AIDS ACTION BALTIMORE

PrEP

UP
AIDS ACTION BALTIMORE’S
NEW HORIZONS

Boosting empowerment and breaking the bonds of homophobia, racism, and stigma in same gender-loving men in Baltimore City

NETWORKING • HIV 411 • SOCIAL EVENTS • ART CREATION PROJECT

AIDS Action Baltimore, 410-837-5573 / NewHorizonBaltimore410@gmail.com
HIV Prevention Advocacy for SGL Men’s Health supported by
ViiV Healthcare’s ACCELERATE! Program
AIDS ACTION BALTIMORE’S
NEW HORIZONS PROGRAM

CROI PrEP 2018 UPDATE
Lynda Dee

June 27, 2018
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• Please Sign the Sign-In Sheet

• Please Complete an Evaluation

• AAB: 410-837-AIDS - (410) 837-2437

• FB: New Horizons or aidsactionbaltimore.org
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• HIV TRANSMISSION RATE STATISTICS

• CDC PrEP USE REPORT FOR Q2 2017

• CDC PrEP STATS FOR THOSE NEEDING PrEP

• PrEP DATA FROM ATLANTA, CHICAGO, NYC AND CDC DEMO PROJECT: SF, DC AND MIAMI

• NEW PrEP DRUGS, TAF+FTC, IM LA CABOTEGRAVIR AND WEEKLY ORAL MK-8591 IN MONKEYS

• NEW CASE OF TDF+FTC RESISTANCE
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• CDC HIV Transmission Statistics
  • 1 in 49 in Maryland
  • 1 in 20 in Black Men in the US
  • 1 in 2 in Black MSM in the US
  • All MSM, especially black MSM must remain a high priority for PrEP delivery
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• CDC National Quarterly PrEP Use Estimate

• 61,000 prescriptions in Q2 of 2017

• Much lower than the previous estimate of 120,000

• Some decrease expected as discontinuations occur

• Only 5% of 1.2mil for whom PrEP is indicated are actually receiving prescriptions

• PrEP needs to be scaled up in all populations
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• CDC National Quarterly PrEP Use Estimate
  • PrEP only 9,150 women were using PrEP
  • PrEP use in the South is half the next lowest region
  • PrEP-to-need ration is lower among youth
  • States in the highest poverty quartile, % uninsured and % of African-Americans (south & midwest) had lower PrEP use
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• PrEP is indicated for 1,145,000 (9-2015/8-2016)

• 814,000 MSM, 258,000 heteros, 73,000 IVDUs

• 43.7% African-Americans need PrEP, use = 1%

• 24.7% Latinos need PrEP, use = 3%

• 26.5 white need PrEP, use = 14%

• Only 8% for all people for whom PrEP was indicated
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• Fulton County Board of Health (Atlanta)
  • Higher PrEP uptake in white MSM and lower continued use in black MSM
  • PrEP implementation in this county health department setting reached key populations
  • Overall uptake and persistence were suboptimal
  • Recommendations: intensify outreach, education and streamline process
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• Northwestern University (Chicago)
  • PrEP use in YMSM (16-29 male at birth) increased from 6.6% to 17.2%, but 33% discontinued PrEP
  • Primary reasons:
    • Problems getting appointments (21.5%)
    • Insurance coverage or loss (20%)
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• PrEP Use in Newly Diagnosed in NYC Clinics
  • NYC Sexual Health Clinics were excellent PrEP implementation settings
  • Disproportionately low PrEP use in black heterosexuals and females may suggest disparities in awareness and accessibility
  • High risk sexual behaviors and STIs were common, indicating the need for stronger condom use messaging and regular follow-up
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• MSM and Trans Women Retained in US PrEP Demo Project in Miami, San Francisco and DC
• 366/554 (66.1%) of all participants retained
• 127/554 (22.9%) had intermittent retention
• 61/554 (11%) lost to follow-up in first 12 wks
• Black MSM and younger adults = intermittent and ELTF (early loss to follow-up/first 12 wks)
• Early interventions may promote continuation
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• FTC/TAF Prevents Vaginal SHIV in Monkeys
• Oral FTC/TAF 24h before and 2h after vaginal exposure prevented SHIV similar to FTC/TDF
• Only one infection seen from low drug levels
• Expands results of FTC/TAF in rectal SHIV
• Findings support FTC/TAF for PrEP against vaginal HIV infection in women as well as men
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• Long Acting Cabotegravir and Penile SHIV
• Validated the penile repeat exposure SHIV transmission model with oral FTC/TDF
• LA CAB protects monkeys against penile infection
• Penile concentrations similar to rectum
• High efficacy supports trials for LA CAB for penile HIV (accounts for half the HIV infections)
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• Oral MK-8591 Prevents Rectal SHIV

• Efficacy of different doses of oral MK-8591

• Suggests effective weekly oral dosing

• 92% protection rate in monkeys challenged rectally weekly with SHIV

• No safety issues were noted with oral MK-8591

• Suggests an oral weekly dose of MK-8591 that will be effective in humans
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• HIV Transmission While on PrEP
  • Patient given an 11 refill Rx, was told to return for follow-up visits, did not return as directed
  • Acquired HIV with a resistance mutation
  • Kept using FTC/TDF after being infected which probably caused two other resistance mutations
  • Proper prescribing and follow-up would have allowed for quicker identification of HIV and may have prevented additional resistance
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• Please Sign the Sign-In Sheet
• Please Complete an Evaluation
• AAB: 410-837-AIDS - (410) 837-2437
• FB: New Horizons or aidsactionbaltimore.org
AIDS ACTION BALTIMORE’S NEW HORIZONS PROGRAM

• THANK YOU FOR ATTENDING

• Jeffrey Grabelle, Falina Chanel, Ali Moody and Jay Mangum

• NATAP.org

• Gilead Sciences

• ViiV Healthcare