

Developing a PrEP Program at a Local Health Department

Maryland STI update

June 2, 2016

James A. Cockey, MD, FACP

Deputy Health Officer



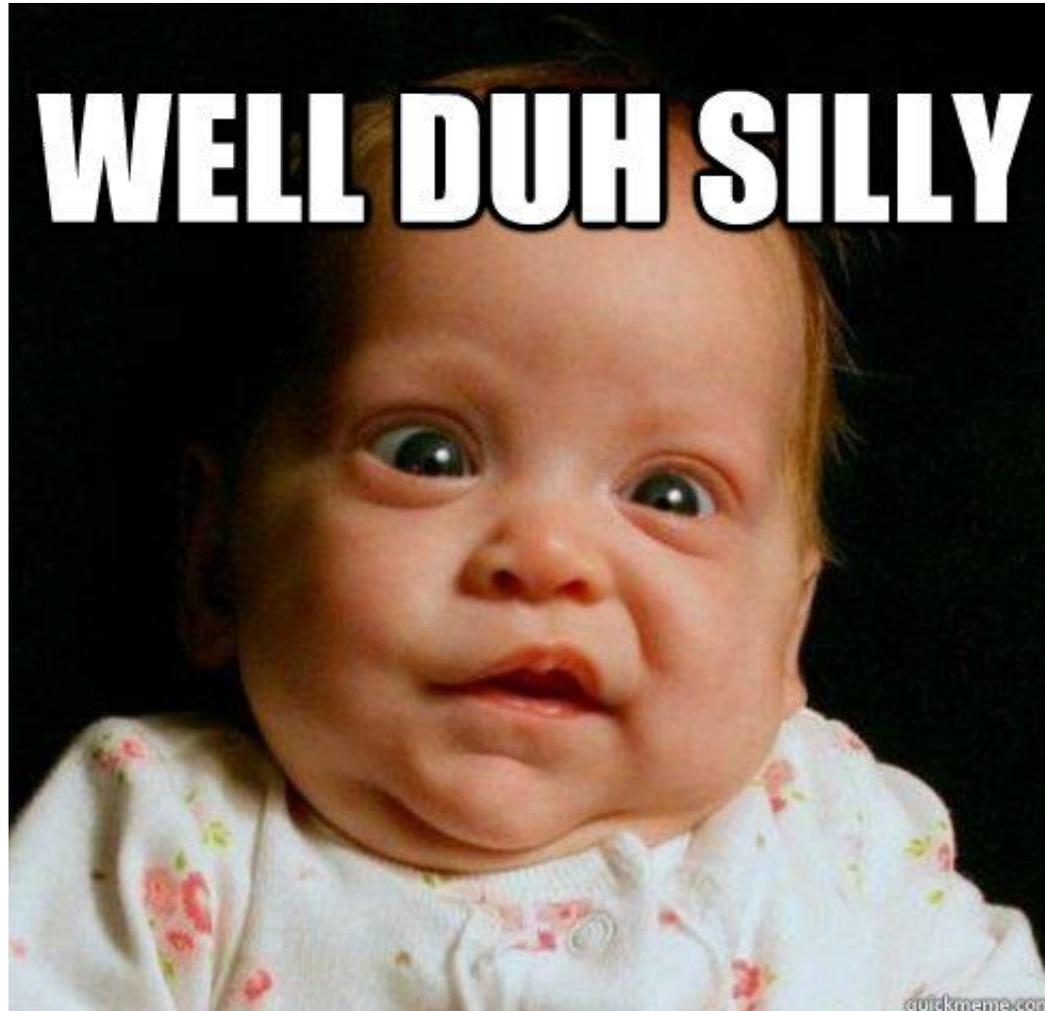
Public Health
Prevent. Promote. Protect.

Wicomico County
Health Department

James A. Cockey, MD

- No disclosures

Should you start an HIV Pre-Exposure
Prophylaxis (PrEP) clinic locally?



HIV in the United States

- 1.2 million people living with HIV, of whom 14% are unaware of their infection
- 648,000 have died of AIDs
- About 50,000 new infections per year still occur. The incidence rate has not gone down!!
- Worst in MSMs, African Americans, young people

HIV Prevention

- Risk reduction
 - Change habits
 - Condoms
 - **Clean needles***
 - Diagnoses and treat STIs
- Treatment as prevention
- Post Exposure Prophylaxis
- Pre Exposure Prophylaxis



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ORIGINAL ARTICLE

Preexposure Chemoprophylaxis for HIV Prevention in Men Who Have Sex with Men

Robert M. Grant, M.D., M.P.H., Javier R. Lama, M.D., M.P.H., Peter L. Anderson, Pharm.D., Vanessa McMahan, B.S., Albert Y. Liu, M.D., M.P.H., Lorena Vargas, Pedro Goicochea, M.Sc., Martín Casapía, M.D., M.P.H., Juan Vicente Guanira-Carranza, M.D., M.P.H., Maria E. Ramirez-Cardich, M.D., Orlando Montoya-Herrera, M.Sc., Telmo Fernández, M.D., Valdilea G. Veloso, M.D., Ph.D., Susan P. Buchbinder, M.D., Suwat Chariyalertsak, M.D., Dr.P.H., Mauro Schechter, M.D., Ph.D., Linda-Gail Bekker, M.B., Ch.B., Ph.D., Kenneth H. Mayer, M.D., Esper Georges Kallás, M.D., Ph.D., K. Rivet Amico, Ph.D., Kathleen Mulligan, Ph.D., Lane R. Bushman, B.Chem., Robert J. Hance, A.A., Carmela Ganoza, M.D., Patricia Defechereux, Ph.D., Brian Postle, B.S., Furong Wang, M.D., J. Jeff McConnell, M.A., Jia-Hua Zheng, Ph.D., Jeanny Lee, B.S., James F. Rooney, M.D., Howard S. Jaffe, M.D., Ana I. Martinez, R.Ph., David N. Burns, M.D., M.P.H., and David V. Glidden, Ph.D., for the iPrEx Study Team*

N Engl J Med 2010; 363:2587-2599 | [December 30, 2010](#) | DOI: 10.1056/NEJMoa1011205

 [Comments](#) open through January 4, 2011



Morbidity and Mortality Weekly Report (MMWR)

[MMWR](#)



Persons using assistive technology might not be able to fully access information in this file. For assistance, please send e-mail to: mmwrq@cdc.gov. Type 508 Accommodation and the title of the report in the subject line of e-mail.

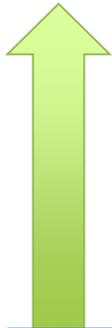
Interim Guidance: Preexposure Prophylaxis for the Prevention of HIV Infection in Men Who Have Sex with Men

Weekly

January 28, 2011 / 60(03);65-68

PrEP Timeline

November 2010
iPrEx



January 2011
CDC Interim Guidance:
PrEP for MSM

July 2012
FEM-PrEP



July 2012
FDA Approval
TDF/FTC PrEP

August 2012
CDC Interim Guidance:
PrEP for
heterosexuals

August 2012
TDF2
Partners PrEP

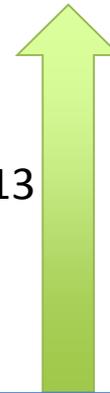


March 2013
VOICE



June 2013
CDC Interim Guidance:
PrEP for IDU

June 2013
Bangkok TDF Study

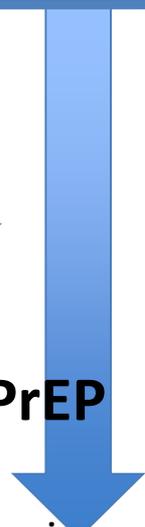


January 2014
NYS AIDS Institute

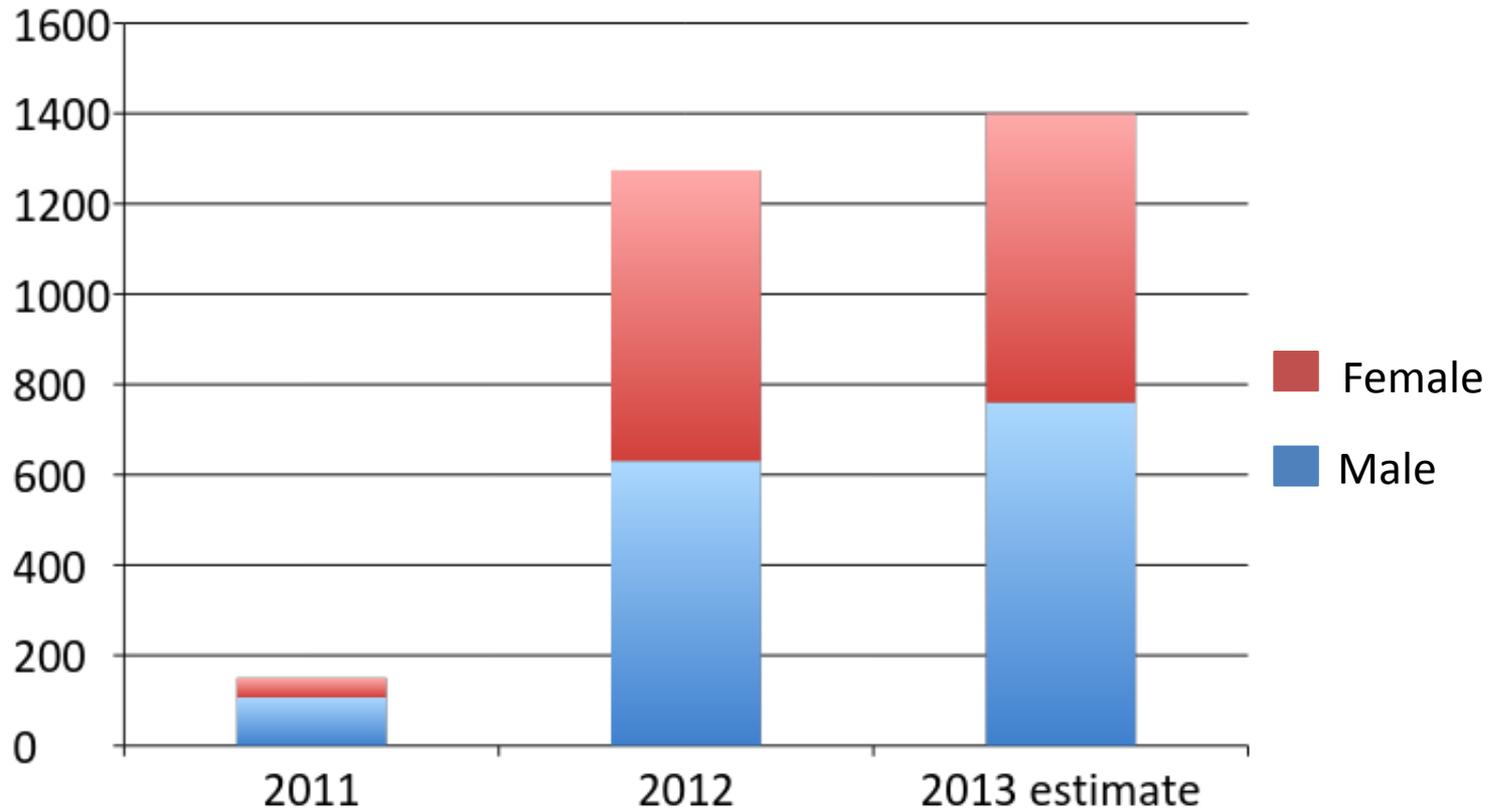
Guidance for PrEP

May 2014
US Public Health Service

**Clinical Practice
Guideline for PrEP**



PrEP Utilization



Rawlings K, Mera R, Pechonkina A, et al. Status of Truvada for HIV pre-exposure prophylaxis (PrEP) in the United States: an early drug utilization analysis. 53rd ICAAC. September 10-13, 2013. Denver. Abstract H-663a.

WHO Guidelines 2015

Recommendation 2: Oral pre-exposure prophylaxis to prevent HIV acquisition

Target population	Specific recommendation	Strength of the recommendation	Quality of the evidence
HIV-negative individuals at substantial risk of HIV infection ^b	Oral PrEP (containing TDF) should be offered as an additional prevention choice for people at substantial risk of HIV infection as part of combination prevention approaches	<i>Strong</i>	<i>High</i>

NEW

Recommendation

NEW

Oral PrEP containing TDF should be offered as an additional prevention choice for people at substantial risk of HIV infection as part of combination HIV prevention approaches (*strong recommendation, high-quality evidence*).

Insurer Says Clients on Daily Pill Have Stayed H.I.V.-Free

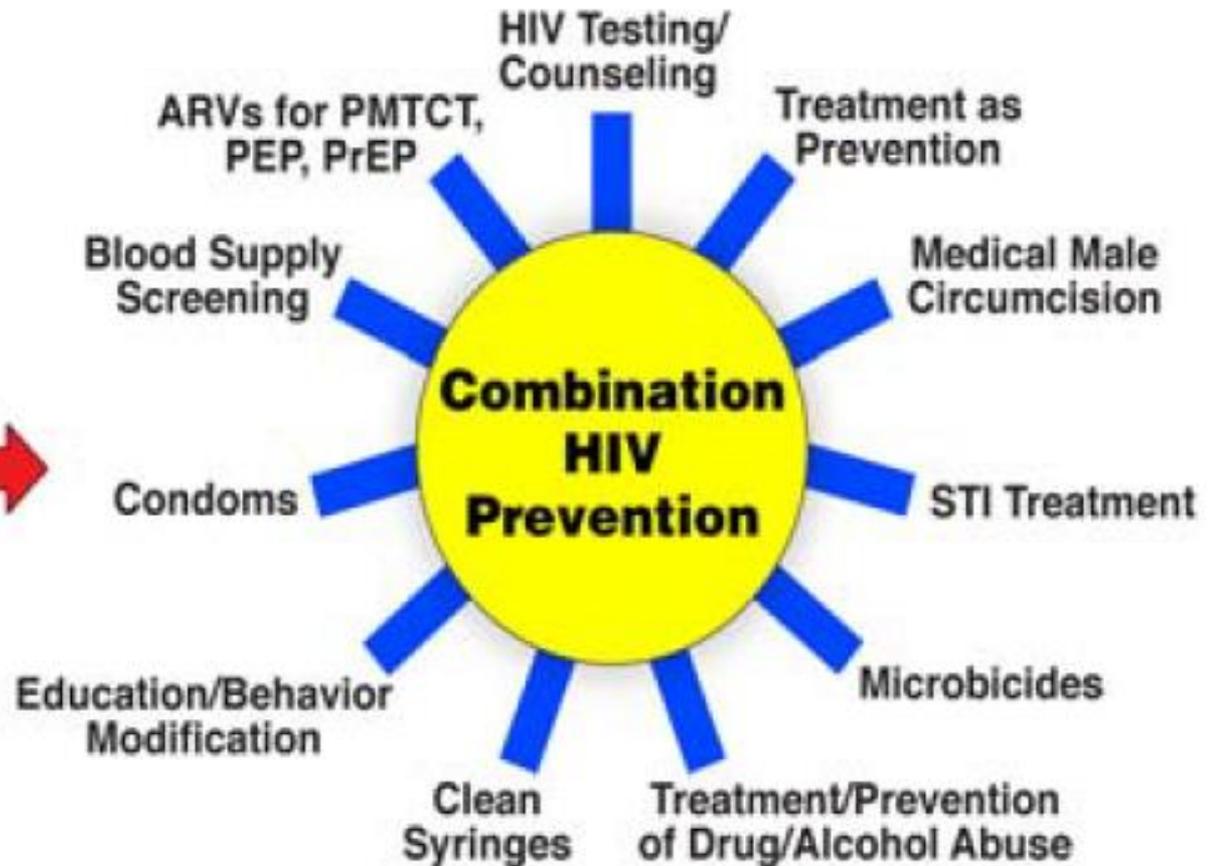
By [DONALD G. McNEIL Jr.](#) SEPT. 2, 2015

The New York Times

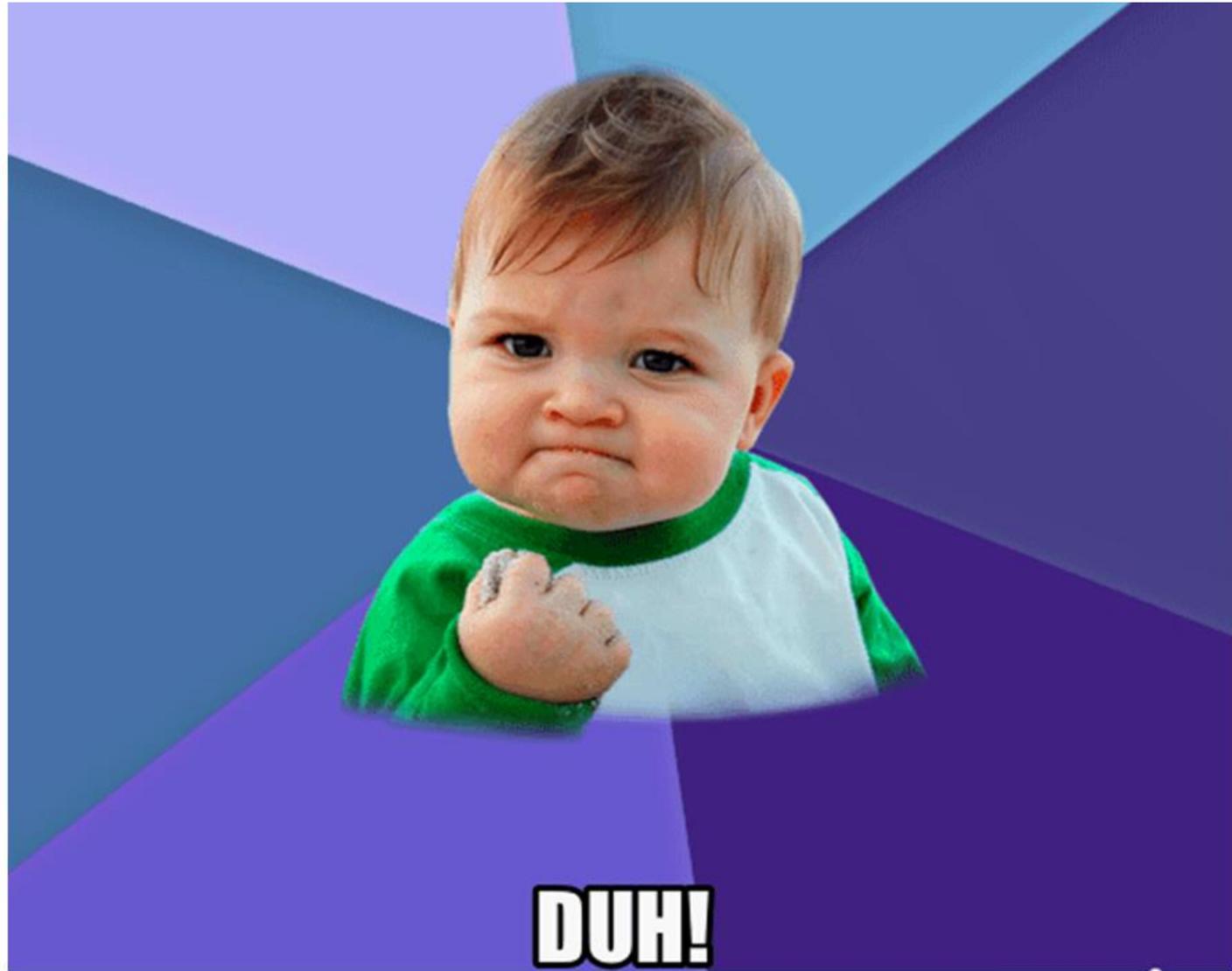


Tailored Prevention Using HIV Prevention Toolkit

Provision of Tailored Prevention Services



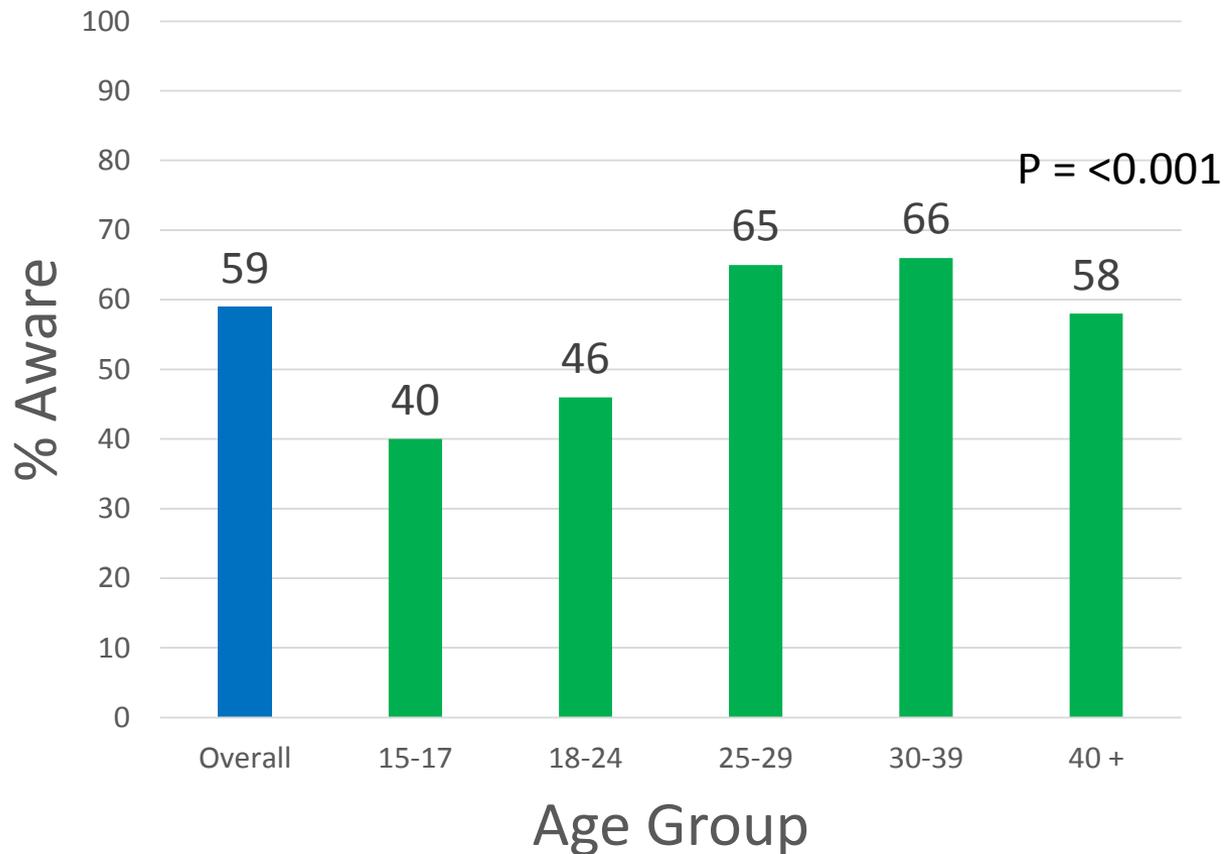
Can you start a PrEP clinic in your area?



PrEP fits right in with what we already do

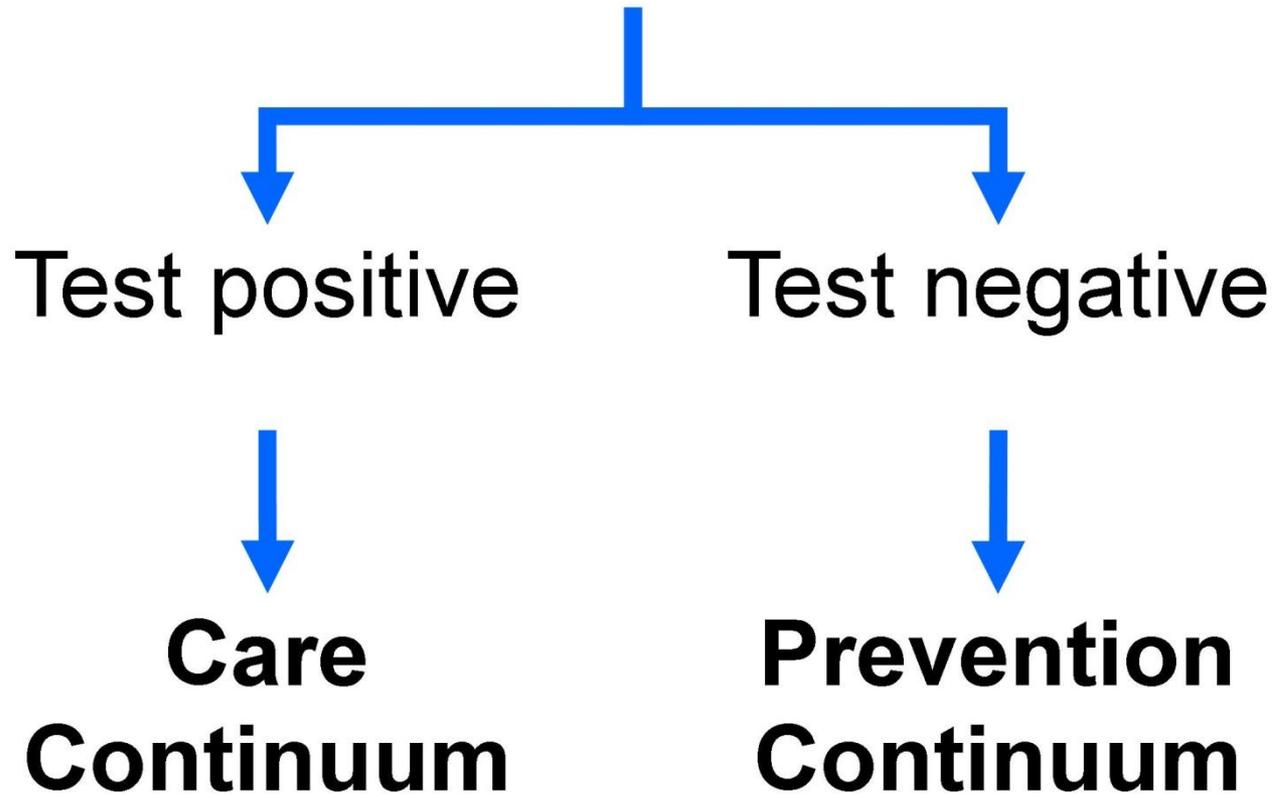
- STI clinic
- Prevention
- Health Promotion
- Addictions treatment

Awareness of PrEP by age, 7003 US MSM, 2013-2015



Sanchez T, Zlotorzynska M, Sineath C, Kahle E, Sullivan P. The Annual American Men's Internet Survey of Behaviors of Men Who have Sex with Men in the United States: 2014 Key Indicators Report. JMIR Public Health Surveill. 2016;2(1):e23. DOI: [10.2196/publichealth.5476](https://doi.org/10.2196/publichealth.5476).

HIV Testing



Steps

- **Step 1 – How do we do it?**
- **Step 2**

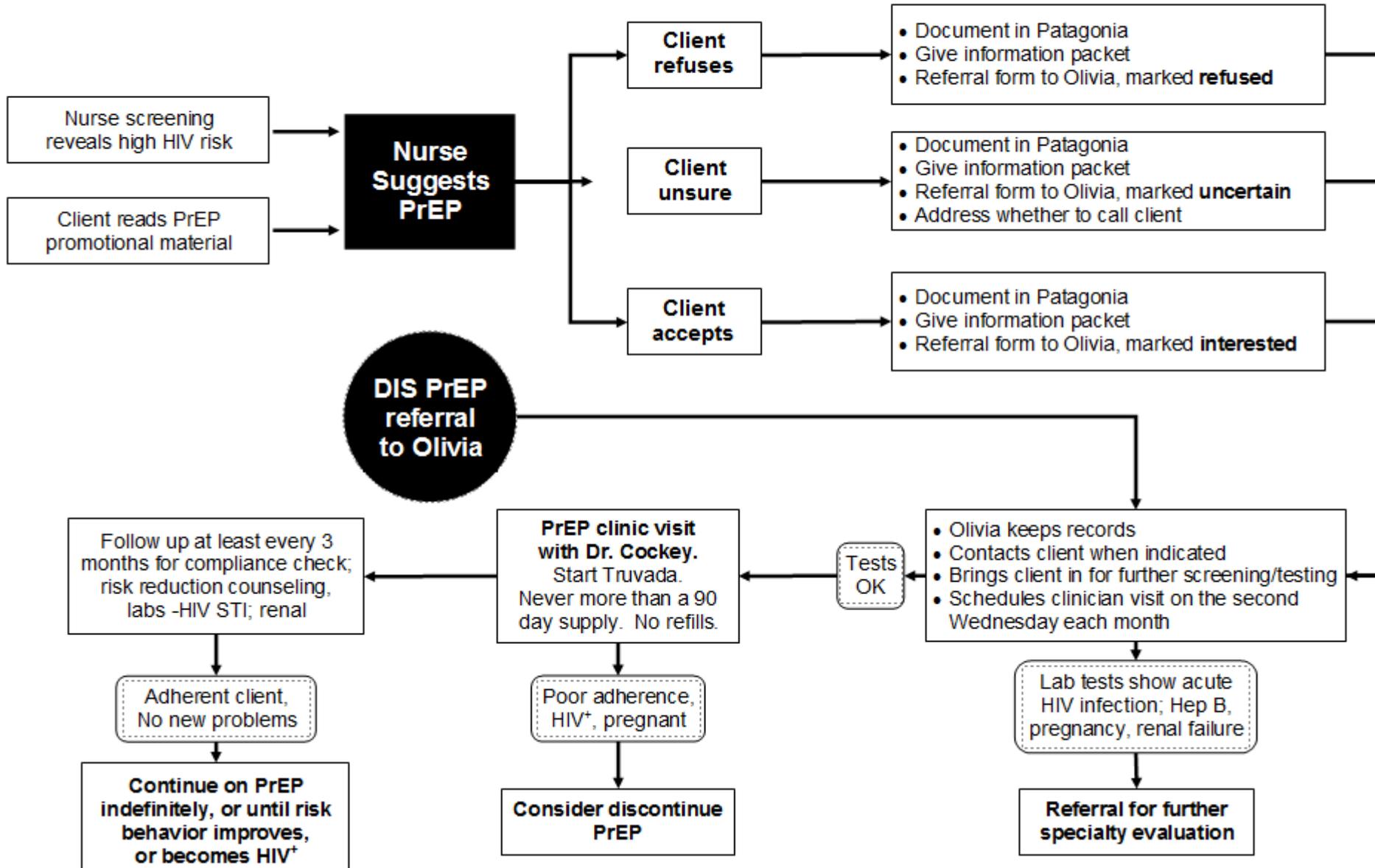


Steps in PrEP clinic development

- Engage leadership
- Train team leaders
- Develop policy & procedure
- Look for assistance
 - Md. Dept. of Health & Mental Hygiene
 - Mid Atlantic Aids Education & Training Center/Johns Hopkins
 - Wicomico County Health Department
- Train staff
- Promote program to your entire agency

PrEP Flow Chart

Publication Date: February 2015



PrEP – when people are not ready to change their risky practices

- Heterosexual – recent STI; bisexual;
- IVDU – any recent IV drug abuse; any sharing of injection paraphernalia; recent MAT
- MSMs who continue high risk sex
 - HIV+ partner
 - Recent rectal sex without condom
 - Recent STI

**FP/CD HIV PRE-EXPOSURE PROPHYLAXIS
SCREENING AND REFERRAL FORM**

Place Patient Label
Here

INDICATIONS FOR PrEP USE BY MSM

Adult man without acute or established HIV infection

- Any male sex partners in past 6 months
- Not in a monogamous partnership with a recently tested, HIV-negative man

AND at least one of the following:

- Any anal sex without condoms (receptive or insertive) in past 6 months
- Any STI diagnosed or reported in past 6 months
- Is in an ongoing sexual relationship with an HIV-positive male partner

INDICATIONS FOR PREP USE BY HETEROSEXUALLY ACTIVE MEN AND WOMEN

Adult person without acute or established HIV infection

- Any sex with opposite sex partners in past 6 months
- Not in a monogamous partnership with a recently tested HIV-negative partner

AND at least one of the following:

- Is a man who has sex with both women and men (behaviorally bisexual) [also evaluate indications for PrEP use by MSM criteria]
- Infrequently uses condoms during sex with 1 or more partners of unknown HIV status who are known to be at substantial risk of HIV infection (IDU or bisexual male partner)
- Is in an ongoing sexual relationship with an HIV-positive partner
- Any STI diagnosed or reported in past 6 months

INDICATIONS FOR INJECTION DRUG USERS

Adult person without acute or established HIV infection

- Any injection or drugs not prescribed by a clinician in the past 6 months

AND at least one of the following:

- Any sharing of injection or drug preparation equipment in the past 6 months
- Been in a methadone, buprenorphine, or suboxone treatment program in past 6 months.

Risk of sexual acquisition

Date of Referral: _____

Wicomico County HD PrEP rollout

- Initial referrals limited to STI and DIS (contact investigator)
- We have started to expand to addictions
- We opened up to referrals from Worcester County HD & Somerset County HD
- Plan to promote to local doctors
- We expect other local PrEP programs to develop

Acknowledgements

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- Olivia Butler, RN
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Regional DIS

james.cockey@maryland.gov

410-543-6930

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- Joyce Jones, MD, MS

Md. Department of Health and Mental Hygiene

Kip Castner, MPS