (DCE) sections (1: Intervention, 2: Booster session) and other survey questions

DCE 1:

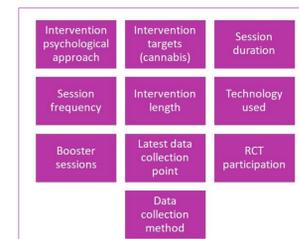
	Intervention A	Intervention B	Intervention C
SESSION LENGTH	00:30 30 minutes	00:10 10 minutes	00:60 60 minutes
INTERVENTION FREQUENCY	Once every weekly	Once every weekly	Once every weekly
INTERVENTION DURATION	6 months	3 months	1 month
PREFERRED FORM OF ACCESS TO THE INTERVENTION	Technology	In person and technology	In person

## Methods, continued...

DCE 2:

	SESSION A	SESSION B	SESSION C
BOOSTER SESSION FREQUENCY	Once every two weeks	Once every two weeks	
BOOSTER SESSION LENGTH	1 month	2 months	NONE: I would not take part
PREFERRED FORM OF ACCESS TO THE BOOSTER SESSION	In person and technology	Technology	

Other questions:



Pilot-test survey in 3 Quebec sites

6 sites: Quebec, Nova Scotia, Alberta, British Columbia

- ▶ Data analyses: Will use 3 Mixed Rank-ordered Logit models to identify variables most strongly predicting participants' choices; also allows identification of participant characteristics influencing choice.

## Results

- ▶ SPICE development informed by 1) systematic review of preventive cannabis interventions for youth with psychosis, 2) results of qualitative exploratory study (patients/clinicians, n=20) on cannabis treatment needs and 3) consultations with experts in cannabis and psychosis
- ▶ Phase 1 completed, recruitment and protocol procedures modified and prepared for Phase 2
- ▶ Results will highlight preferred characteristics of preventive cannabis-focused interventions according to patient perspectives

## Discussion

- ▶ SPICE: first to be done among people with psychosis for preventive cannabis interventions
- ▶ SPICE can inform future development and tailoring of preventive interventions for young adults with psychosis using cannabis

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