



Welcome to the National Association of County and City Health Officials' Webinar on PrEP and Local Health Departments

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PrEP and Local Health Departments: Module 1 Webinar

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Module 1 Overview

Webcast 1: PrEP for HIV Prevention: An Introduction

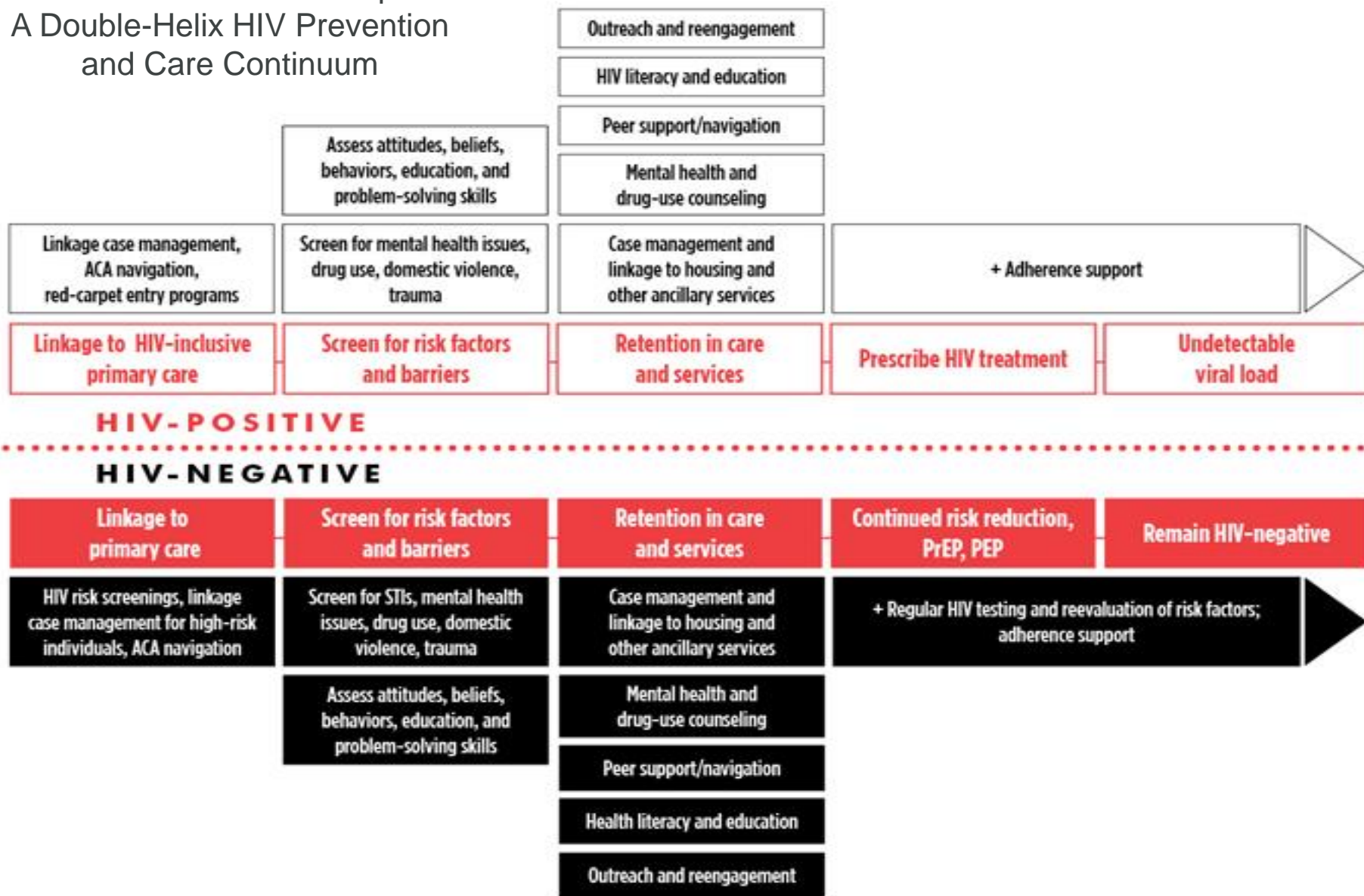
Webcast 2: Beyond the Basics: The Science of PrEP

Webcast 3: US Public Health Service Clinical Practice
Guidelines for PrEP

PrEP: What are we talking about?

- A new HIV prevention option that utilizes antiretroviral HIV medications to prevent HIV infection **before** exposure to HIV
- Involves taking daily oral tenofovir disoproxil fumarate plus emtricitabine (TDF/FTC)
 - Combination pill (brand name Truvada)
 - Approved by the U.S. Food and Drug Administration for use as HIV treatment in 2004
 - Approved for use as PrEP in July 2012

Treatment Action Group: A Double-Helix HIV Prevention and Care Continuum



The Science Behind PrEP

Evolution of HIV therapies related to HIV prevention:

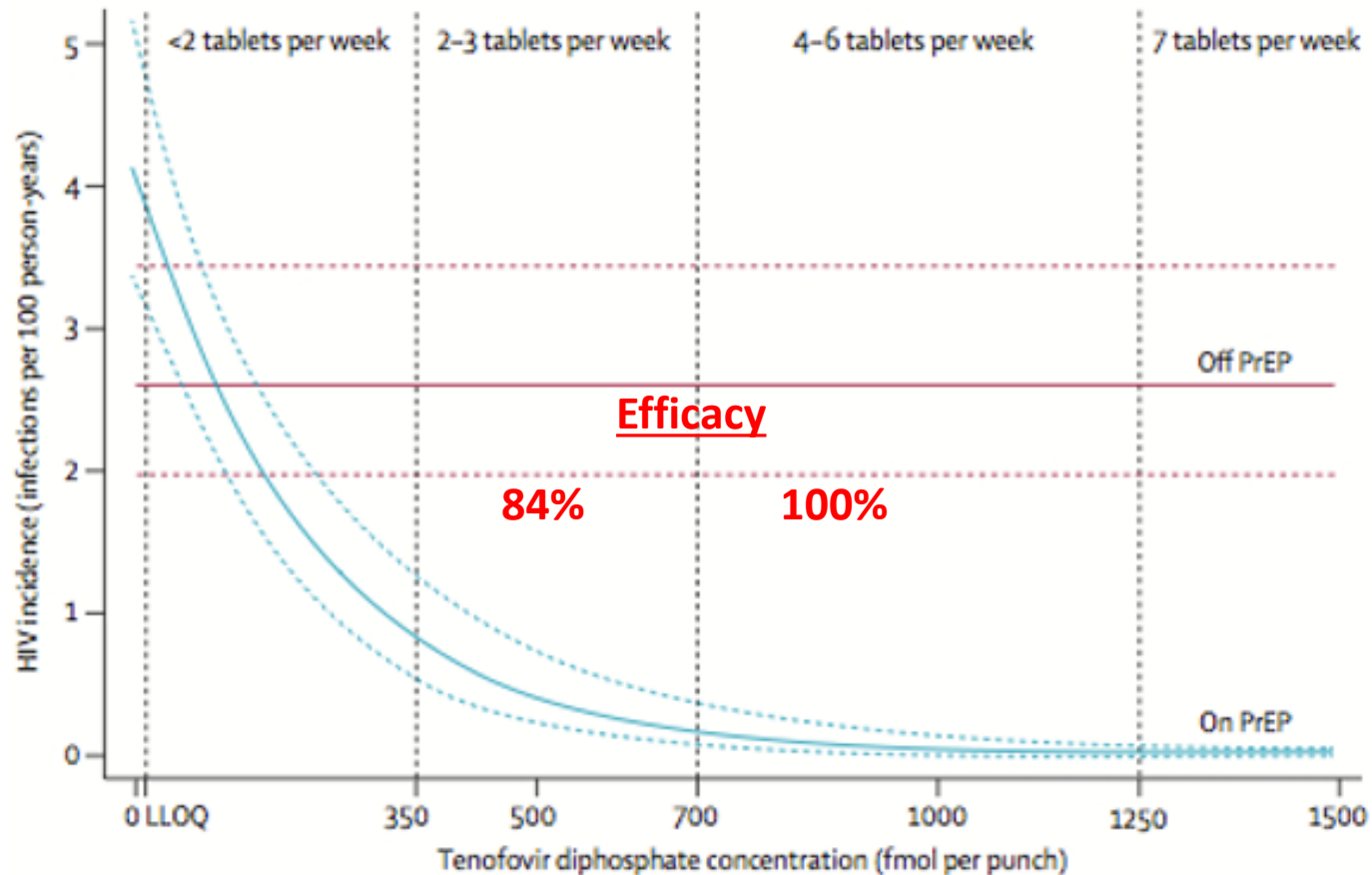
- Highly active antiretroviral therapy (HAART)
- Prevention of mother-to-child transmission (PMTCT)
- Post-exposure prophylaxis (PEP)
- Treatment as prevention (TasP)
- Pre-exposure prophylaxis (PrEP)

The Science of PrEP

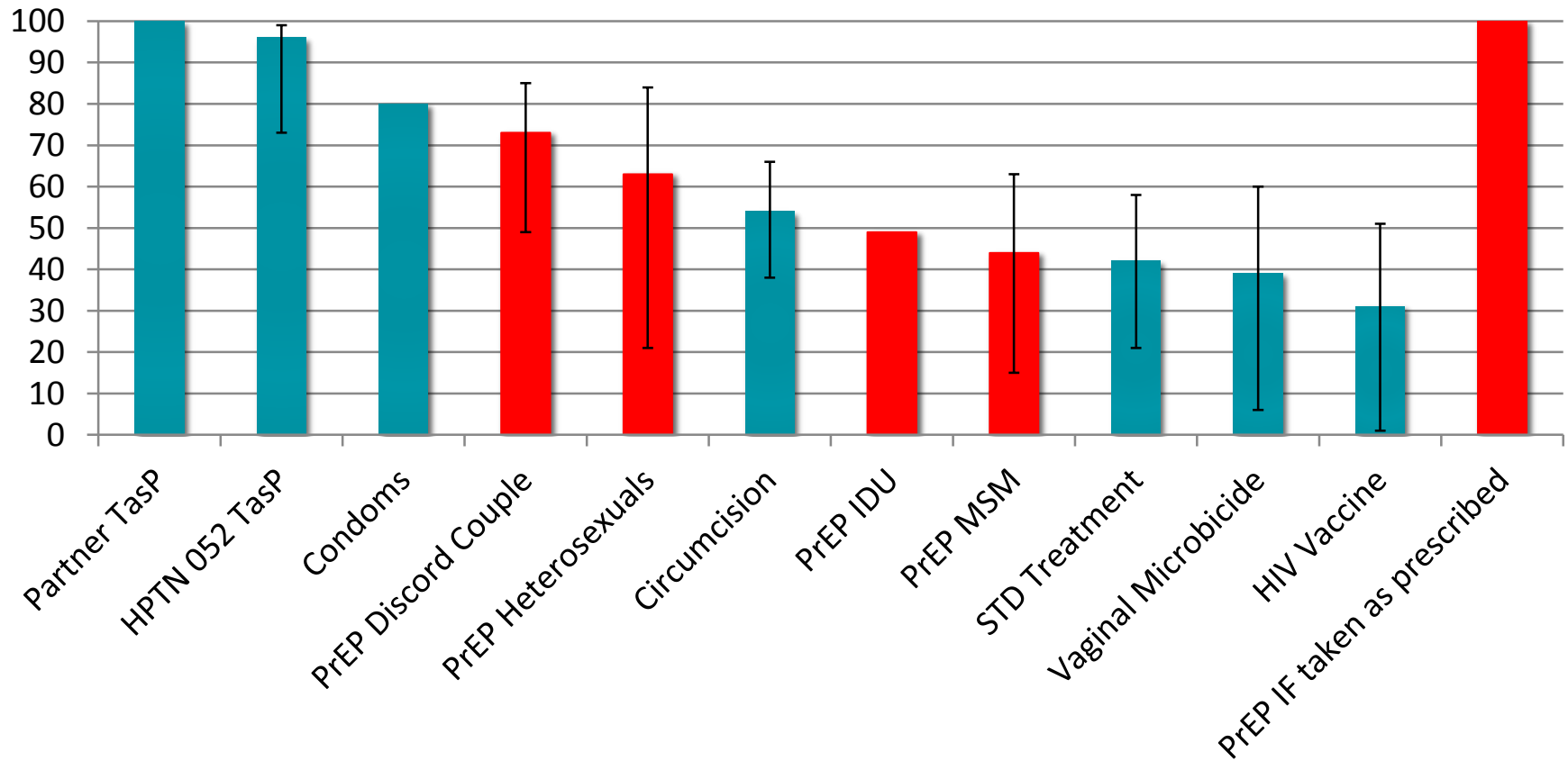
PrEP clinical trials show efficacy of 44-73%, with greater levels of efficacy (reaching 92%) among patients who took the pill consistently.

- iPrEx Study: PrEP in MSM
- TDF2: Heterosexual PrEP Study
- Partners PrEP Study: Heterosexual Serodiscordant Couples
- Bangkok Tenofovir Study: PrEP in Injection Drug Users

Increased Adherence Associated with Increased Efficacy



Prevention Science Overview: Biomedical Intervention Efficacy



Key Messages of the Guidelines

US Public Health Service

PREEXPOSURE PROPHYLAXIS FOR THE PREVENTION OF HIV INFECTION IN THE UNITED STATES - 2014

A CLINICAL PRACTICE GUIDELINE



Summary of Guidance for PrEP Use

	Men Who Have Sex With Men	Heterosexual Women and Men	Injection Drug Users
Detecting substantial risk of acquiring HIV infection:	<ul style="list-style-type: none"> Sexual partner with HIV Recent bacterial STD High number of sex partners History of inconsistent or no condom use Commercial sex work 	<ul style="list-style-type: none"> Sexual partner with HIV Recent bacterial STD High number of sex partners History of inconsistent or no condom use Commercial sex work Lives in high-prevalence area or network 	<ul style="list-style-type: none"> HIV-positive injecting partner Sharing injection equipment Recent drug treatment (but currently injecting)
Clinically eligible:	<ul style="list-style-type: none"> Documented negative HIV test before prescribing PrEP No signs/symptoms of acute HIV infection Normal renal function, no contraindicated medications Documented hepatitis B virus infection and vaccination status 		
Prescription	Daily, continuing, oral doses of TDF/FTC (Truvada), ≤90 day supply		
Other services:	<ul style="list-style-type: none"> Follow-up visits at least every 3 months to provide: HIV test, medication adherence counseling, behavioral risk reduction support, side effect assessment, STD symptom assessment At 3 months and every 6 months after, assess renal function Every 6 months test for bacterial STDs 		
	<ul style="list-style-type: none"> Do oral/rectal STD testing 	<ul style="list-style-type: none"> Assess pregnancy intent Pregnancy test every 3 months 	<ul style="list-style-type: none"> Access to clean needles/syringes and drug treatment services

Source: US Public Health Service. Preexposure prophylaxis for the prevention of HIV infection in the United States —2014: a clinical practice guideline.

Clinical Provider's Supplement

US PUBLIC HEALTH SERVICE

PREEXPOSURE PROPHYLAXIS
FOR THE PREVENTION OF HIV
INFECTION IN THE UNITED
STATES – 2014

CLINICAL PROVIDERS' SUPPLEMENT



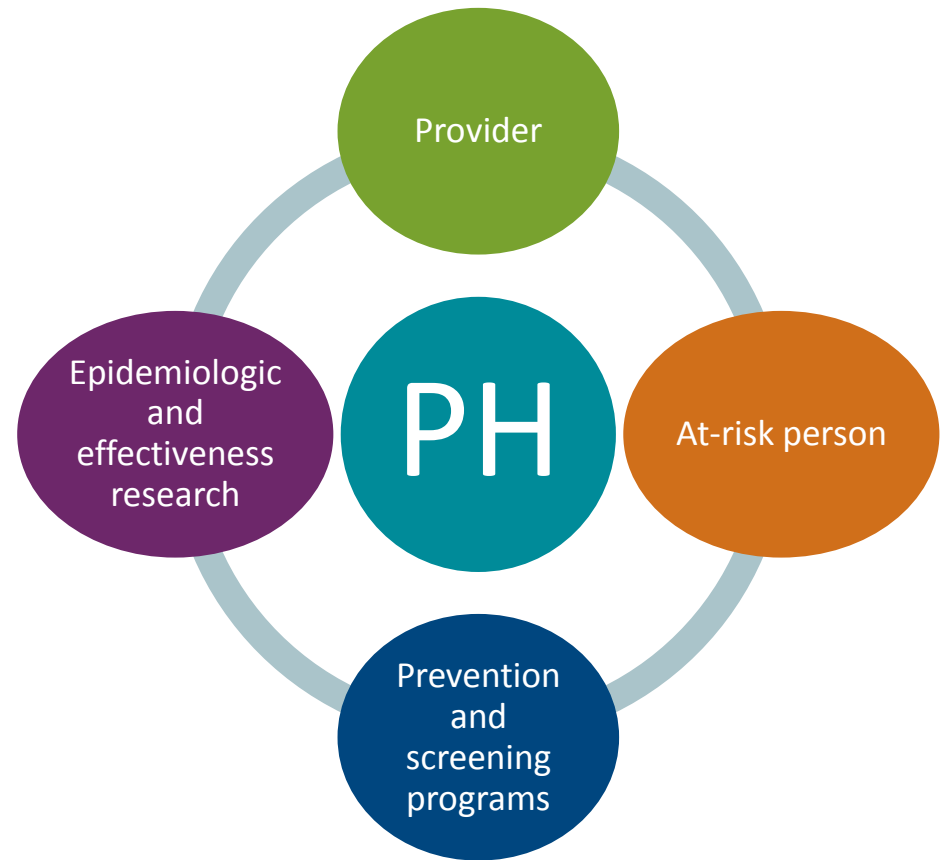
Local Health Departments and PrEP

What can local health departments do?

- Develop community profiles for HIV prevention planning
- Create resource inventories
- Educate at-risk community members, healthcare providers, and other HIV prevention partners
- Conduct risk assessments and make referrals for PrEP
- Support PrEP delivery (e.g. HIV and STI screening, adherence and behavioral risk counseling support)
- Deliver PrEP via health department clinics
- Evaluate and monitor HIV incidence and key PrEP performance measures

Public Health and PrEP

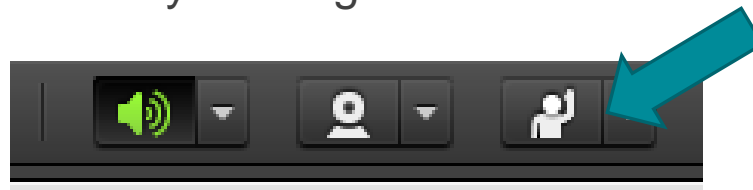
Local public health (PH) serves an ideal role as a connector between many parts of a broader network.



Question, Answer, and Discussion

Instructions for Asking a Question or Making a Comment

- Submit your question or comment via the chat box.
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 - Raise your hand by clicking this button at the top of your screen.



- We will call on you to speak and instruct you to enter *7 to unmute your line.
- After you are done speaking, mute your line by pressing the mute button on your phone or entering *6 and click on the raise hand button to lower your hand.

NACCHO's Educational Series on PrEP and Local Health Departments

Module 1

PrEP for HIV Prevention: An Introduction

Beyond the Basics: The Science of PrEP

US Public Health Service Clinical Practice Guidelines for PrEP

Module 2

Who Might Benefit from PrEP: Population-level Risk Assessments

Who Might Benefit from PrEP: Individual-level Risk Assessments

Module 3

Increasing PrEP Awareness and Knowledge in Your Jurisdiction

Incorporating PrEP into Comprehensive HIV Prevention Programs

NACCHO's Educational Series on PrEP and Local Health Departments

Module 2

Webcast release: Monday, November 3

Live webinar: Friday, November 21 from 1:00-2:00 PM EDT

Module 3

Webcast release: Monday, December 1

Live webinar: Tuesday, December 16 from 1:00-2:00 PM EDT