

**AIDS ACTION** BALTIMORE

**PrEP** Town Hall Meeting  
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**Chase Brexton** Health Services

# PrEP Town Hall Meeting

- Pre-Exposure Prophylaxis - PrEP works if you take your meds
  - Latest MSM Data
  - Dosing
  - Adherence
  - HIV Testing/Resistance
  - Toxicity/Side Effects
  - Behavioral Issues

## Latest PrEP MSM Data

- **PROUD**: 90% reduced risk of HIV, UK
- **IPIRGAY**: 90% reduced risk, French Canadian
- **Demo Project Study: 2/500**, DC, Miami, SF
- **HTPN 076: ADAPT: Harlem, NYC and Bangkok:**
  - **Three Dosing Strategies:**
    - Daily Dosing
    - Twice Weekly + post sex doses-time driven
    - Pre and Post sex doses-event driven

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- **HPTN 067-ADAPT MSM DOSING STUDY: Harlem & Bangkok**
  - **Daily Truvada is most effective to prevent HIV infection, sex act coverage and best promoted adherence**
    - Post-sex dose was the most frequently missed dose
    - Stigma related impediments were frequent at the Harlem site
    - Harlem participants were perceived as HIV+ and promiscuous
    - Partner disclosure fostered adherence in Bangkok
    - Both underscore the need for community education
    - Dosing preferences varied at the Bangkok site; doses adapted to participant preference may be the most powerful adherence tool

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- Adherence
  - What are the best ways to foster adherence?
    - **Daily dosing** (ADAPT Study)
    - **Stable living arrangements** (DEMO Project Study)
    - **Condomless insertive anal sex** (ADAPT and DEMO)
  - Will **all MSM populations** take their medication as required?
    - UK, Canada, Harlem, Bangkok, small transgender %
    - DC, Miami, SF only 7% black and 2% transgender
  - Will real life adherence be the same as during study participation???

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- HIV Testing, Resistance, Toxicity/Side Effects
  - Will **PrEP** users who become HIV+ develop **resistance** to Truvada?
    - Resistance is minimal. People should be HIV tested every 3 months.
  - How frequently should people be HIV tested?
    - **People should be tested for STIs** (DEMO Project Study)
  - Will **PrEP** users develop **toxicity** or **serious side effects**?
    - Demo Project study shows no serious side effects
    - ADAPT study shows similar side effects in daily and intermittent dosing.

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- Behavioral Issues

- Will people use **condoms** if they are using **PrEP**?
  - Yes and No
  - PrEP adherence is better without condom use.
- Will people have **more sexual partners** if they are using **PrEP**?
  - No – The same or less sexual partners during studies.
- Will **recreational drug use** affect **PrEP** adherence?
  - Yes and No

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## • **THANK YOU**

- **Jill Crank**
- **Falina Laron**
- **Stuart Goldstone**
- **Anthony Morgan**
- **Patrick Chaulk, MD**