

RSITY OF COLORADO CHILDBEN'S HOSPITAL COLOBADO

BACKGROUND

There has been a sharp increase in opioid overdose deaths. Take home naloxone (THN) programs have been shown to effectively reverse opioid overdose events with limited adverse events, yet often miss young adults who misuse opioids. Strategies to adapt naloxone distribution programs to reach young adults are needed. Public health vending machines (PHVM), shown to increase access to syringes in young adults in Europe is an emerging, community-initiated naloxone distribution adaptation in the U.S. However, little is currently known about U.S. young adults' perspectives of PHVMS and how they may contribute to naloxone uptake.

STUDY OBJECTIVES

Identify perceived factors contributing to naloxone uptake under current THN, ideal, and PHVMs in young adults who misuse opioids

METHODS

Study Design Qualitative Interviews using content analysis **Eligibility criteria** 18-30 years of age • witnessed or experienced an opioid overdose, or used nonmedical opioids in the last 4 months **Setting**

• Substance use treatment services in an integrated safety net health system in **Colorado. (Denver Health)**

Recruitment

- Waiting room (MAT treatment)
- Interview
- Guided by Practical, Robust, **Implementation and Sustainability Model** (PRISM)
- Patient perspective
- Reflect on time before treatment Analysis
- Coded by team-based methods
- Iterative, inductive-deductive approach for consensus-identified themes

Themes	Barriers to Naloxone Uptake
Convenience: easy to access	"They [substance use treatment provider] prite it was nice."
Privacy: fear of judgement	"When you're on drugs you don't trust any
Knowledge: naloxone awareness	"We are in a small town, and the whole sma



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Adapting Naloxone Distribution to Reach Young Adults

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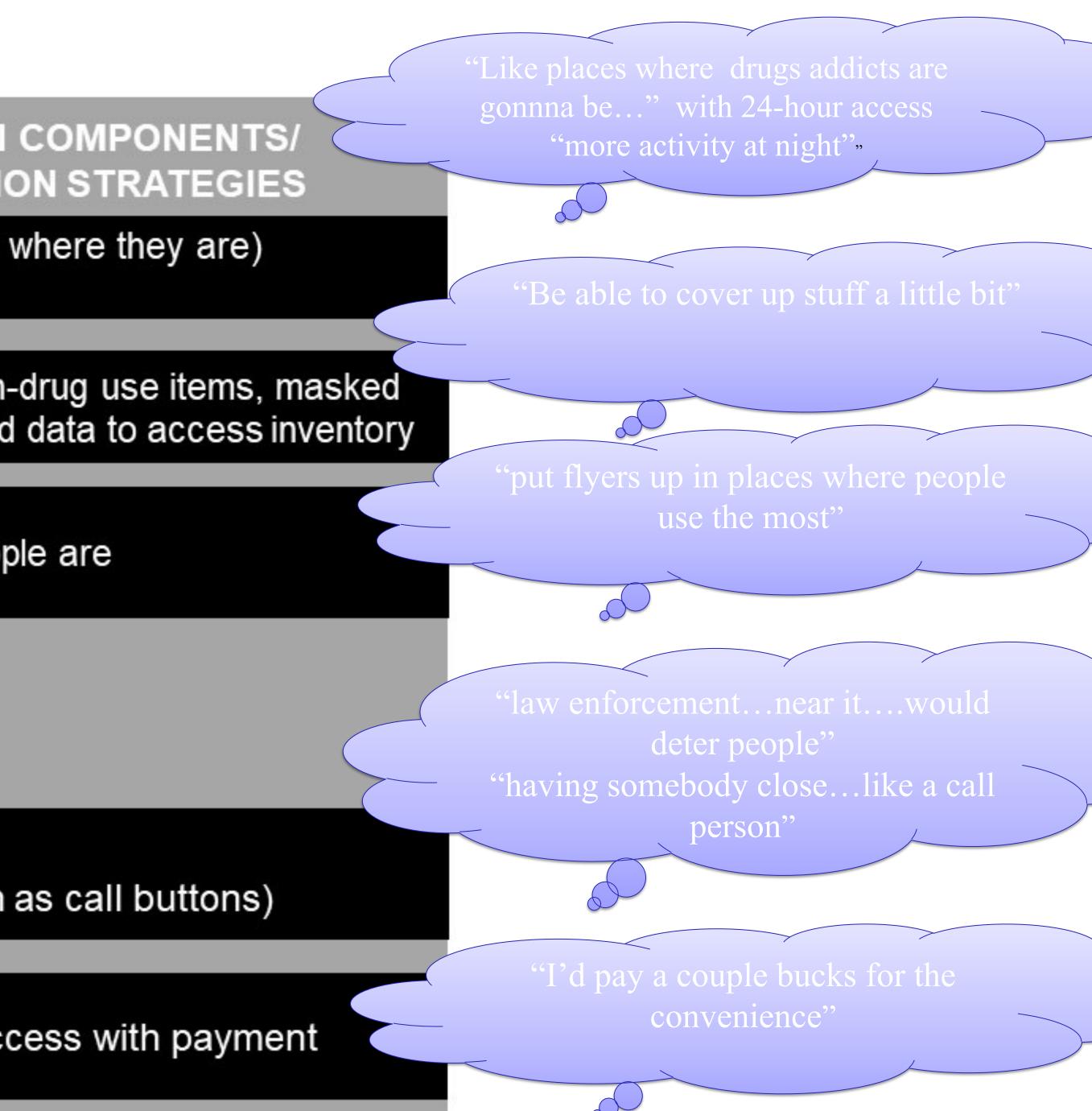
RESULTS

- 16 participants
 - 14 experienced or witnessed an overdose (8 experiencing both) • Substance use
 - 16 reported non-medical prescription opioid use in their lifetime • 11 heroin use
 - 6 were female and less than highschool education
 - 15 below 200% poverty level

extual factors contributing to limited REACH			
Convenience		•	Location (meet people w 24 hours
Privacy		•	Inventory: include non- Limited interaction and
Knowledge		•	Peer outreach Advertising where peop Tailored messages
extual factors relevant to IPLEMENTATION and MAINTENANCE			
afety (police presence)	,	•	Engage with police Safety features (such a
ost (willingness to pay)		•	Include strategy to acc

provided me a bag of stuff...that [naloxone] was included in there, so

ybody really. You believe everyone's setting you up." nall town did drugs. I never heard of Narcan."







CONCLUSIONS

Our results suggest providing anonymous and convenient access points to naloxone in the community will increase naloxone uptake. PHVMs may present an opportunity to increase uptake if features of the physical location and access strategies are considered

Funding

This work was supported by the National Institute of Heart Lung and Blood Institute [grant number: K12HL137862]

Citations

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