



6 – 10 October · Lima, Peru and virtual

[hivr4p.org](http://hivr4p.org)

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**Differentiated PEP and PrEP – reaching more people with HIV prevention services using DSD**

# Expanding options and reach - online PEP and PrEP in Brazil



 **HIVR4P** 2024

# Conflict of interest

I, ADRIANO QUEIROZ DA SILVA, do not have a conflict of interest.

# Background



PrEP was formally adopted as a public health policy in Brazil in 2018, including its implementation in the city of São Paulo



Access to prophylaxis, as well as antiretroviral therapy (ART), is facilitated through the Brazilian Unified Health System (SUS)



Currently, PrEP is only available in oral tablet form



While the Brazilian Health Regulatory Agency has approved the use of bi-monthly injectable Cabotegravir, its availability within the public healthcare network is still pending



Ongoing clinical trials are investigating the use of injectable Lenacapavir

# 7th CONSECUTIVE YEAR OF HIV INCIDENCE DECLINE

↓ **54,6%**

In the comparison between the year  
2023 and the year 2016.

22% reduction was  
observed between  
2022 and 2023.

The largest decline ever  
recorded in the capital



**HIVR4P** 2024

**57%** reduction in  
new HIV cases  
among young  
people aged 15  
to 29

Between 2016 and 2022.

More than

**50,000**

PrEP registrations in  
the city of São Paulo

**PEP**

More than

**136,000**

dispensation since 2018

# What is SPrEP?



*SPrEP – PrEP and PEP online is:*

- a channel within the **e-saúdeSP** application, managed by the Municipal Health Department of São Paulo
- operates every day, including holidays and weekends, from 6 P.M. to 10 P.M., through teleconsultations
- offers the initiation and continuation of pre-exposure prophylaxis (PrEP) and post-exposure prophylaxis (PEP) for HIV



# Organizational structure



**Team:** 3 physicians



**Remote and decentralized work**



**Platform hosted in its own application**

There **are four options** for consultation requests in the app:



**I want PrEP**



**I want a PrEP follow-up**



**I want PEP**



**I have questions**

# How does it work?



	<b>PrEP</b>	
	<b>1 - "I want PrEP" &amp; 2 - "I want PrEP follow-up"</b>	
	<b>Teleconsultation</b>	<b>PrEP collection</b>
<b>WHEN</b>	Every day, including holidays and weekends, from 6 P.M. to 10 P.M	During opening hours OR 24-hours a day from the 24-hour units
<b>WHERE</b>	Online, via teleconsultation	At the Prevention Station Jorge Beloqui, one of the 24-hour units, the conventional units, the City's CTA, a dispensing machine
<b>WHO</b>	Physicians	Pharmacists, nurses, dentists, or physicians Client
<b>WHAT</b>	Image of HIV-negative result within the last 7-days or a self-test image  Appointment request is generated and the user is video called within a few minutes  Medical advice and prescription, QR code generated	30-day PrEP supply (for 1 I want PrEP) or 30-, 60-, 90-, or 12—day PrEP supply (for 2 – I want PrEP follow-up)

# How does it work?



	<b>PEP</b>	
	<b>3- "I want PEP"</b>	
	<b>Teleconsultation</b>	<b>PEP collection</b>
<b>WHEN</b>	Every day, including holidays and weekends, from 6 P.M. to 10 P.M	During opening hours OR 24-hours a day from the 24-hour units
<b>WHERE</b>	Online, via teleconsultation	At the Prevention Station Jorge Beloqui, one of the 24-hour units, the conventional units, the City's CTA, a dispensing machine
<b>WHO</b>	Physicians	Pharmacists, nurses, dentists, or physicians Client
<b>WHAT</b>	No test results needed Appointment request is generated and the user is video called within a few minutes Medical advice and prescription, QR code generated	PEP medication



# The WHERE for PrEP and PEP collection



At the  
**Prevention  
Station Jorge  
Beloqui**

From Tuesday to  
Saturday  
5 PM to 11 PM



At one of the  
**24-hour  
units** as  
indicated

Everyday  
24 hours



One of the  
**conventional  
units** of the  
specialized  
network

From Monday to Friday  
7 AM to 7 PM



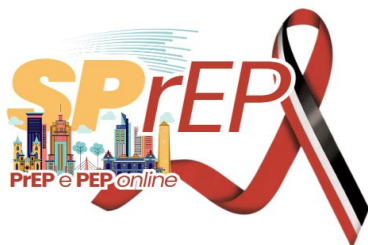
At the **City's  
CTA**

From Thursday to  
Saturday  
5 PM to 10 PM



Or collect from  
one of the  
**Dispensing  
machines**

Everyday  
4:40 AM to 12PM



# SPrEP

(from June 2023 to September 2024)



955

PEP

52%

prefer to have the  
medication dispensed  
at 24-hour units.

1,129

PrEP

571

follow-up  
consultations

more than  
**2 MILLION**  
ACCESSES

# SPrEP

(from June 2023 to September 2024)



**HIVR4P 2024**

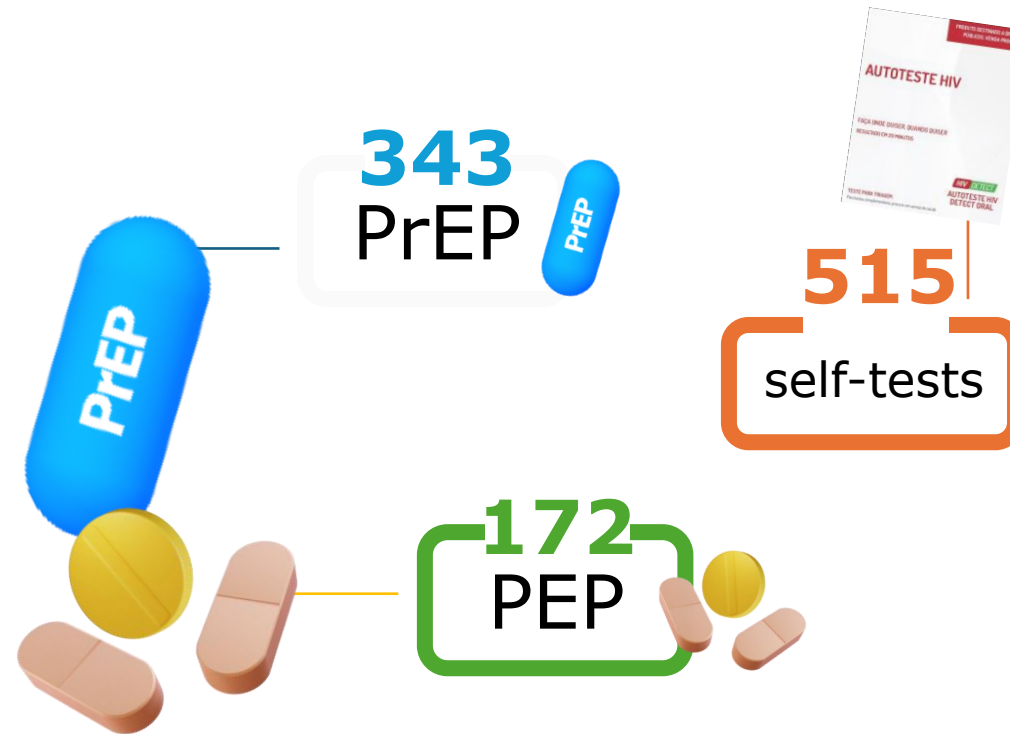
	1 - PrEP initiation	3 - PEP	2- Follow-up	TOTAL
	N (%)	N (%)	N (%)	N (%)
<b>Gender identity</b>				
Cis men	958 (84.9)	685 (71.7)	457 (80.0)	2100 (79.1)
Trans men	2 (0.2)	2 (0.2)	1 (0.2)	5 (0.2)
Cis women	7 (0.6)	104 (10.9)	28 (4.9)	139 (5.2)
Trans women	2 (0.2)	2 (0.2)	1 (0.2)	5 (0.2)
Non-binary	6 (0.5)	3 (0.3)	2 (0.4)	11 (0.4)
Travesti	1 (0.1)	1 (0.1)	2 (0.4)	4 (0.2)
Missing	153 (13.6)	158 (16.5)	80 (14.0)	391 (14.7)
<b>Face/color</b>				
Yellow	29 (2.6)	14 (1.5)	18 (3.2)	61 (2.3)
White	705 (62.4)	564 (59.2)	341 (59.7)	1610 (60.7)
Indigenous	2 (0.2)	0 (0)	0 (0)	2 (0.1)
Pardo	247 (21.9)	193 (20.3)	136 (23.8)	576 (21.7)
Black	92 (8.1)	98 (10.3)	45 (7.9)	235 (8.9)
Missing	54 (4.8)	84 (8.8)	31 (5.4)	169 (6.4)
<b>Age</b>				
<18	3 (0.3)	6 (0.6)	1 (0.2)	10 (0.4)
18-24	124 (11.0)	202 (21.2)	92 (16.1)	418 (15.7)
25-29	311 (27.5)	288 (30.2)	160 (28.0)	759 (28.6)
30-34	331 (29.3)	211 (22.1)	138 (24.2)	680 (25.6)
35-39	188 (16.7)	112 (11.7)	84 (14.7)	384 (14.5)
40-44	118 (10.5)	73 (7.6)	52 (9.1)	243 (9.2)
45-49	26 (2.3)	44 (4.6)	14 (2.5)	84 (3.2)
>50	28 (2.5)	19 (2.0)	30 (5.3)	77 (2.9)

- Of those initiating PrEP, 85% were cis men compared to 72% of those accessing PEP.
- Overall, 61% of those accessing services through SPrEP were White, 22% were Pardo and 9% were Black.
- More than half (52%) of those access PEP were <30 years of age. Among those accessing PrEP initiation or follow-up, 39% and 44% were <30 years of age, respectively.
- In addition, 73% of support for women are for the prescription of PEP.

# Automated machines



More than **500**  
Withdrawals in 3 months



# Key takeaways



- PrEP has been essential in reducing new HIV cases in the city of São Paulo
- Different strategies for offering prophylaxis enable greater access to HIV prevention
- More vulnerable populations tend to benefit from diversified access strategies to PrEP and PEP
- Services that extend operating hours reduce access barriers
- Online services facilitate access and, in São Paulo, enable quick retrieval in a greater number of health units
- The city of São Paulo allows for PrEP retrieval 24 hours a day, 7 days a week

# Next steps



Expansion of PrEP and PEP dispensing locals



Participation in studies to make injectable PrEP available in the city of São Paulo



Participate in studies for the provision of DoxyPEP



Increase the number of machines for retrieving PrEP and PEP



Assess the possibility of integration with other applications, especially for use by more vulnerable populations

# Thank you!

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