Availability of Oral PrEP through the National Program in Brazil

Ministry of Health of Brazil
Secretariat for Health Surveillance
Department for Surveillance, Prevention and Control of STIs, HIV/AIDS and Viral Hepatitis

March 27th, 2018
Outline

• PrEP Implementation Studies in Brazil
• Brazilian PrEP Guideline
• Investment and TDF/FTC Procurement
• Health Workers Capacity Building
• PrEP Service Network
• Monitoring and Indicators
• Current PrEP Status
Health system based on decentralized universal access

The federal, state and municipal levels are responsible for prevention, diagnosis and treatment of STI/HIV/AIDS and VH.

Population: 207.8 million
Area: 8,514,877 km²

Source: Instituto Brasileiro de Geografia e Estatística,
Oral PrEP global roll-out, 2018

**National roll-out** - Australia, Belgium, Brazil, Canada, Kenya, New Zealand, Norway, Scotland NHS, South Africa (?US)

**Other implementation** (e.g. demonstration projects, pharmacy access, DREAMS)

---

PrEP Ya! Latin America wants PrEP, and Brazil leads the way.
PrEP Implementation Studies in Brazil

• Since 2013, the MoH has co-financed five PrEP demonstration projects* to inform National PrEP policy with consistent scientific evidence, including a knowledge and willingness among MSM **.

• A cost-effectiveness study, in partnership with Fiocruz and Harvard University, has showed PrEP is cost-effective in Brazil among key populations** *. 

*PrEP Brazil (Fiocruz), Projeto Combina (FMUSP), “PreParadas” (Fiocruz), Projeto Horizonte (UFMG), Projeto Trans (UFBA) em: Rio de Janeiro, São Paulo, Porto Alegre, Manaus, Ribeirão Preto, Belo Horizonte, Salvador, Fortaleza e Curitiba.
*** Luz, P et al. The cost-effectiveness of HIV pre-exposure prophylaxis (PrEP) in high-risk men who have sex with men (MSM) and transgendered women (TGW) in Brazil. Available at: http://programme.aids2016.org/Abstract/Abstract/7622

• In 2018, other two new implementation studies, in partnership with UNITAID and Fiocruz (ImPrEP and PrEP Adolescents), will start.
PrEP Brazil Demonstration Project

Retention, engagement, and adherence to pre-exposure prophylaxis for men who have sex with men and transgender women in PrEP Brasil: 48 week results of a demonstration study


Summary

Background PrEP Brasil was a demonstration study to assess feasibility of daily oral tenofovir disoproxil fumarate plus emtricitabine provided at no cost to men who have sex with men (MSM) and transgender women at high risk for HIV within the Brazilian public health system. We report week 48 pre-exposure prophylaxis (PrEP) retention, engagement, and adherence, trends in sexual behaviour, and incidence of HIV and sexually transmitted infections in this study cohort.

- PrEP retention (48w): 83%
- PrEP adherence: 74%
- Mean number of sexual partners and STI decreased
- 76% volunteers had > 12 years of schooling

✓ Offering PrEP at public health clinics in Brazil, free of charge at the point of care, can retain high numbers of users and achieve high levels of adherence without risk compensation.

Combine Study! PrEP Demonstration Project

- PrEP retention: 91.2%
- PrEP engagement: 72%

- Gay man individuals with higher educational level and reporting higher risk for HIV are more likely to initiate PrEP
- One third of participants reported the intention of not using condoms after initiating PrEP

Sources:
PrEP Cost-effectiveness study in Brazil

Source:
Translating Evidence Into Action

Scientific Evidence

Knowledge Translation

Implementation as a Public Policy
Brazilian HIV Epidemic

HIV Prevalence. Brazil, 2007-16

Combination Prevention “package”

- Condoms and Gel Lubricants
- Testing for HIV
- TasP
- PrEP
- PEP
- STI diagnoses and treatment
- PMTCT
- Harm reduction
National PrEP Guideline (PCDT PrEP)

• Developed by a special committee of scientific experts and civil society.

• National Commission for Technology Incorporation (CONITEC) has recommended the inclusion of PrEP + ANVISA regulatory approval of TDF+FTC (Gilead) in May 2017.

• The priority target for PrEP are key populations, which concentrate the highest prevalence of HIV in the country:
  - Gays and other MSM;
  - Trans people;
  - Sex workers,
  - Serodiscordant couples

• The Brazilian guideline offers daily dosing of TDF+FTC.

www.aids.gov.br/pcdt
PrEP follow up - overview

**Eligibility criteria:**
- Key population Groups and
- Condomless anal or vaginal sex past 6 months and/or
- Repeated PEP use and/ or Repeated IST.
- HIV negative
- + Other HIV vulnerabilities (use of drugs, number of partners, etc)
Investment and procurement of TDF+FTC

- Initial investment of USD 2.7 million to purchase 3.6 million tablets, in order to meet the demand for the 1st year (US$ 0.75/unit or US$ 22.50/bottle)

- Generic medicines may potentially become available

- Available at the Brazilian National Health System **free of charge** at the point of care.
Other IEC materials

For PrEP Users

For Health Professionals
PrEP Guideline App
PrEP Capacity Building and Trainings

• Webinars for health workers

• Followed by a 2-day workshop for health workers

• Ongoing: development of PrEP e-course in partnership with CDC and ICAP.
PrEP services across the country

- **9,000 prophylaxis** for the first year (2018).

- Roll-out in two phases:
  - Started provision of PrEP through **36 sites** in 11 states, beginning on December 2017
  - Second phase will resume in March 2018 in other 16 states, including other **29 health services**.

1st Phase: 36 services in 22 municipalities/11 states
PrEP Monitoring System in SICLOM – National database (ARV logistic system)

- 1st round of PrEP Monitoring will happen with 90 days of implementation (March 31st)
PrEP indicators

- In line with La Lupa (PAHO/WHO) and GAM (UNAIDS)

- **20 indicators** comprising the following dimensions:
  - PrEP user profile
  - Sexual practice
  - Adverse events
  - PrEP adherence
  - HIV and HCV diagnosis and seroconversion
  - PrEP interruption
  - STI occurrence
  - Health service network
Preliminary Results of PrEP implementation in Brazil (60 first days)

- Around 9% of PrEP users under SUS reported Transactional Sex
Now, our challenge is to get PrEP to reach those who can most benefit from it and are at greater risk for HIV: low-income and non-white individuals from transgender, young gays and sex workers groups.
Thank you!
www.aids.gov.br/prep

Adele.Benzaken@aids.gov.br
prep@aids.gov.br