

Introduction

- Adolescent drug and alcohol use is common (Johnston et al., 2015) and associated with sexual assault and sexual risk behaviors (Black et al., 2011; Scott-Sheldon et al., 2016).
- Primary care is the most likely setting for adolescents to seek and receive preventative healthcare (Hofer et al., 2011).
- Well Check is a **tablet-based** prevention program we developed to target:
 - 1) Drug and alcohol use
 - 2) Sexual assault
 - 3) Sexual risk behaviors

Method

Participants

Eligibility:

- Adolescents aged 14-18
- Self or peer substance use in past year
- No intellectual disabilities and can read English

	Aim 1	Aim 2
N	25	10 (ongoing)
Age (M, SD)	16.28 (1.39)	16.40 (1.50)
Gender: Female	56%	80%
Male	36%	20%
Non-binary	8%	0%
Race: Black/African American	44%	27%
White	36%	54%
Multi-racial	8%	9%
Other	12%	9%
Ethnicity: Hispanic/Latinx	12%	0%
Heterosexual	60%	40%
Tablet access	96%	82%
Past year alcohol use	20%	40%
Past year drug use	4%	50%

Procedure

- Participants recruited during a pediatric primary care visit
- Completed a survey and an interview while viewing Teen Well-Check (about one hour total)
- Compensated with a \$20 gift card

Aim

Aim 1: Adaptation and initial feedback

Develop tablet-based prevention for teen substance use, sexual assault, and sexual risk behavior

- Interviews with adolescents about prototype version

Aim 2: Usability testing

Test initial usability of Well Check with teens aged 14-18 in primary care settings

- Interviews with teens
- Interviews with providers

Aim 3: Feasibility testing

Test initial feasibility of Teen Health with teens aged 14-18 in primary care settings

- Pilot randomized trial with 70 teens
- Follow-up: 1, 3, and 6 month

Submit R01 to conduct large-scale randomized clinical trial to test efficacy

Aim 1: Preliminary Analyses

Positive Feedback

- Effect on the brain (80%, n=20)
- Sexual risk (72%, n=18)
- Effects of substances on sexual risk and consent (60%, n=15)

Suggested Improvements

- Increase visual components (92%, n=23)
- Add multiple sexual assault scenarios (92%, n=23) using comics (60%, n=15)

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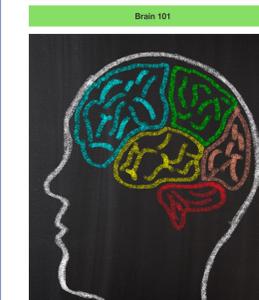
Contact: agilmore12@gsu.edu

Revisions



We will be talking about substance use and sexual experiences. It's up to you what you do with this information, if anything. Tell the researcher or your doctor if you have any questions. Swipe to continue through the program.

Welcome screen



Click parts of the brain to learn more or swipe to continue

Click on brain areas to learn the effects of drugs and alcohol



Progress bar



Learn how to respond differently as a potential perpetrator, victim, or bystander



Choose the substance to learn more – selections only include substances used (indicated in survey)



Pick a potential sexual assault scenario

Aim 2: Quotes

Positive Feedback (analyses ongoing)

"This is actually really well-developed"
-White, 16-year-old, heterosexual male

"I like how it [brain component] explains how like it would help with not using drugs and stuff like that" and "I like how it tells you how to find out your blood alcohol content"
-Multiracial, 14-year-old, bisexual female

Suggested Improvements (analyses ongoing)

"The comic book style should be done throughout the entire thing...Right now it feels like this section with the comic book is a totally different app and the ones with the real people is definitely cheesy"
-Asian/Pacific Islander, 18-year-old, questioning sexuality, female

"Maybe you could quiz like, what you've done, and like, what it could lead to? Or something like that...like, have you used this substance? And how many times have you used it? How many times you plan to? And then, at the end if you explain that if you use it for this long, it could alter this or it could do this"