



# Adolescent girls' PrEP uptake from a community-based mobile clinic: early lessons from the POWER demonstration project

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2<sup>nd</sup> International HIV Adolescent Workshop



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# Importance of PrEP for Young Women



- Adolescent girls and young women experience 1000 new HIV infections every day
- World Health Organization (2015) recommends PrEP offered to all populations at ‘substantial risk’ of HIV infection
- PrEP delivery in larger-scale ‘real-world’ settings, especially in African AGYW, are not yet well described



## PrEP

Pre-Exposure  
Prophylaxis (PrEP)  
for HIV Prevention

### 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*).



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## Prevention Options for Women Evaluation Research

### Objective

*Develop cost-effective and scalable models for implementation of ARV-based HIV prevention products for young women in Cape Town and Johannesburg (South Africa) and Kisumu (Kenya).*

### Where We Work



### Consortium Partners



UNIVERSITY OF WASHINGTON  
INTERNATIONAL CLINICAL RESEARCH CENTER



DESMOND TUTU  
HIV FOUNDATION



UNIVERSITY OF THE WITWATERSRAND  
WITS RHI

**Carnegie  
Mellon  
University**



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# PrEP delivery from mobile clinic



Philippi, Nyanga, Mitchells Plein



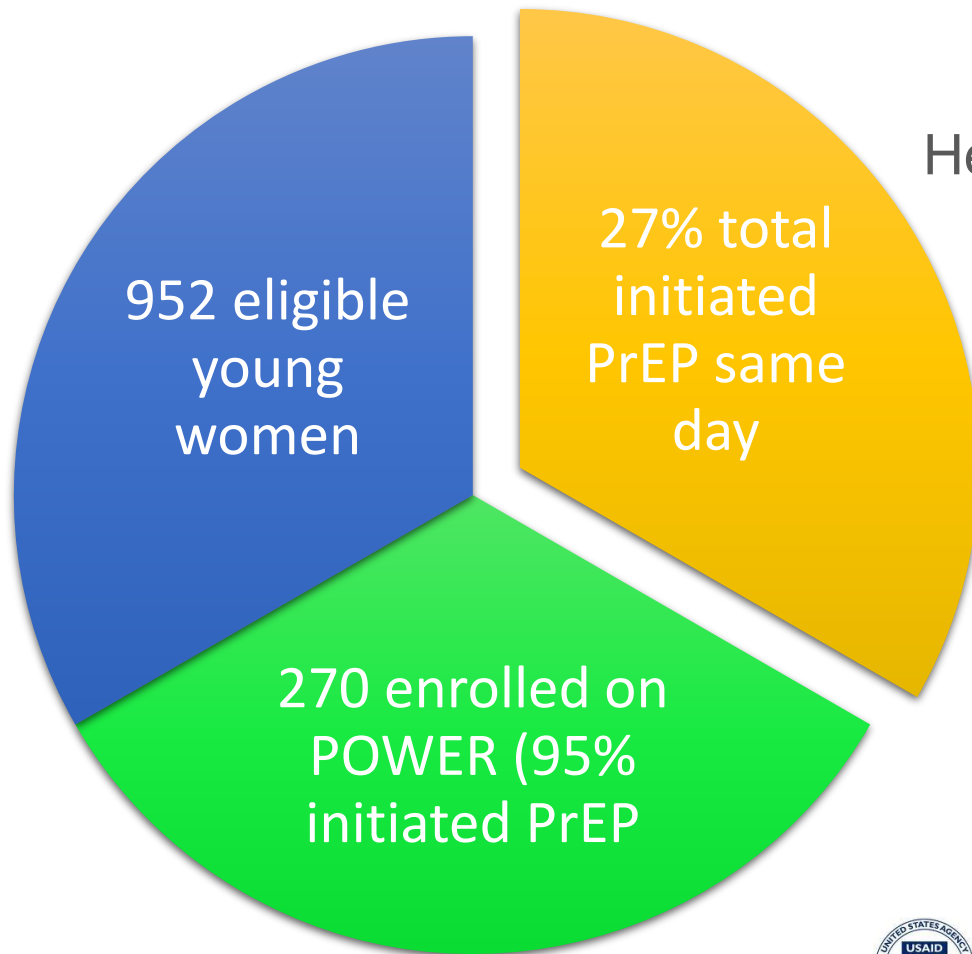
- Recruit 1000 HIV uninfected women ages 16-25
- Adolescent Friendly Services (fast and convenient)
- Anonymous biometric medical records
- STI testing and treatment
- Existing Family Planning services

# PrEP uptake

June 2017 – July 2018

Heterosexual, sex in past 3 month

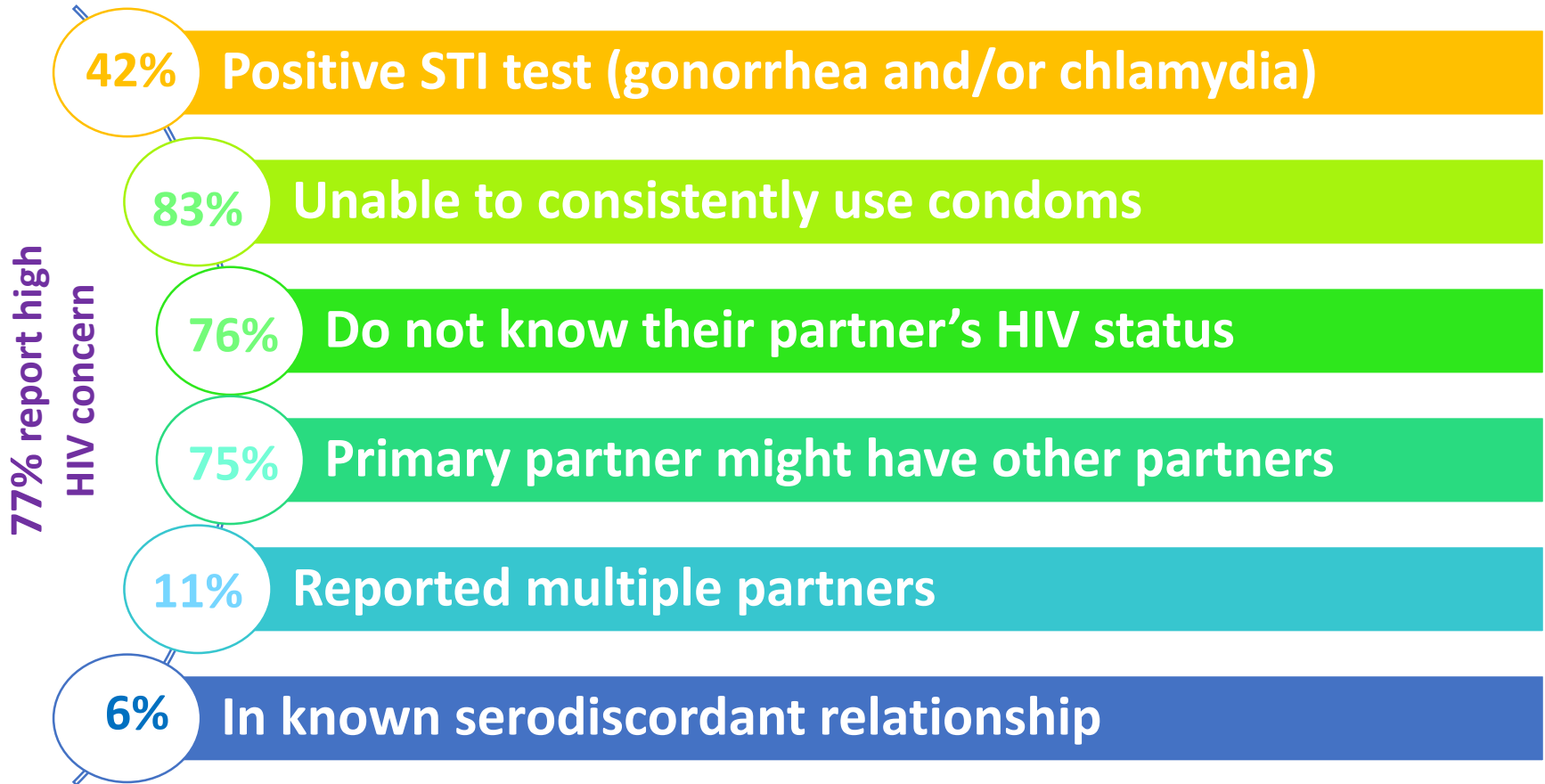
66% between 18-22 years



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# POWER Cohort characterized



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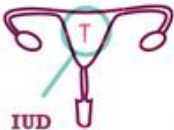
# Early outcomes

- 41% came for PrEP refills at month 1 follow-up
- 18% of young women who stopped PrEP resumed within 3 months




**PREVENTING PREGNANCY**

**MORE EFFECTIVE**  
Less than 1/100 women will get pregnant in one year using these methods



IUD




implant

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With typical use, less than 8/100 women will get pregnant in one year using these methods

**GET REPEAT INJECTIONS ON TIME.**



Depo; the Shot

**TAKE A PILL EACH DAY.**



pills

- 33% were on contraception at enrollment
- additional 32% started contraception with PrEP



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# Conclusion

- PrEP uptake was associated with high HIV risk
- PrEP initiation was associated with contraception uptake and continuation, supporting integration of PrEP delivery within sexual and reproductive health services.
- PrEP delivery to adolescent girls and young women through a mobile clinic is feasible
- Additional research is needed to understand PrEP persistence and effective support strategies for adolescent girls and young women



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