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
• **IPERGAY**: 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