Indications and Contraindications for PrEP

Whitney Essex, MSN, FNP-BC

Jorge Mera, MD, FACP

Infectious Diseases, Cherokee Nation Health Services

May 7, 2021 – Indian Country PrEP ECHO

Outline

• Pre-test

- Indications for PrEP
 - Obtaining a sexual history
- Contraindications for PrEP

Post-test

Who should be offered PrEP?

Anyone at risk of HIV acquisition

Indications for PrEP

Engage in condomless sex with partners whose HIV status is unknown, or who have untreated HIV, or who have unsuppressed virus while on treatment for HIV

Are attempting to conceive with a partner who has HIV

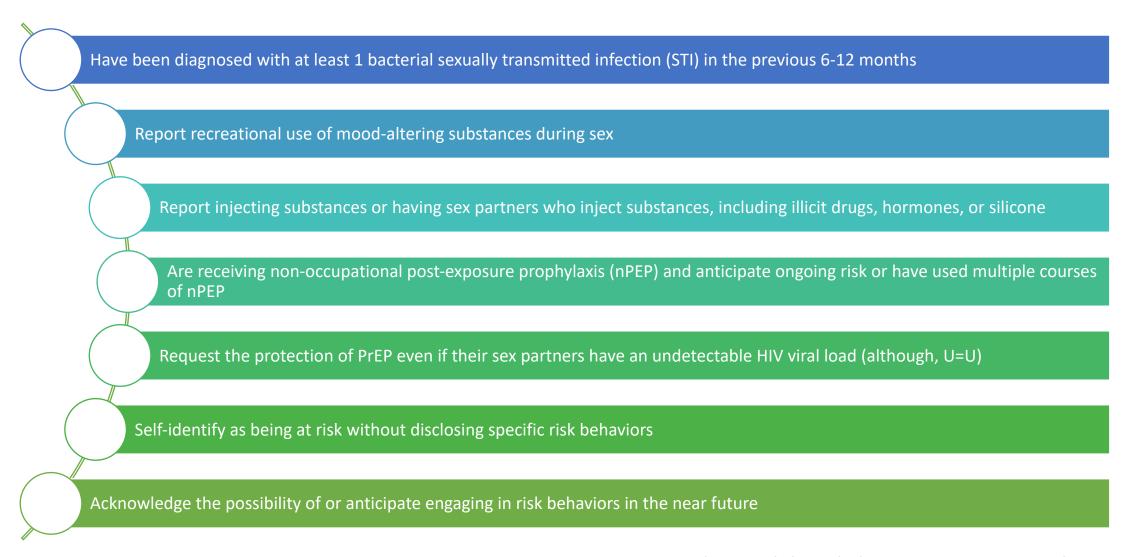
Are at ongoing risk of HIV acquisition during pregnancy through inconsistent condom use with sex partners who have unsuppressed virus

Have, or are involved with partners who may have, multiple or anonymous sex partners

Engage in sexual activity at parties and other high-risk venues, or have sex partners who do so

Are involved, or have partners who may be involved, in transactional sex (i.e., sex for money, drugs, food, or housing), including commercial sex workers and their clients

Indications for PrEP – continued



Contraindications for PrEP

Documented HIV Positive

Unknown HIV status

Symptoms of acute HIV in past 30 days

Creatinine clearance <60mL/min (TDF/FTC)

• TAF/FTC is a reasonable alternative in cisgender MSM and in transgender women with a CrCl 30-60 mL/min

Taking a sexual history

Sexual health can greatly impact overall quality of life

 A sexual history allows you to identify those individuals at risk for sexually transmitted infections (STIs), including HIV, and to identify appropriate anatomical sites for certain STI tests

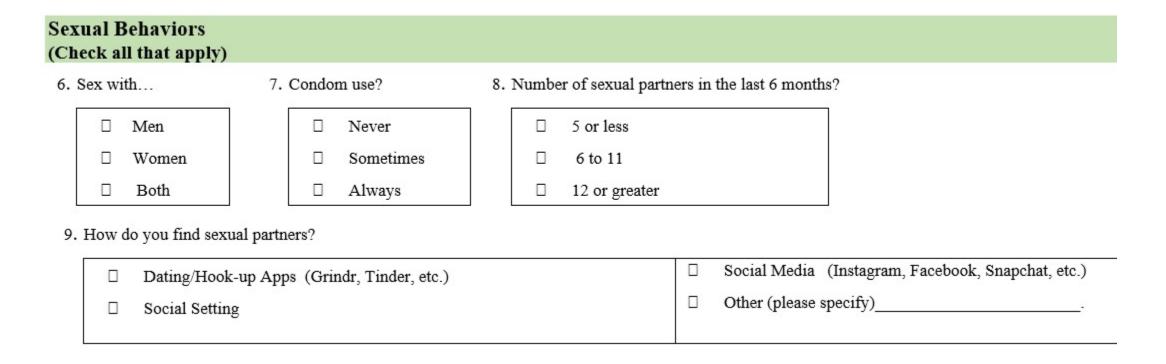
 Provides an opportunity for risk-reduction counseling and sharing information about behaviors that may place your patient at risk of contracting STIs

Taking a sexual history

Many ways to illicit the necessary information!

- Some may prefer open dialogue, while others may prefer written response to predetermined questions
 - This applies to patients and providers
- Either way, let the patient know that you ask these questions of all adult patients, regardless of age, gender, gender identity, or marital status

Examples of written responses



Examples of written responses

IV Drug Use								
17. Ever injected?		18. Last	8. Last time injected?		19. Substance injected?			
	Yes		6 months or less	8.		Meth		Opiates
] No		7 to 12 months	91		Other		Prefer not to say
			13 months or greater	2				
20. Did you share injection equipment?			21. Have you ever had so	ex associated	with al	cohol or drug use?		
	Yes		□ Yes					
	□ No							

Examples of open dialogue

- Are your sex partners men, women, or both?
- How many sexual partners have you had in the past 6 months?
- Have you have ever had an STI?
- Do you use condoms every time you have sex?
- "Some STIs can be passed along from sites other than the genitals, like the throat and the rectum. So for these tests, we will need to do a throat and rectal swab."

Basic Sexual History for PrEP Evaluation

Have you injected drugs in the last 6 months

Yes: NEEDS PrEP Evaluation
 No: Go to next question

Do you have sex with women, men or both?

No: You are done !!!!
 Yes: Go to next question

During sex do you use condoms?

All the time: You are done !!!!
 Sometimes: Go to next question
 Never: Go to next question

How many sexual partners do you have

- One partner and they know their HIV status to be negative: You are done!!!
- One or more without knowing their HIV status: NEEDS PrEP Evaluation

Conclusions

Many indications for PrEP and few contraindications

More than one way to take a sexual history

Approach will differ among patients and providers

Don't forget about substance use screening

References

- Cherokee Nation Health Services PrEP Survey Tool, Pilot Form 01/2020
- Heffron R, Pintye J, Matthews LT, et al. PrEP as Peri-conception HIV Prevention for Women and Men. *Curr HIV/AIDS Rep* 2016;13(3):131-139.
- National HIV Curriculum. https://www.hiv.uw.edu/page/qb/question/prevention/preexposure-prophylaxis-prep/6
- Preexposure Prophylaxis for the Prevention of HIV Infection in the United States 2017 Update Clinical Practice Guideline https://www.cdc.gov/hiv/pdf/risk/prep/cdc-hiv-prep-guidelines-2017.pdf
- Taking a Sexual History, CDC Publication: 99-8445. https://www.cdc.gov/std/treatment/sexualhistory.pdf
- Vail, R.M., with the Medical Care Criteria Committee, October 2019. PrEP to Prevent HIV and Promote Sexual Health: Clinical Guidelines Program, JHU School of Medicine, Division of Infectious Diseases. Retrieved from https://www.hivguidelines.org/prep-for-prevention/prep/#tab_2 on Jan. 8, 2020.