

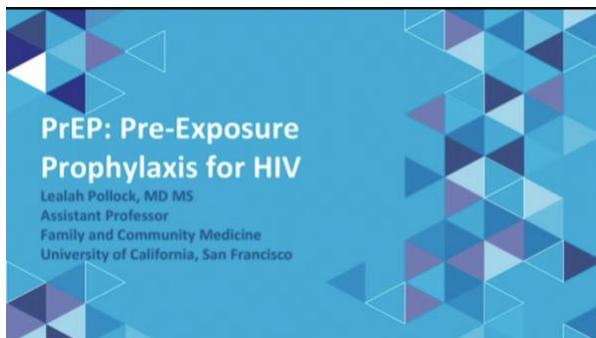
PrEP: Pre-Exposure Prophylaxis for HIV Lesson Plan

Learning Objectives:

By the end of the session, learners will understand:

- Biomedical options for HIV prevention
- The use and administration strategies for PrEP
- The efficacy of PrEP in preventing HIV transmission
- The FDA approved regimens and alternate regimens
- How to counsel and evaluate for PrEP

Video Lecture:



PrEP: Pre-Exposure Prophylaxis for HIV
Presented by Lealah Pollock, MD MS

Available at <https://www.innovating-education.org/2019/05/prescribing-emergency-contraception/>

Citations

Haeger et al. 2018; Glasier et al. 2011; Edelman et al. 2018; Kapp et al. 2015

Lesson Plan in a Flipped Classroom Setting PrEP: Pre-Exposure Prophylaxis for HIV

Using a flipped classroom model, this lesson plan will use the video lecture and additional resources to provide learners with an engaging learning environment. [Here's how](#) to use this course in a “flipped-classroom” at your own institution.

Teaching Points:

- Family planning visits are a great opportunity to use shared decision making to identify HIV prevention strategies in the context of a patient’s reproductive goals

- Women are unaware of their risk for HIV and unfamiliar with PrEP
- Gay and bisexual men are the populations most affected by HIV
- Black and Latinx individuals are disproportionately affected by HIV
- Stigma, lack of insurance, and lack of providers comfortable with PrEP are large barriers to PrEP uptake
- PrEP is highly effective when taken correctly. The degree of adherence determines the level of protection.
- Adherence counseling is critical when prescribing PrEP

Time Required:

Total Time of Video Lecture: 10:49 min

Estimated Independent Prep Time Required by Learner: 15 min

Total Estimated Time Required for In-Classroom Activity: 30 min-1 hr

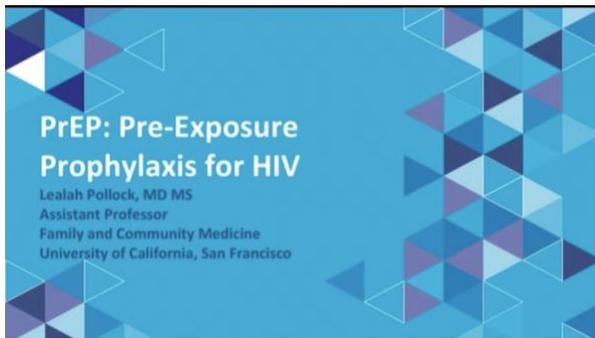
Materials Required and Instructor Preparation:

- Learners will need internet access with enough bandwidth to view streaming videos.
- The instructor should print copies of the small group activity quiz (page 3) included in this packet.

Individual Activity:

PrEP: Pre-Exposure Prophylaxis for HIV Lecture

- Learners can watch didactic lecture before the workshop in a flipped classroom model or during class time.
- Learners may be assigned any of the following relevant readings (determined by instructor's desired learner work-load) as outlined in the "Suggested Readings" section on page 1.



In-Classroom Activity

- Divide the classroom into small groups and distribute the small group activity quiz (page 4-5). Instruct learners to spend 15 minutes and work together to answer the questions provided.
- At the end of this activity, convene the class. Present the questions and have learners share their answers and discuss.
- Write the correct answers on the board for the class to see. Collect each handout from learners
 - The instructor can reference the answer sheet on page 4

Names

PrEP: Pre-Exposure Prophylaxis for HIV
Small Group Activity Quiz

Questions:

In your group, answer the following questions referencing the video lecture assigned before class. Be prepared to turn in this handout at the end of class.

1. What are the 3 different biomedical options for HI prevention?
 - a. PrEP (Pre-Exposure prophylaxis)
 - b. PEP (Post-exposure prophylaxis)
 - c. TaSP (Treatment as Prevention)
 - d. All of the above

2. The only currently FDA approved PrEP regimen(s) is/are (check all that apply):
 - a. On demand PrEp (2-1-1 PrEP)
 - b. Once daily Tenofovir Disoproxil Fumarate + Emtricitabine (brand name Truvada)
 - c. Tenofovir AF/Emtricitabine (Descovy)
 - d. Long-acting injectables
 - e. Vaginal rings

3. True/False: When someone living with HIV is taking effective treatment and has an undetectable viral load they cannot transmit HIV to a sexual partner

4. List the 5 steps of the initial evaluation for PrEP
 - i.
 - ii.
 - iii.
 - iv.
 - v.

5. True/False: HIV is not transmitted through oral sex unless someone has open sores or cuts in their mouth

PrEP: Pre-Exposure Prophylaxis for HIV
Small Group Activity Quiz

Answers

1. What are the 3 different biomedical options for HI prevention?
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 - c. TaSP (Treatment as Prevention)
 - d. **All of the above**

2. The only currently FDA approved PrEP regimen(s) is/are (check all that apply)
 - a. On demand PrEp (2-1-1 PrEP)
 - b. **Once daily Tenofovir Disoproxil Fumarate + Emtricitabine (brand name Truvada)**
 - c. Tenofovir AF/Emtricitabine (Descovy)
 - d. Long-acting injectables
 - e. Vaginal rings

3. True/False: When someone living with HIV is taking effective treatment and has an undetectable viral load they cannot transmit HIV to a sexual partner
True

4. List the 5 steps of the initial evaluation for PrEP
 - i. **Confirm HIV negative**
 - ii. **Test for hepatitis B; vaccinate if nonimmune**
 - iii. **Screen for hepatitis C**
 - iv. **Confirm normal renal function**
 - v. **Test. For and treat STIs**

6. True/False: HIV is not transmitted through oral sex unless someone has open sores or cuts in their mouth
True