



THE UNIVERSITY OF  
**CHICAGO**  
MEDICINE

# PrEP Implementation

## 2016 Chicago Regional STI/HIV Prevention Clinical Update

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# PrEP Implementation Planning

Journal of Urban Health: Bulletin of the New York Academy of Medicine, Vol. 90, No. 6

doi:10.1007/s11524-013-9830-y

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## Estimating the Number of Young Black Men who have Sex with Men (YBMSM) on the South Side of Chicago: Towards HIV Elimination within US Urban Communities

Britt Livak, Stuart Michaels, Keith Green, Charles Nelson, Montre Westbrook, Yaa Simpson, Nikhil G. Prachand, Nanette Benbow, and John A. Schneider



Journal of  
Urban Health  
BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE  
VOLUME 90 NUMBER 6 FALL 2013

- UC-CDPH team collaboration starting in 2011
  - Estimated 5,578 YBMSM (NHBS/SRN HIV seropositive rate 23.4%/27.8%)



# Linkage is key first step



- uConnect is a large (n=618) single site population based cohort of young black men who have sex with men (YBMSM) 16-29
- Only 3.6% of HIV negative men on PrEP in 2014
  - 33 YBMSM participants seroconverted over 18 months (overall 8.5/100 person years)
  - Only 51.5% of seroconverters eligible for PrEP by CDC guidelines

**Table 3.** Number of seroconverters by PrEP guidelines and sensitivity, specificity and proportion missed by PrEP Guidelines (N=33)

	Eligible	Not Eligible	Sensitivity	Specificity	Proportion missed
CDC guidelines	17	16	51.5	51.7	48.5
HIRI - MSM Risk Score $\geq$ 10	28	5	84.9	29.6	15.2
Gilead indications	31	2	93.9	15.4	6.1

**No predictors of seroconversion!**

# PS-PrEP (Partner Services – PrEP)

- Partner with public health departments
- Randomized controlled trial to implement early PrEP cascade – linkage to care - within Partner Notification Service identified HIV negative clients

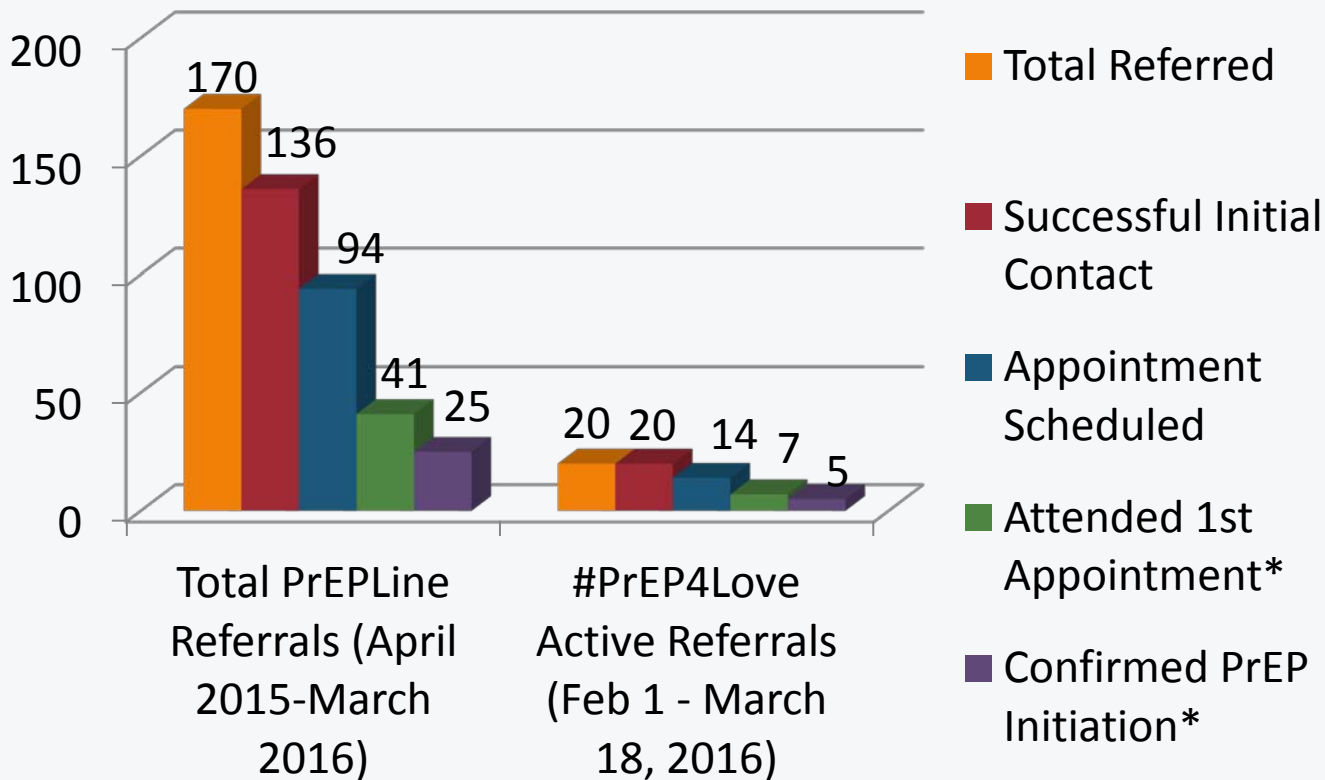
# Chicago PrEPline

- Referrals from department of public health STD clinics (Roseland, Englewood), other CBOs, client calls
  - 4-5 clients weekly
  - 30% of clients contacted through outreach make their first PrEP appointment
  - 35% of clients who call in make their first PrEP appointment
- PrEPline is a Program!
  - Insurance enrollment





# PrEPLine: PrEP Linkage Cascade



*\*Limited or incomplete data*

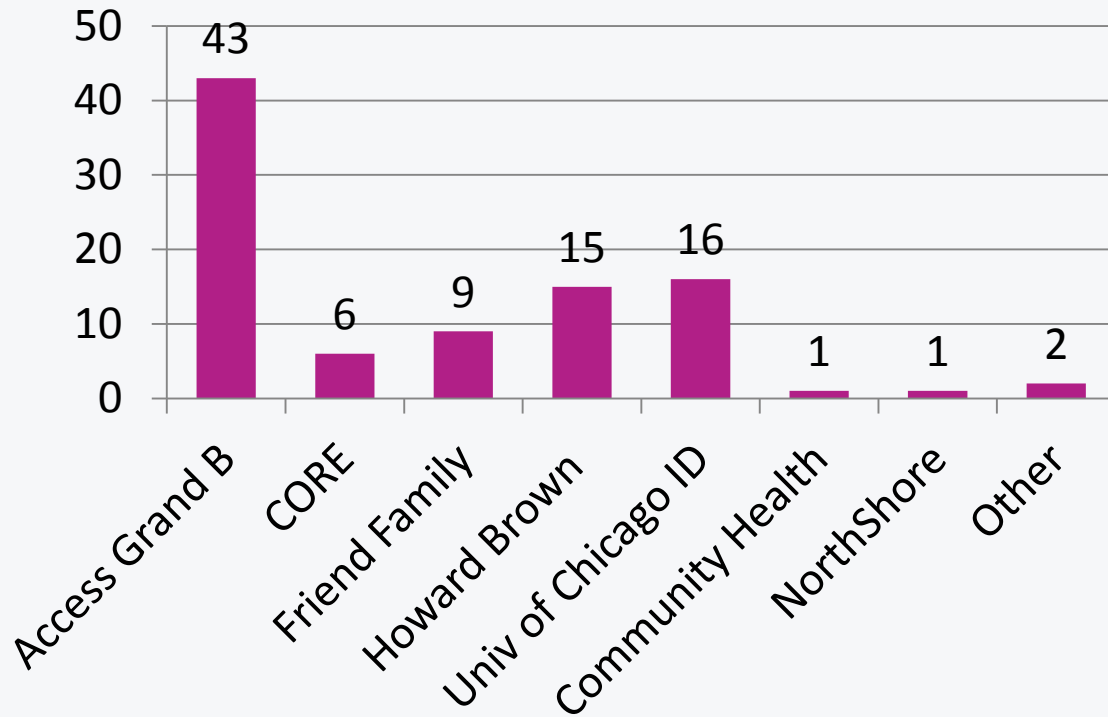






# PrEPLine: University of Chicago PrEP Providers

## PrEP Clinics:



# Our Network Care Model

- Leverages the University of Chicago Urban Health Initiative structure
- Diversity of clinic contexts, locations and health insurance accepted
  - Options, options, options
  - General clinic spaces limit stigma
  - Some clients prefer LGBTQ+ specialty
- UC providers and supportive staff are located at multiple locations – full scheduling privileges
  - Clinical: University of Chicago (ID, *STI*), Howard Brown Health Center (Hyde Park), Access (Grand Boulevard), Friend Family, Community Health



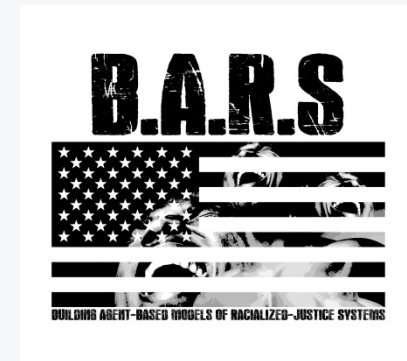
# Thank-you



*CDPH Collaborators*

*CCHE Students and Staff*

*Funders*



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# CCHE Team

