



Yes, We Can! Spotlight on Tools to End HIV

Oliver Refugio, MD, MPH, AAHIVS

(he/him/his)

December 3, 2024

World AIDS Day 2024



Treating HIV = Preventing HIV



As evidenced by several trials...

- > HPTN 052
- > PARTNER/PARTNER2
- Opposites Attract

HIV Prevention in the 1980s – early '90s



- ✓ HIV testing
- √ Condoms
- ✓ Limiting sex partners
- ✓ Avoiding needle sharing





HIV Post-exposure Prophylaxis (PEP)

...1st HIV prevention medication strategy

Who? HIV negative persons

When? within 72h AFTER exposure

How? daily pills for 28 days



HIV Pre-exposure Prophylaxis (PrEP)

...potential turning point in HIV prevention



The Future of HIV PrEP... Injections only twice a Year?!



Lenacapavir effective in reducing HIV transmission in PURPOSE 1&2 Trials (inclusive of all genders).

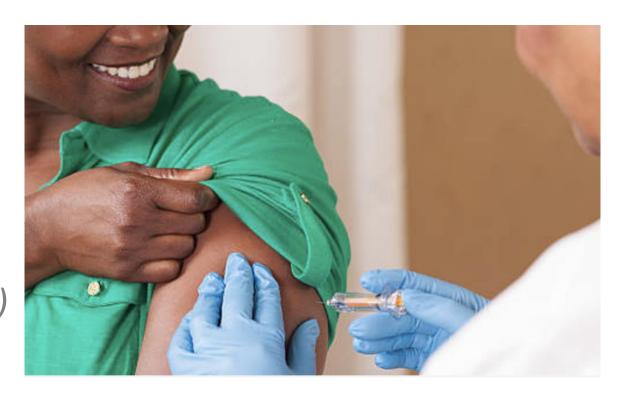
STI Prevention = HIV Prevention

...sexually transmitted infections (STIs) facilitate HIV transmission

Vaccine-preventable STIs:

- > HPV
- > Mpox
- Hepatitis A
- Hepatitis B

*Gonorrhea? (MenB vaccine)



DoxyPEP, the new kid on the block

...reduces risk of syphilis, chlamydia, and gonorrhea

Who?

• Cisgender men who have sex with men

Transgender women

When?

Within 72h AFTER condomless sex

How?

200mg oral doxycycline



HIV Prevention Beyond Medications

...science is evolving, but are we?

Anti-LGBTQ+ policies

Housing Crisis

Systemic Racism



Mental Health

Stigmatization of Substance Use Disorders

HIV Prevention Beyond Medications

...science is evolving, but are we?

Equitable access?

Collaboration?

Whole-person, person-centered?



Innovation?

Resource allocation?







HIV Treatment

Gender Affirming Care

HIV PrEP/PEP and DoxyPEP

Hepatitis C Treatment

STI Testing/Treatment

Substance Use Disorder Treatment

