



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

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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

Where We Work



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).

Consortium Partners



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PrEP delivery from mobile clinic



Philippi, Nyanga, Mitchells Plain



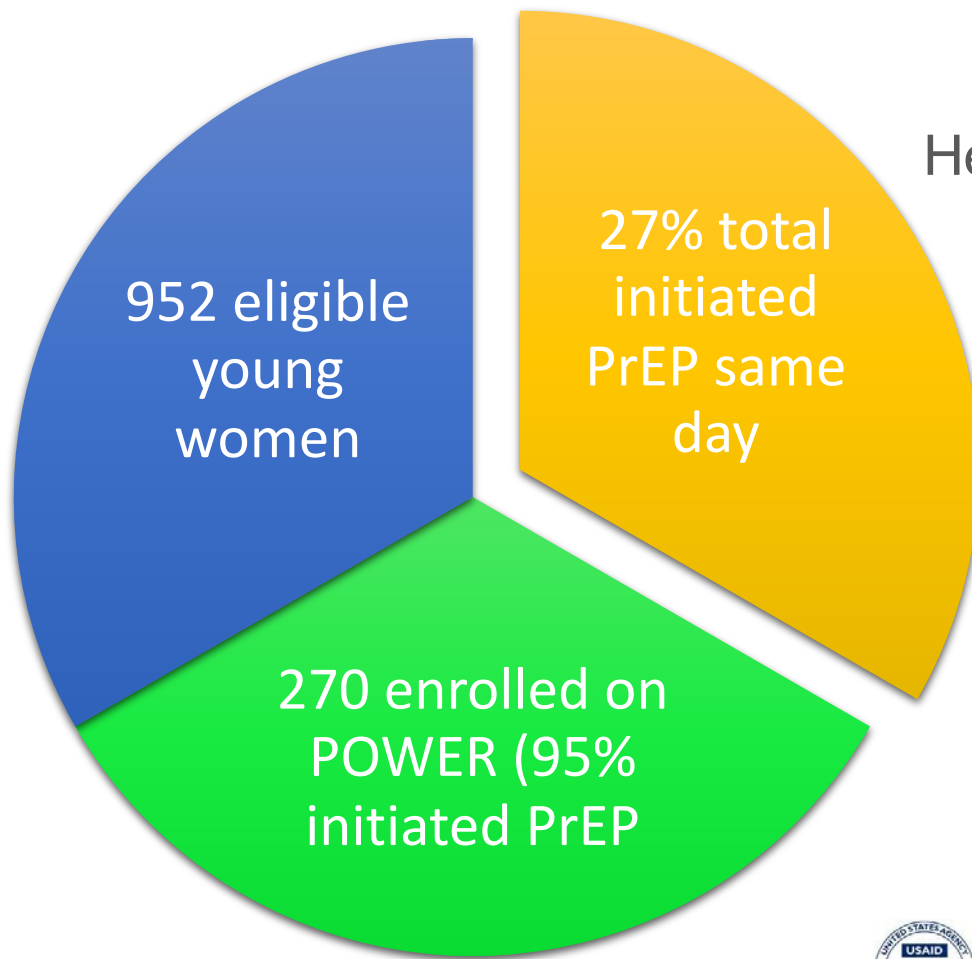
- Recruit 1000 HIV uninfected women ages 16-25
- Adolescent Friendly Services (fast and convenient)
- Anonymous biometric medical records
- STI testing and treatment
- Existing Family Planning services

PrEP uptake

June 2017 – July 2018

Heterosexual, sex in past 3 month

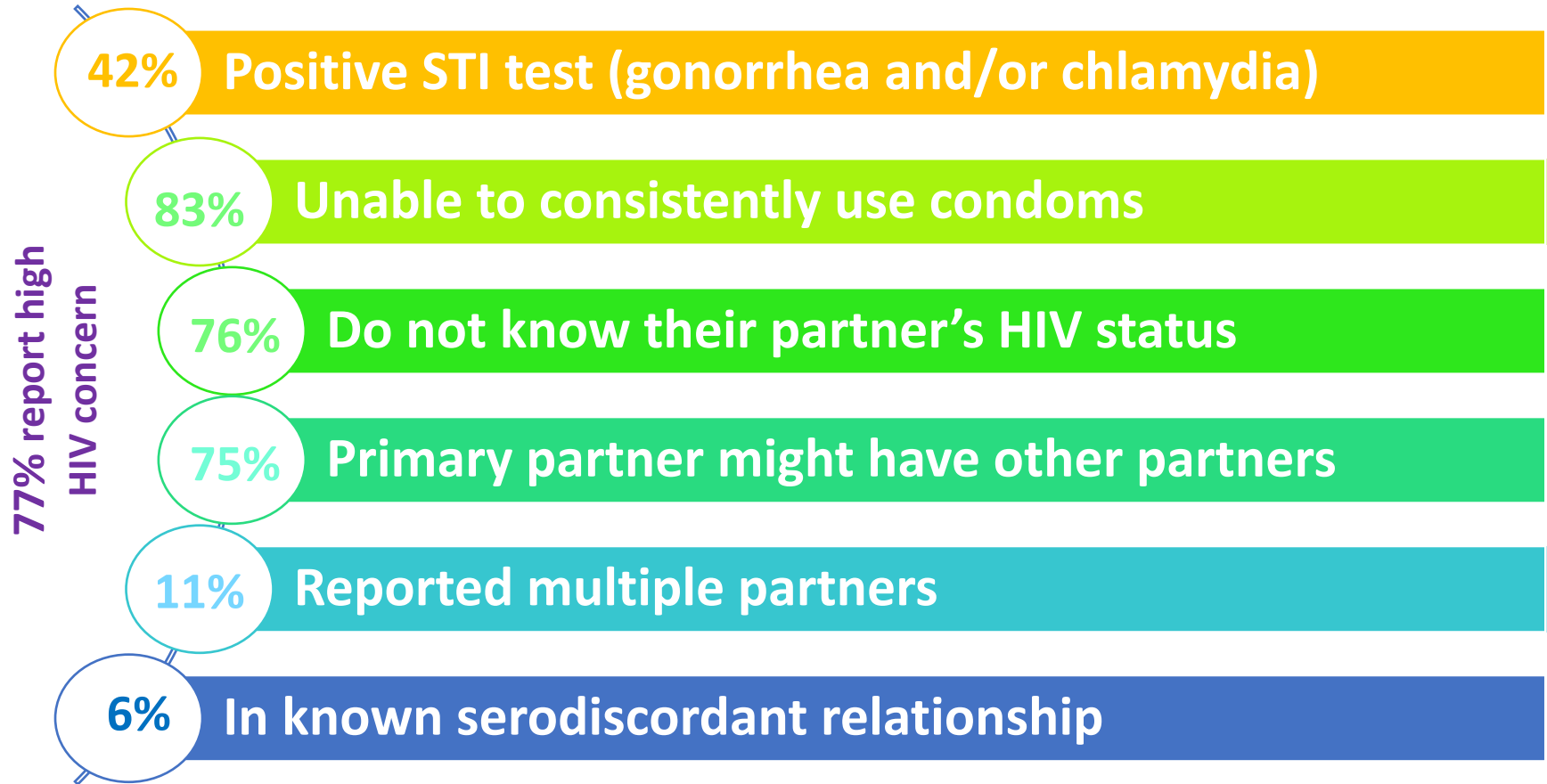
66% between 18-22 years



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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** 

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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