

Adherence 2020  
Adolescents and HIV: Opportunities  
to Close Gaps with Implementation  
Research

PrEP1519  
**What have we learned to promote PrEP  
recruitment, linkage, and retention for adolescents  
key population**

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# Content

- Key issues in terms of adolescents key population and HIV in Latin American context;
- What are the opportunities to conduct implementation research and priorities for adolescents key population and HIV prevention;
- Recruitment and demand creation strategies;
- Linkage and retention strategies in PrEP;
- Lessons learned.







Project PrEP 1519

## Main Goals

- To evaluate the effectiveness of PrEP use amongst adolescent MSM and TGW aged 15 to 19 for a three-year period, from 2019 to 2021, in three major Brazilian cities: Salvador, Belo Horizonte, and São Paulo.
- To help reduce the incidence of HIV amongst adolescent MSM and TGW in the three cities in Brazil

## **Outcomes to be achieved**

1. Increased accessibility of PrEP among adolescents key pops;

2. Demonstrated effective use of PrEP among adolescents key pops;

3. Evidence generated for the use of PrEP and disseminated.

## Six components:

1) Formative research;

2) strategies for recruitment, enrolment and linkage to the combination prevention strategies developed in the project;

3) combination prevention strategy for adolescents at substantial risk of acquiring HIV who do not opt for PrEP;

4) evaluation of HIVST;

5) Demonstration of PrEP effectiveness;

6) Estimation of HIV incidence from prevalence data.

Cost effectiveness study



# PrEP1519: Implementation Partners



**Northeast Region - Health Collective Institute. Federal University of Bahia**  
Representative PI: Ines Dourado

**Southeast Region - Federal University of Minas Gerais. Infectious Diseases Department**  
PI: Dirceu Greco



**Southeast Region - State University of São Paulo**  
PI: Alexandre Grangeiro

## **General inclusion criteria**

**Adolescent males reporting unprotected sexual practice with another male in the past 12 months**

**Adolescent who self-identify as TGW**

**Age  $\geq 15$  years and  $\leq 19$  years;**

**Reside, study or work in site cities of Belo Horizonte, Salvador and São Paulo;**

**Do not present any physical/mental impairment that prevents participation in the proposed activities;**



## **PLUS - adolescents MSM and TGW**

Unprotected sexual intercourse (receptive or insertive) in the past 12 months and/or recurrent episodes of STIs and / or repeated use of PEP;

Absence of HIV; absence of signs and symptoms of acute viral infection in the last 30 days preceding the entrance visit;

Absence of renal impairment (Active nephropathy);

Absence of osteopenia detected by clinical history (Pathological Fracture).

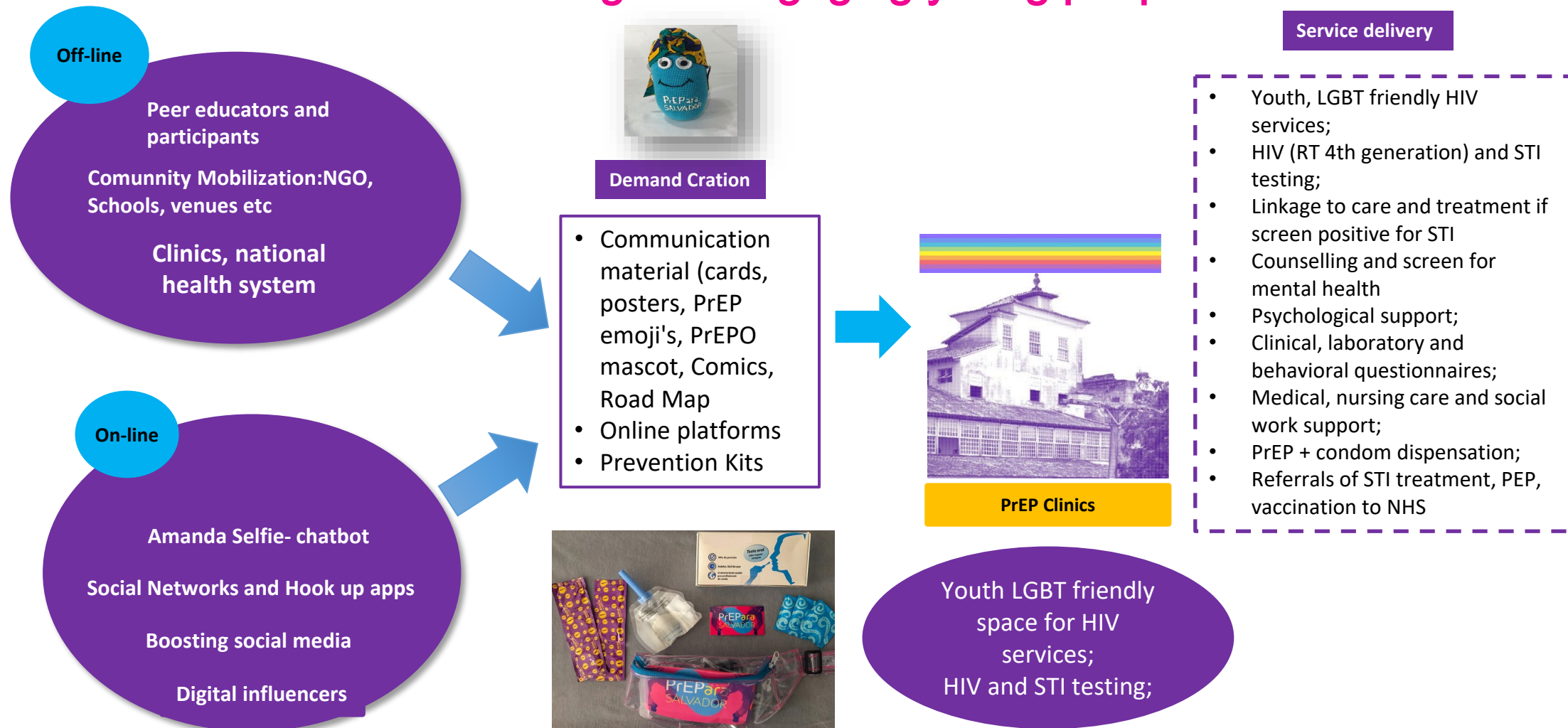
# Hard to reach or hard to engage?



- Adolescents are not easy to reach and to engage in health care, as most of them do not have a health need.
- Knowledge about PrEP was relatively low among this population in Brazil.
- Political context in Brazil: growing wave of conservatism.
- Stigma and discrimination related to sexual orientation:
  - Distress in the family support;
  - Discrimination and violence in schools;
  - Barriers to health services;
- Stigma related to PrEP:
  - Barrier of access to PrEP (stigma “by association”).

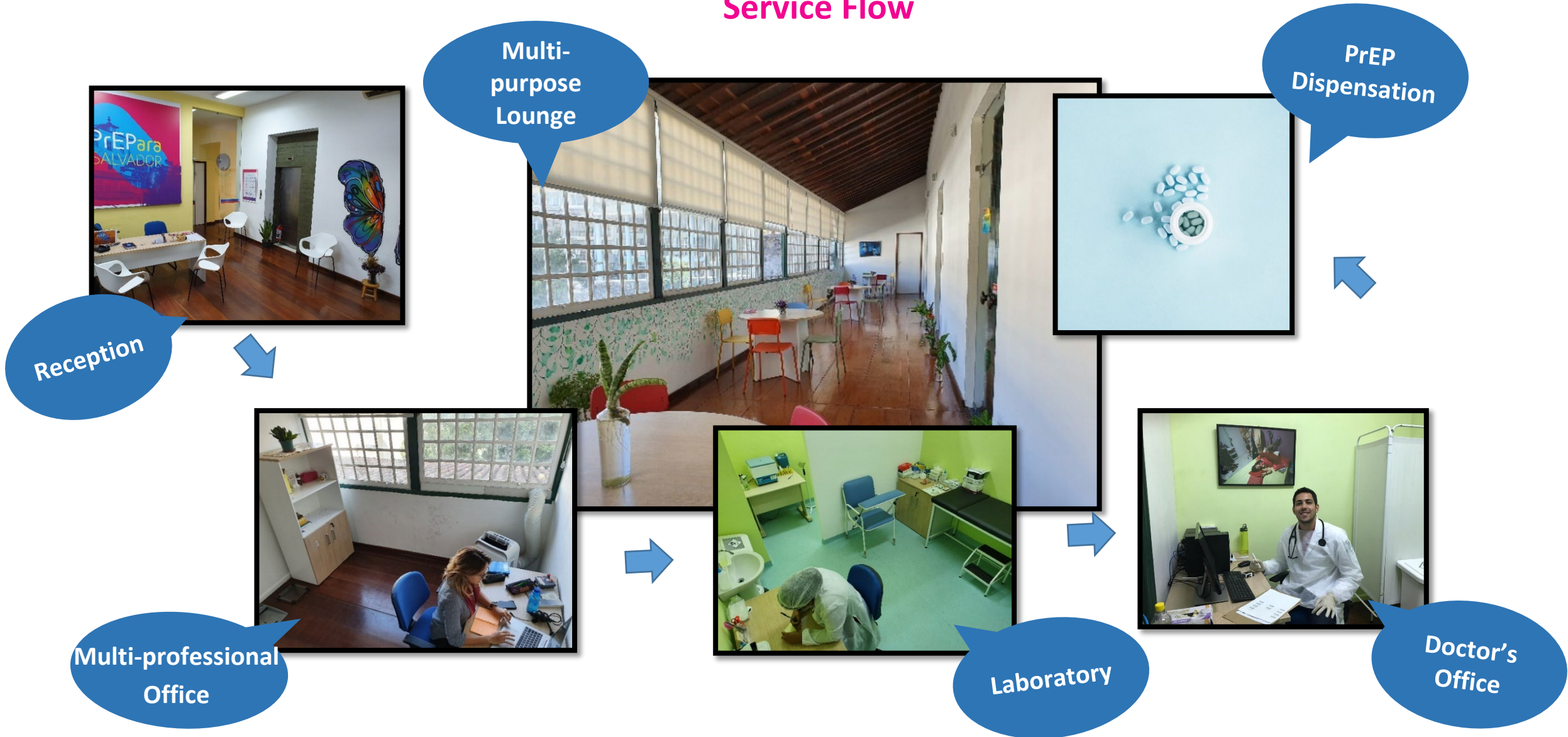
# Implementation Model: recruiting, linking and enrolling adolescents MSM and TGW to PrEP

## Reaching and engaging young people



# PrEPa Salvador- A PrEP clinic beyond the clinical care

## Service Flow







# Recruitment and demand creation strategies

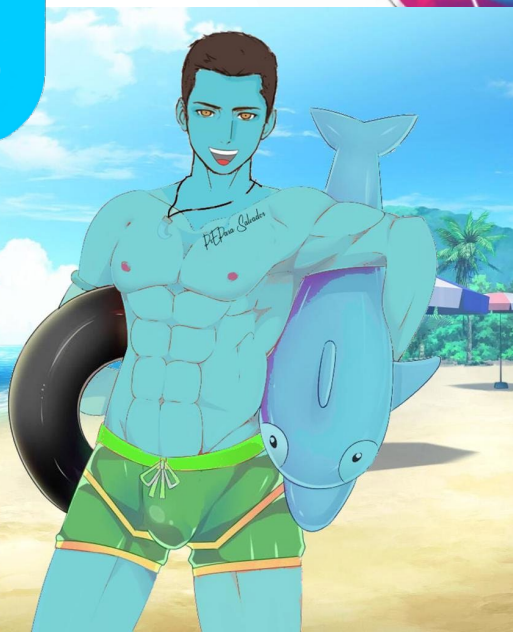




## Demand creation materials



Se você conhece ou atende alguém que faz parte do nosso público, que tenha indicação de uso e interesse na PrEP, encaminhe para gente! Nosso acolhimento funciona de segunda à sexta, das 09h às 14h.



Você, profissional de saúde



Já conhece o PrEPa Salvador?

PrEPa Salvador é um projeto que oferece prevenção ao HIV e outras ISTs para jovens homens que fazem sexo com outros homens, travestis e mulheres trans que tem entre 15 e 19 anos de Salvador e região metropolitana.



O projeto é realizado por pesquisadores da UFBA e da UNEB e tem como objetivo verificar a efetividade da Profilaxia Pré exposição ao HIV (PrEP) nesse público.

Nós oferecemos para estes jovens, além da PrEP, acompanhamento multiprofissional, aconselhamento, testagem rápida para HIV, sífilis, hepatites virais e outros insumos de prevenção ao HIV e às outras ISTs.

Tudo isso em um espaço de saúde preparado para funcionar como clínica, acolhimento e socialização. A sede do PrEPa é no Casarão da Diversidade, que fica na Rua do Tijolo nº 8, Pelourinho.



Venha, traga seu RG, CPF e seu cartão do SUS. O serviço, o medicamento e os atendimentos são gratuitos. Nós vamos amar te receber!







PrEP 1519

## PE recruitment at adolescents venues (before COVID19)



Summer: beach,  
parties, prevention  
popsicle, distribution  
of prevention items,  
HIV self-test,  
information and  
mobilization of  
young LGBTQIA+







# PrEP 1519

## Online recruitment role of PE



- Home
- Explore
- Notifications
- Messages
- Bookmarks
- Lists
- Profile
- More

**PrEP Para Salvador**  
90 Tweets

**PrEP Para Salvador**  
@SalvadorPrepara

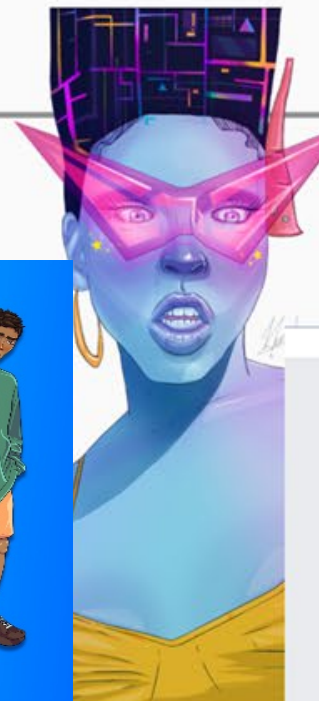
Oferecendo saúde e prevenção pra jovens LGBT+ de 15 a 19 anos #vemdeprep  
Fazemos parte do projeto PREP 15-19

Joined September 2019  
173 Following 64 Followers

[Edit profile](#)

Search Twitter

**LIVE HOJE ÀS 21H SOBRE SAÚDE MENTAL NO NOSSO FACEBOOK @AMANDASELFIE.BOT**



**Amanda Selfie**  
@amandasetfie.bot

**E AÍ BB? BORA FALAR DE SAÚDE SEXUAL?**

CHAMA NO WHATSAPP!

Enviar mensagem



**LIVE 02/10 ÀS 21H SOBRE PRODUÇÃO CULTURAL NA QUEBRADA DURANTE A PANDEMIA EM NOSSO FACEBOOK @AMANDASELFIE.BOT**



**PrEP Para Salvador #vemdeprep**

PERSONALIZAR O CANAL YOUTUBE STUDIO

VIDEOS PLAYLISTS CANAIS DISCUSSÃO SOBRE

CLASSIFICAR POR

**PrEP Para Salvador**  
#vemdeprep

**PrEP Para Salvador**  
DIA MUNDIAL DE LUTA CONTRA A AFEMINADA

**PrEP Para Salvador**  
O babado do autoteste

**PrEP Para Salvador**  
PRIMEIRO VÍDEO DO CANAL!!!

#preparaveraossa

MAIS DO YOUTUBE

- #preparaveraossa  
23 visualizações • 1 semana atrás
- PREPARA SALVADOR DIA MUNDIAL DE LUTA CONTRA A AFEMINADA  
45 visualizações • 1 mês atrás
- As afeminadas!!  
51 visualizações • 2 meses atrás
- O babado do autoteste!!!  
85 visualizações • 2 meses atrás
- Primeiro vídeo do canal!!! #VEMGENTCHY!!!  
63 visualizações • 2 meses atrás

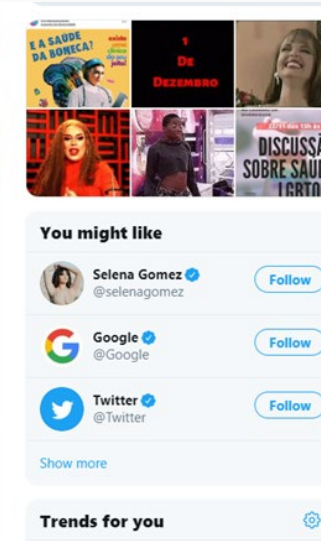
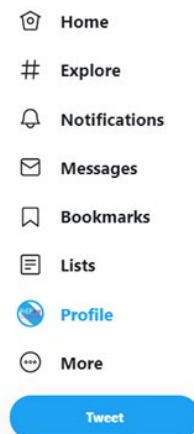
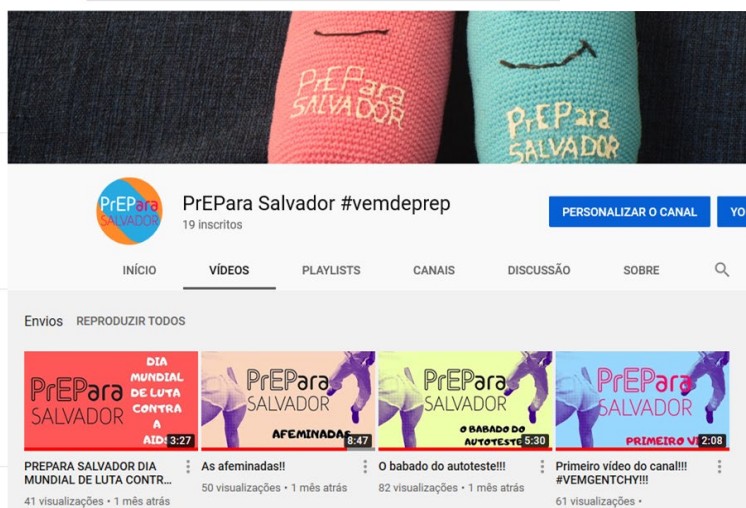
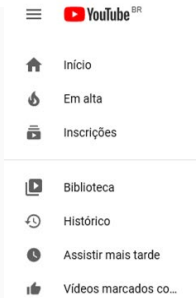
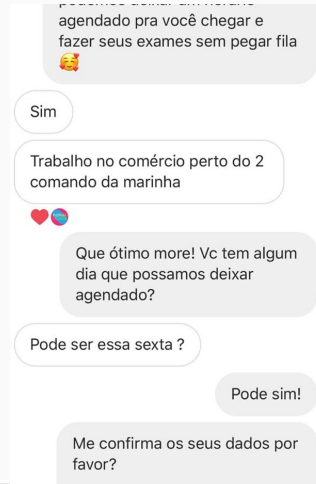




# PrEP 1519



## Online Mobilization





# PrEP 1519



## Boosted Instagram Posts

The most popular social network among adolescents



Informações da promoção	
Acessar o site	255
0% da promoção mais recente	
Acessar perfil	290
7% da promoção mais recente	
Como chegar	18
0% da promoção mais recente	
<b>Descoberta</b>	
27.514	
Pessoas alcançadas	
96% não estavam seguindo você	
19% vieram da sua promoção atual	
Impressões	75.318
7% da promoção mais recente	
Seguidores	28
<b>Promoção</b>	
28 dias	
Tempo decorrido da promoção	

**PrEP**  
SALVADOR

### Distribuição de Kit de prevenção

Você está sendo convidada/o a participar da Pesquisa PrEP1519, que tem como objetivo demonstrar a efetividade da Profilaxia Pré-Exposição ao HIV (PrEP) e contribuir para a diminuição do HIV entre homens gays, bissexuais e mulheres trans, de 15 a 19 anos, em Salvador, Belo Horizonte e São Paulo. Este estudo oferta diferentes estratégias de prevenção ao HIV como a PrEP, autoteste para o HIV, preservativos, lubrificantes, testagens rápidas para HIV, sífilis e hepatites virais, testes diagnósticos para estas e outras Infecções Sexualmente Transmissíveis (IST), além de contar com uma equipe multiprofissional qualificada - médico, enfermeira, psicólogo, assistente



Ficha de Recrutamento\_NOVO\_Cc

Perguntas Respostas 210

210 respostas

Aceitando respostas

Resumo Pergunta Individual

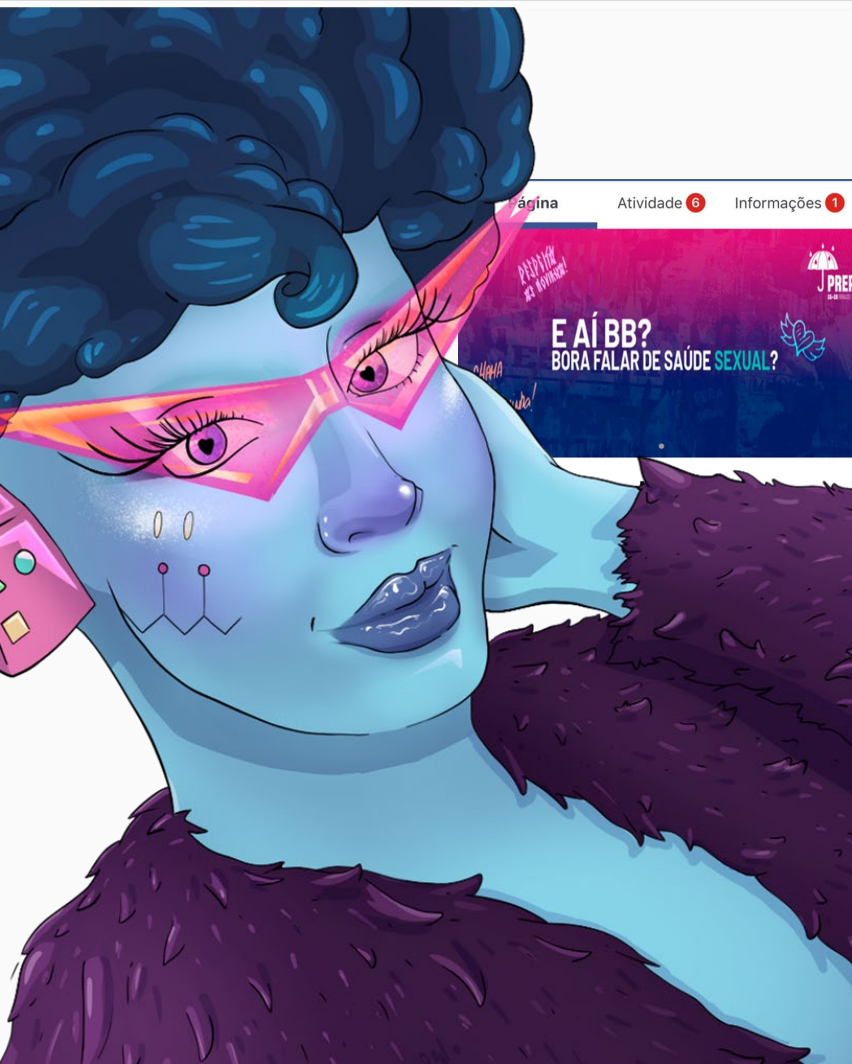




# PrEP 1519




## Amanda Online chatbot assistant



**Amanda Selfie**  
Geralmente responde na hora

Ola bom dia!

Eu posso conversar sobre qualquer coisa, bonita, só me perguntar, vamo falar de q??



PrEP

A PrEP é um medicamento combinado em pílula q diminui a chance de infecção pelo HIV mesmo ã usando camisinha. Não funciona pra outras ISTs. Alguns efeitos colaterais: dor de kbça, náusea, fadiga e peido, mas ã são frequentes e normalmente rola só no começo.

No brasil, PrEP é oferecida

**Amanda Selfie**  
Geralmente responde na hora

Vamos lá

Adoron!!

Qual cidade vc mora?

Salvador e RMS

Barril dobrado! Vc mora na terra do axé!

Me diz tua idade? Não mente ein trukera! rs

Simm

32

Formato inválido, digite só um número, exemplo 24

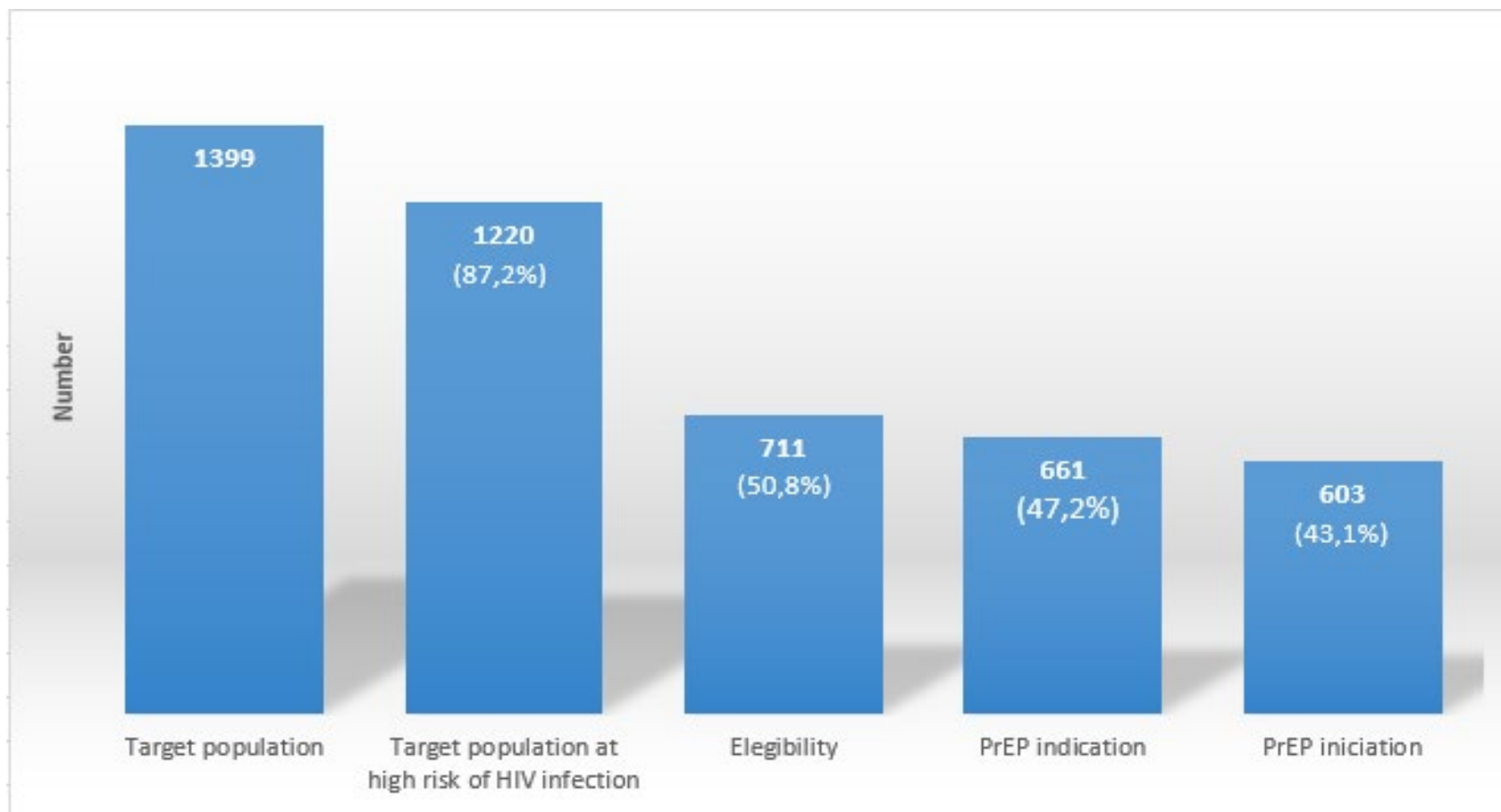
Adorei te conhecer! Tá afim de fazer um QUIZ pra saber Q DIVA VC É NA SARRAÇÃO? Ou qr conversar?

Toque duas vezes para reagir

Quiz Conversar



PrEP care continuum for adolescent MSM and TGW in the PrEP15 study. March/2019 – October 20/2020.

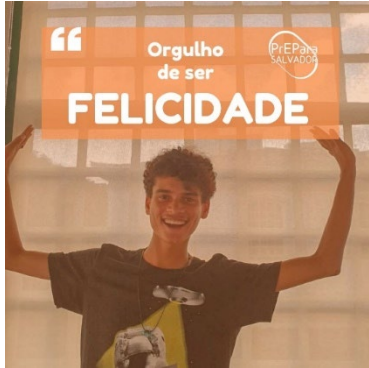






# Linkage and retention strategies in PrEP

Pride to be happy



Gay adolescent – peer educator

# Linkage and retention strategies in PrEP



- ❖ Constant monitoring of the care of participants in the PrEP and non-PrEP arms, with periodic meetings and case discussions;
- ❖ Peer navigation in caring for the use of PrEP: monitoring, assistance in care and "bridge" with health professionals;
- ❖ Importance of a friendly LGBT space and team;
- ❖ Take into account the social determinants of health (poverty, inequality, education, etc.);
- ❖ Work in partnership with the judicial system: periodic reports and discussion with this sector on the <18 years old adolescents included in the Project;
- ❖ Facilitated access to prevention inputs such as self-testing, condoms, lubricants etc;
- ❖ Reimbursement for transportation and food for participation.

Pride to be fight



Transgender man - navigator care

Pride to be LOVE



Transgender man – navigator care

Pride to be hope



Transgender woman adolescent – peer educator

Pride to be joy



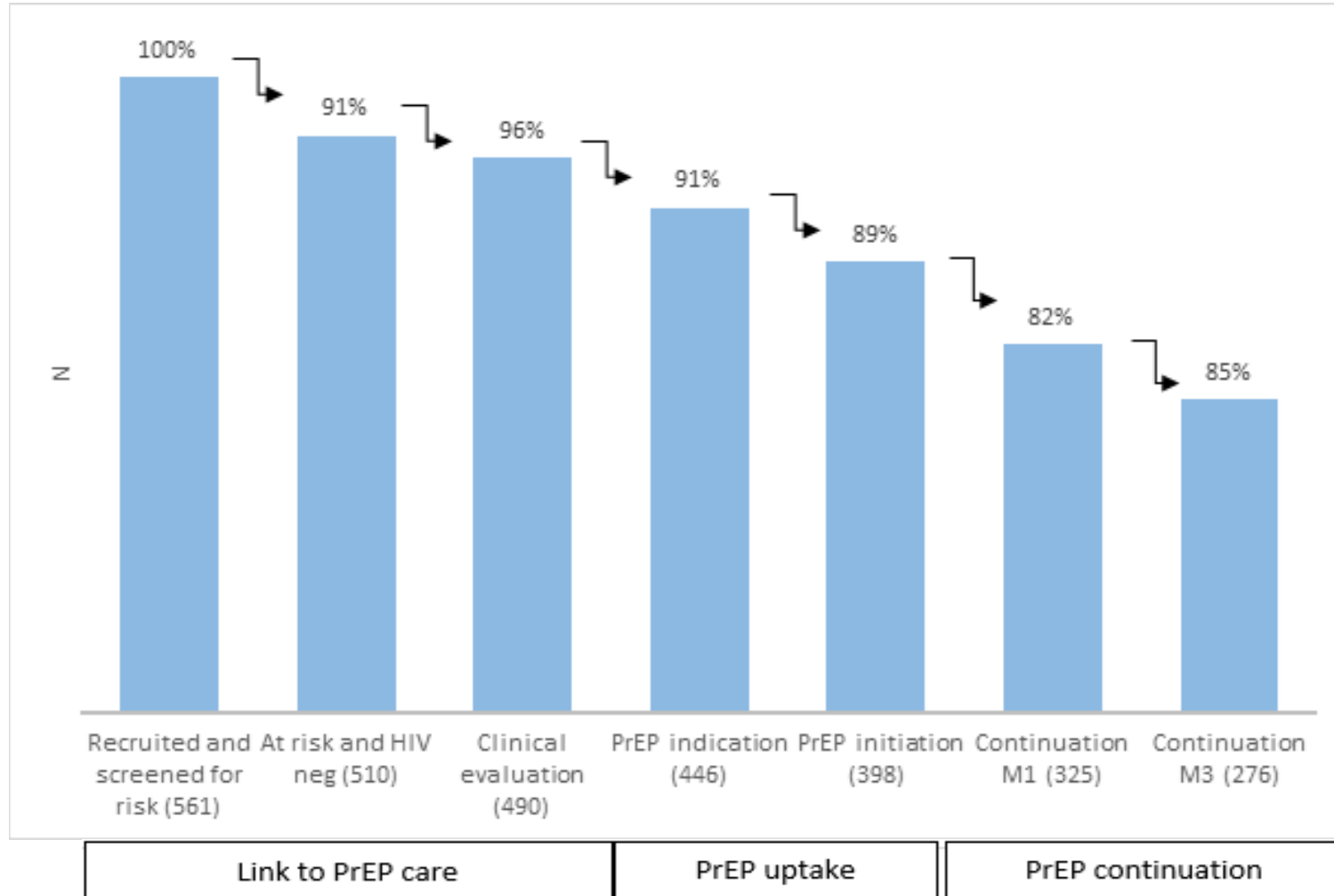
Bisexual nurse

Pride to be affection



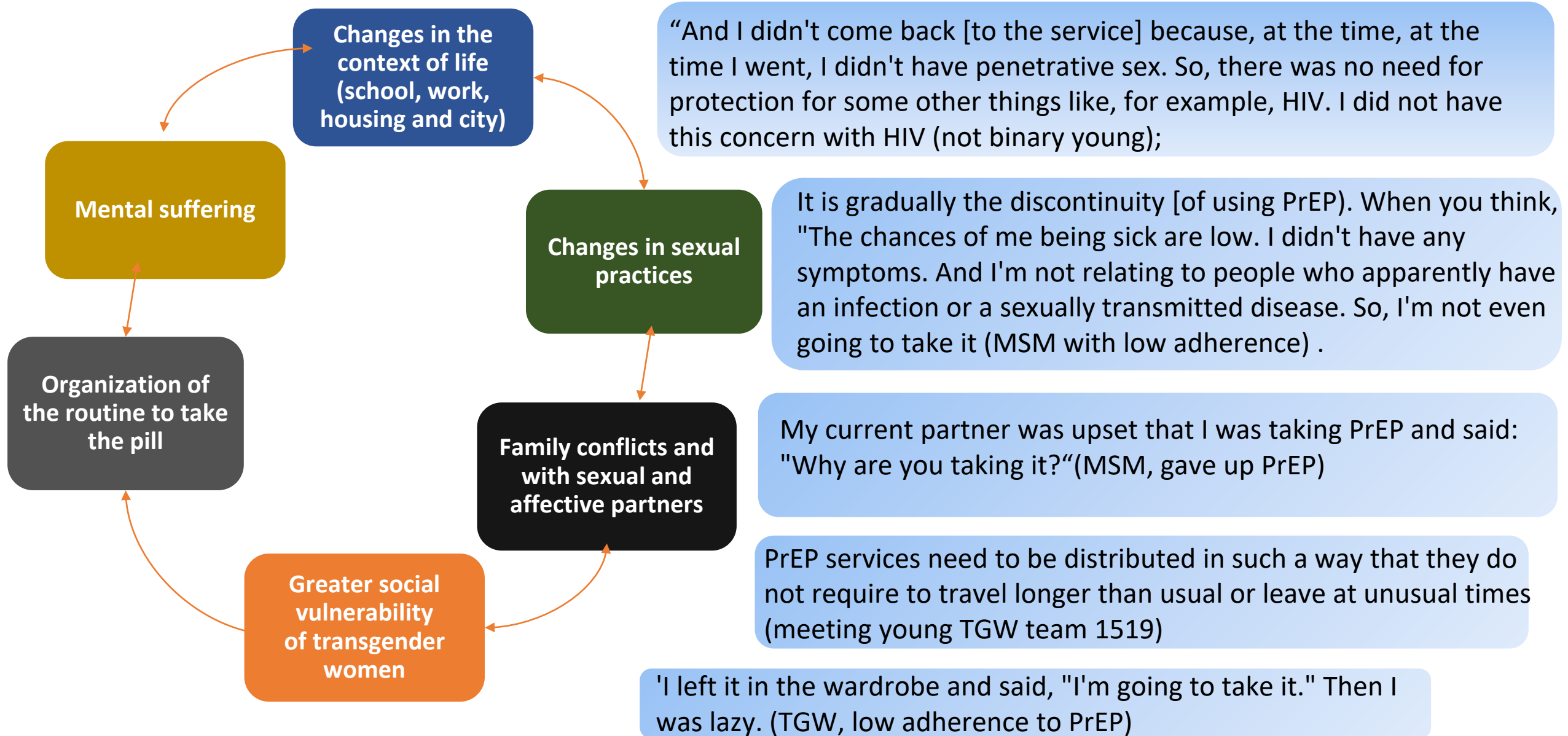
Gay psychologist

PrEP care continuum for adolescent MSM and TGW  
Up to 3 follow up within the PrEP1519 study. April 2019- May 2020.



DOURADO, I. et al. *PrEP initiation and continuation among adolescent key population in Brazil: a cascade analysis*. R4P Virtual Conference, January/2021.

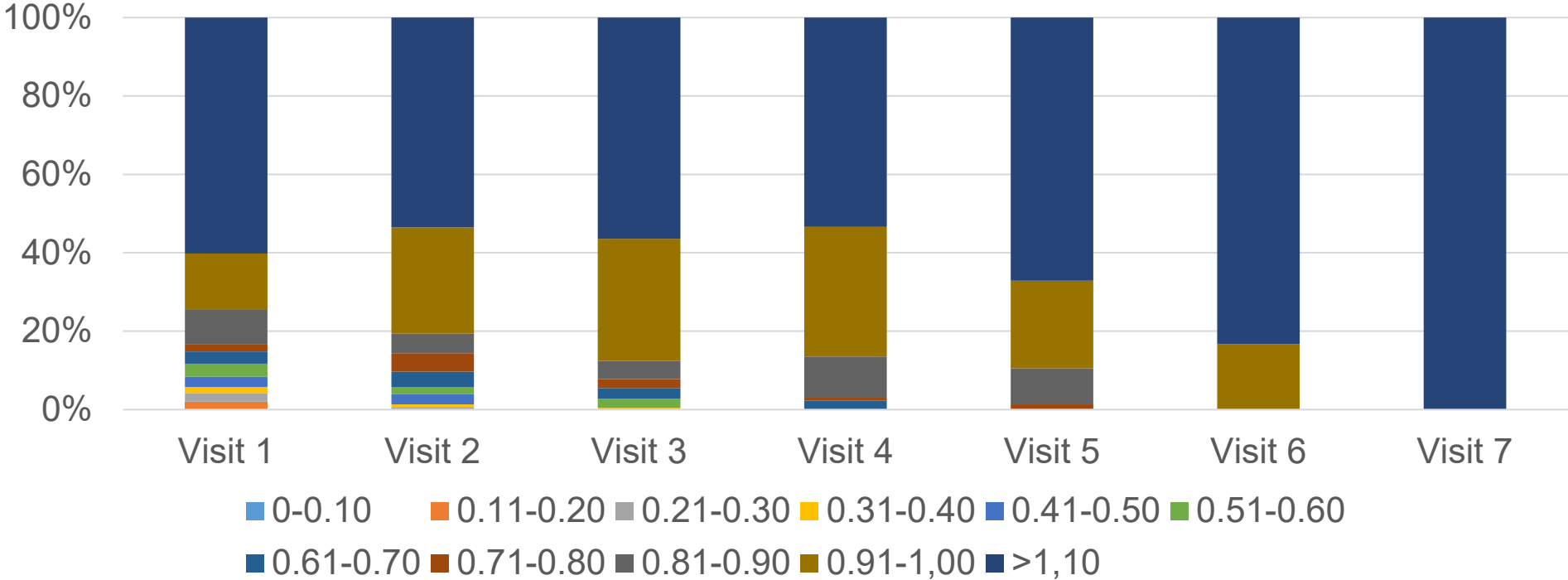
# Barriers and challenges to linkage and retention in PrEP





# Adherence is high and increases over time

## Adherence to PrEP by medication possession ratio (MPR)



MPR= sum of the no of days' with pill possession in a time period, divided by the number of days in the time period.

MPR=> 1.10 – participants came to the appointment and had PrEP dispensation before finishing last bottle

MPR= 0.91-1.00 participants came to the appointment and had PrEP dispensation when the pills finished



- ❖ The expansion of PrEP to the MSM and TGW population aged 15-19 years requires community mobilization, innovative strategies for creating demand, attracting and recruiting.
- ❖ Speaking the language of adolescents and returning them to work teams is a fundamental element;
- ❖ Virtual strategies are able to recruit mostly MSM, young people with higher economic status and education (perhaps due to the availability of equipment), with a high perception of risk and who previously accept PrEP;
- ❖ Reference of health services is the most responsible for recruiting people with low economic status and with less education;
- ❖ Interprofessional and interdisciplinary work (qualitative and quantitative views), with periodic monitoring of activities is essential for the work process with combined prevention;
- ❖ LGBT friendly staff and space bring teenagers closer to combined care and prevention;
- ❖ Adolescents are dynamic and fluid and, therefore, we must continually adapt to this reality of life.

## Salvador team

- Inês Dourado
- Laio Magno
- Luís Augusto V. da Silva
- Marcelo Castelhanos
- Marcos Pereira
- Fabiane Soares
- Priscilla Caires
- Filipe Mateus Duarte
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- Thais Fonseca
- Fabiane Fernandes
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- Mariângela Carneiro
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