

AIDS ACTION BALTIMORE

PrEP UP Town Hall Meeting
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PrEP Town Hall Meeting

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

Prep Town Hall Meeting

- **PrEP MSM Data**
- **PROUD and IPERGAY: 90% reduced risk of HIV**
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? Every 6 months**
 - 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.

Prep Town Hall Meeting

- New Side Effect Information: **Kidney Toxicity**
 - Main kidney toxicity of Truvada: **Tubulopathy**
 - **CrCl** - Creatinine Clearance: Measure of waste products
 - **Elevated levels suggest improper kidney functioning**
 - Normal levels in men: **97-137** ml per min and 88-128 in women
 - **GFR** - Glomerular filtration rate: Measure of CrCl
 - **eGFR** - Estimated glomerular filtration rate
 - Calculated by age, gender, ethnicity and creatinine blood levels

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- **Kidney Recommendation: Additional Monitoring-IPEX OLE**
 - PrEP Associated with **modest eGFR decline**
 - Non-progressive thru 48 weeks
 - No tubulopathy
 - No clinically relevant decline thru 24 months
 - **New onset eGFR ≤ 70 , and**
 - **Baseline eGFR ≤ 90 , in patients over 40**
 - May warrant **additional monitoring or kidney consultation**

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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**
- **Richard Pazornick**
- **Ashley Queen**