

MyPEEPS Mobile

Limited Interaction Targeted Epidemiology (LITE-2)

Principal Investigators:

Rebecca Schnall, PhD, RN, MPH

Columbia University School of Nursing

Robert Garofalo, MD, MPH

Lurie Children's Hospital of Chicago

Dustin Duncan, DSC, MS

Columbia University Mailman School of Public Health



MyPEEPS History & Findings

History: NIDA-funded R34 (group intervention)

NIMH- funded UO1 (mobile health intervention)

Question. Does the MyPEEPS Mobile reduce condomless anal sex acts among same-sex attracted adolescent young men?

Findings. In RCT of 764 same-sex attracted adolescent young men, individuals randomized to the MyPEEPS Mobile intervention had a significantly greater reduction in condomless anal sex acts compared with those in the delayed intervention arm during the initial 3-month follow-up period; there was no significant difference at 6 or 9 months. Effects most pronounced among Black men

Meaning. The MyPEEPS Mobile reduced short term sexual risk for HIV infection in same-sex attracted adolescent young men, a population at high risk of HIV infection.



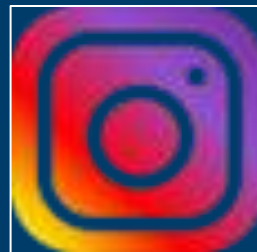
Efficacy of MyPEEPS Mobile an HIV Prevention Intervention Using Mobile Technology Among Adolescent Same-Sex Attracted Adolescent Men: A Randomized Clinical Trial. JAMA Open

Study Objective – LITE-2

- Addressing the End the HIV Epidemic (EHE) initiatives
- To better understand correlates of HIV-related sexual risk and HIV incidence within the context of a social ecological framework
- Specific Aims
 1. Use innovative electronic methods (e.g., Grindr, Scruff, A4A, Sniffies, Jack'd) to recruit and retain a large sample (N=5,000) of HIV-negative 17-to 29-year-old YMSM (OraQuick) at risk of HIV acquisition (e.g., history of anal sex at baseline)
 2. RCT: MyPEEPS Mobile Intervention
 3. Examine incident HIV infections and reduced incident infections in the context of the intervention and potential moderators and conceptual mediators

Recruitment

- On-site project coordinators in New York City and Chicago will oversee and participate in online national recruitment efforts
- Partnered with Commando LLC, an advertising firm who will be overseeing a national ad campaign
 - Experience with running successful national and geographically targeted advertising campaigns and will be working with us to develop social media strategy and analytics reporting
- Advertising on Top LGBTQ Dating Apps (Grindr, Adam4Adam, Scruff, Jackd, and Sniffies) reaching YMSM as they have done for other studies



Study procedures

- Participant screens eligible (age, history of anal sex)
- Schedule baseline visit via Zoom
 - follow-up visits: 6, 12, 18, and 24-months
- Verify participant's information
- Provide and obtain informed assent/consent
- Complete baseline survey
- Determine the HIV status of participants using the OraQuick test
 - if positive: refer to care for confirmatory testing and provide results
 - if negative: referral information and follow-up visit in six months



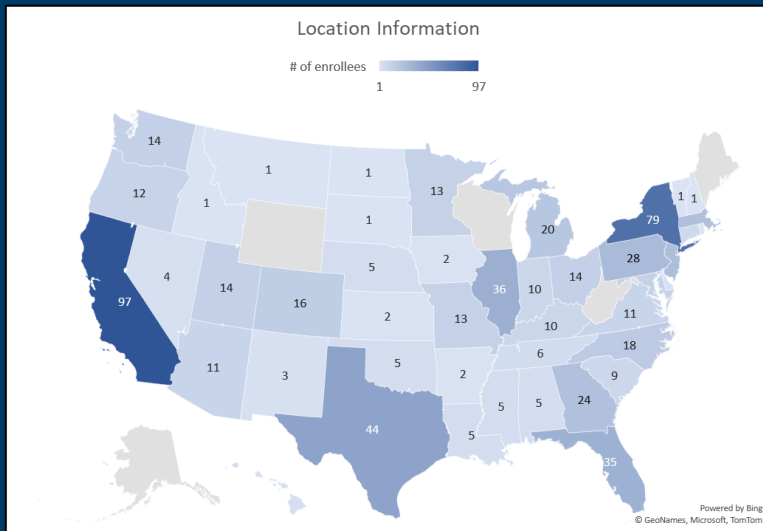
UG3/UH3 Go/No-Go Milestone

- **UG3**
 - Recruit & Retain Testing Cohort
- **UG3** Milestone:
 - Minimum of 30 incident HIV infections among YMSM in the UG3 phase of the study
 - Incident Infections will include:
 - Those who test HIV positive during our study and who have documentation of a negative test within the past 12 month
 - Those who test or report being HIV positive at baseline and complete and ASANTE recency test which indicates that they were recently infected with HIV
- **UH3** – RCT of MyPEEPS Mobile



LITE-2 Enrollment – 6 MONTHS OF ENROLLMENT

	Target #	Actual #	% of Cumulative Target	% of Monthly Target
Chicago	2000	217	11%	48.9%
New York	3000	472	15.7%	71.1%
TOTAL	5000	689	13.8%	82.6%



**AK, WY, WI, ME, WV

Mean Age 25 years (17-29)

50% White; 18% Black

14 Recent/New HIV+

**Asante or Med Records

**Go/No = 30i in UG3

Eligible Participants Link Sources [March.2023 - Present]

	Total Counts	%
a4a	77	2.43%
a4a_april	71	2.24%
facebook	128	4.03%
grindr	851	26.80%
grindr_june	171	5.39%
grindr_may	414	13.04%
jackd_april	124	3.91%
scruff_april	128	4.03%
sniffies_april	141	4.44%