

Prenatal Cannabis Use

symptom modulation and contextual influences

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Introduction

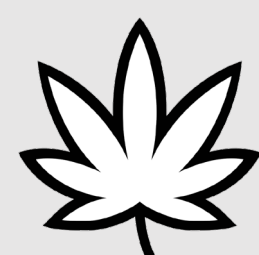
- THC crosses the placenta at ~10% maternal levels.
- The evolving cannabis legalization landscape may lead to complacency regarding risks of prenatal cannabis use (PCU).
- This study examines availability/patterns, and social use/ contexts associated with PCU.

Results

Patterns of PCU

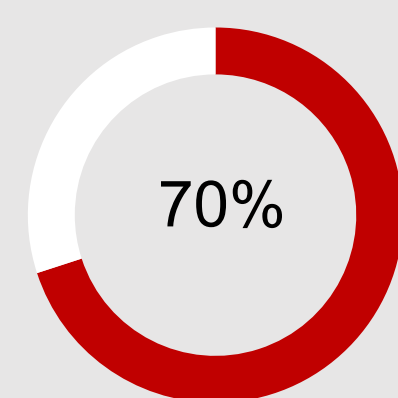


40% did not cut down on cannabis use while pregnant

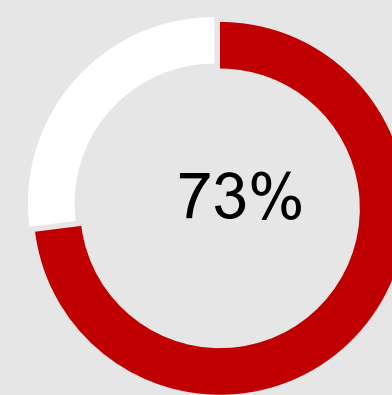


Most reported using cannabis with roughly equal parts THC and CBD

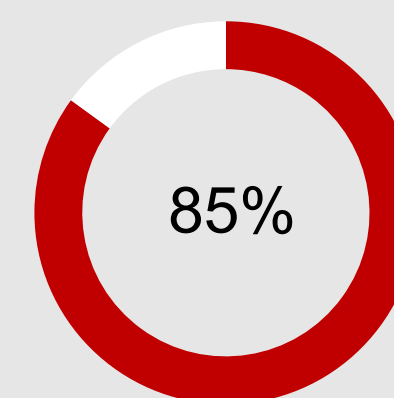
On a typical PCU day, participants consumed:



<= 1/4 gram of flower



<= 5 hits of concentrates



<= 10 mg of THC edibles



Women in the third trimester reported the most frequent PCU



Most common forms of PCU were leaf and concentrate

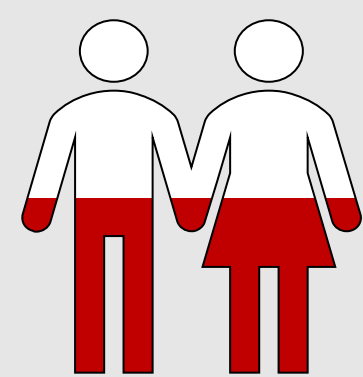
Conclusions

- Perceived efficacy of PCU for symptom modulation was high, while perceived risk was low.
- Tobacco use is common among women who engage in PCU.
- The majority of women's social networks used cannabis.
- Cannabis was typically used in the company of others.
- Although quantity of PCU consumed was relatively low, any amount may have a negative effect on the developing fetus.

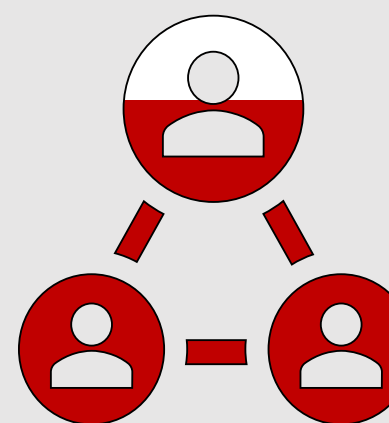
Methods

- 64 pregnant women who use cannabis were recruited from Amazon's Mechanical Turk to complete a survey.
- Average age: 22 years (range: 22-49)
- Average income: ~\$44,000
- Gestational age:
 - 1st trimester: 53.3%
 - 2nd trimester: 43.3%
 - 3rd trimester: 3.4%

Social Networks



50% had a partner who used cannabis

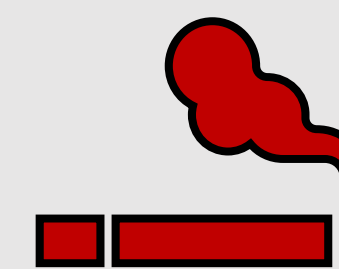


80% had social networks that used cannabis

Symptom Management

- 75-95% perceived PCU as "highly effective" for managing nausea, distress, and physical discomfort.
- Over half of participants believed PCU would harm the fetus (~60%) or herself (~64%) "not at all" or "a little."

Polysubstance Use



64% used cigarettes



25% used alcohol

PCU Contexts (where women use and with whom)



Home



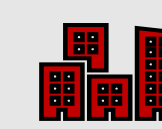
Work



Outside



Car



Bars/clubs



School



Other homes



Other

Alone: 30%
Group: 55%

Alone: 34%
Group: 36%

Alone: 34%
Group: 33%

Alone: 31%
Group: 36%

Alone: 30%
Group: 34%

Alone: 23%
Group: 36%

Alone: 28%
Group: 39%

Alone: 23%
Group: 39%