HPTN Annual Meeting: PrEP-Science & Implementation
USA- BMSM & HPTN073

ON BEHALF OF THE HPTN073 TEAM
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HPTN073 PROTOCOL CHAIR
Overview of the United States Epidemic

- More than 1.1 million people in the U.S. are living with HIV infection
- Almost 1 in 5 (18.1%) are unaware of their infection
- By race, blacks/African Americans face the most severe burden
- Gay, bisexual, and other men who have sex with men (MSM), particularly young black/African American MSM, are most seriously affected
HIV Among MSM

• Men who have sex with men (MSM) represent 2% of the US population, yet are the most severely affected

• In 2011 MSM accounted for
  – 62% of all new HIV infections
  – MSM-IDU accounted for an additional 3% of new infections

• In 2009 young MSM accounted for
  – 69% of new HIV infections among persons aged 13–29
  – 44% of infections among all MSM
Estimated New HIV Infections in the United States and 6 Dependent Areas, 2011, for the Most Affected Subpopulations - CDC
HIV Among BMSM

- Black/African American MSM (BMSM) accounted for 38% new HIV infections in 2011
- HIV infection rates increased 48% from 2006–2009 among young BMSM aged 13–29
HIV Prevention Challenges

- High HIV prevalence in the MSM community
- Developing intervention for the men versus intervention for categorical labels (BMSM)
- Knowledge of HIV status
- Sexual risk behaviors in environmental and situational contexts
- Alcohol and (illegal) drug use
- Structural barriers – racism, education, incarceration & employment
- Homophobia, stigma and discrimination
- Translation of findings to practice and policy
• Demonstration project – open label PrEP
• A planned enrollment: 225 participants
  – 75 participants per site
• All participants will be offered once daily oral Truvada® combined with client centered care coordination (C4)
HPTN 073 Study Questions

• What is the acceptability, utilization and adherence to PrEP among US-BMSM?
• Is it acceptable for local health care facilities to administer PrEP to BMSM and can client centered care coordination (C4) support this?
• How much Truvada® is in the blood of BMSM who become infected with HIV?
• How often does HIV drug resistance occur?
• From BMSM what are perceived benefits and barriers to accepting, utilizing and adhering to PrEP?
Clinical Research Sites for HPTN 073

- Chapel Hill, NC
- Los Angeles, CA
- Washington, DC
Site Activation

- Trainings at all sites to take place May/June 2013
- Participants to begin screening/enrolling June/July 2013
Protocol Team Members

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