HIV self-testing for PrEP

A history and the future to come

Global HIV, Hepatitis and STIs Programmes WHO, Geneva, Switzerland

Dr Cheryl Johnson on behalf of WHO PrEP & HTS Teams



Outline

Self-testing 101

Public health problem – need to increase access to PrEP

WHO guidance and country experiences

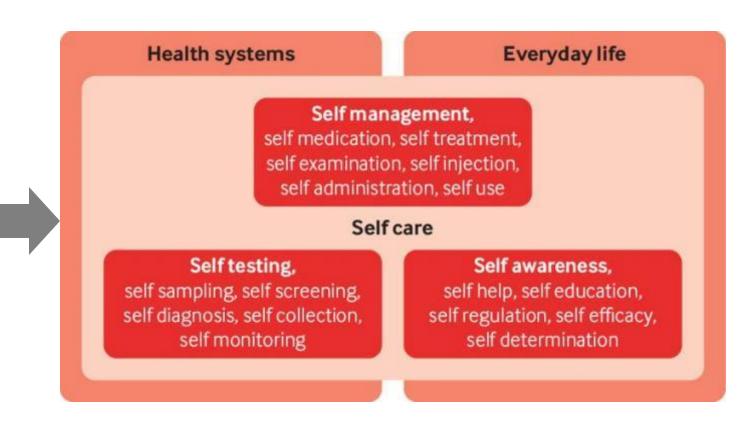
Future directions and way forward



Self-care and self-testing

Self-care

The ability of individuals to promote health, prevent disease, maintain health, and cope with illness and disability with or without support of a healthcare provider.



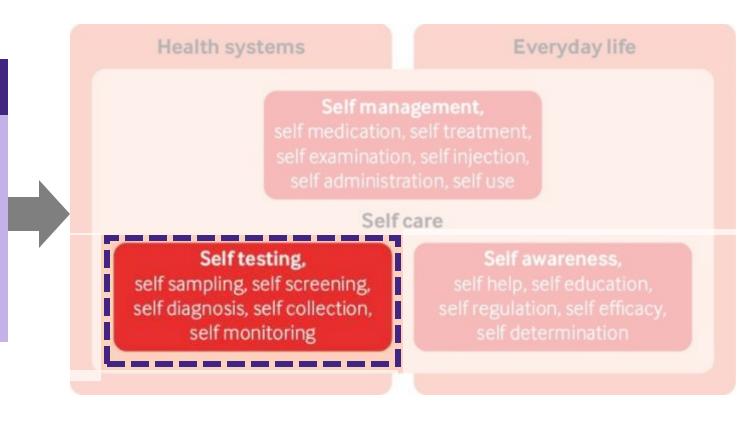


Source: WHO, 2019, https://www.who.int/reproductivehealth/self-care-interventions/access-health-services/en/

Self-care and self-testing

Self-care

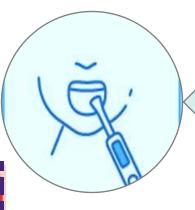
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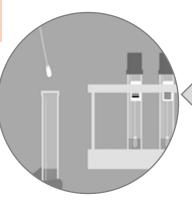
Self-testing vs Self-sampling



Self-testing

 Individuals collect their specimen, performs the test, and interprets result alone and in private or with someone they trust.

Self testing, self sampling, self screening, self diagnosis, self collection, self monitoring



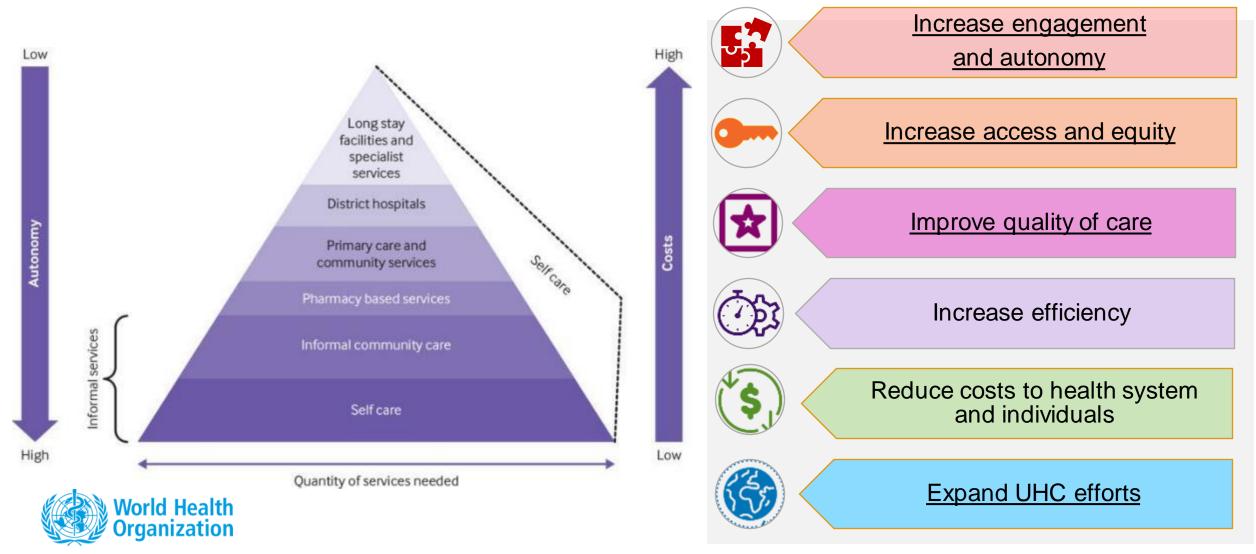
Self-sampling

- Individuals collect specimen which is then sent to a lab.
- The lab conducts test and interprets result and then returns the information to the individual.



Source: WHO, 2019

Self-care and self-testing: critical to health system



Self-testing framework

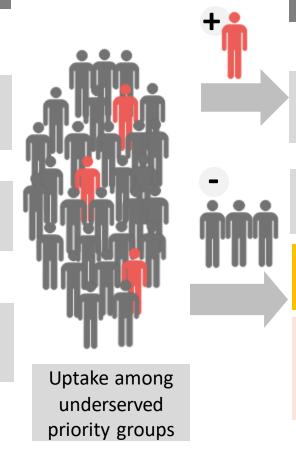




Demand generation

> Support package

Accessible & affordable



DIRECT ACTION

Link to treatment

Disclosure/Shared knowledge of status

Link to Prevention

Triaged out of Health System

DIRECTIMPACT

Social & Economic

Population Productivity & Growth

ADDITIONAL IMPACT

Social Benefit Social Harm

Health: Reduced Morbidity & Mortality

Reduced Transmission & Infections Averted

Cost and Time Savings (Health System & Users)

Health Systems

Efficiency

Expanded Coverage

Equity of Health

*Adapted framework based on BMGF & UNITAID HIVST Meeting in January 2017

> **DIFFERENT POPULATIONS**

DIFFERENT CONTEXTS

Re-link

to Tx

DIFFERENT GEOGRAPHIES

WHO recommendations on self-testing

WHO
recommends
HIVST as
additional
approach & 1st
product PQed



HIVST recommended to maintain essential health services during C19 pandemic WHO recommends HCVST as additional approach, PQ TSS & Global Fund ERPD launch

WHO recommends GC/CT self-collection







2016/17

2019

2020/21

2022

2023/24



WHO self-care guidance including recommends self-collection for HPV, syphilis & trichomonas

Update on HIVST, 4 PQ products, ~7 million procured





WHO recommends COVID-19 self-testing; plus new implementation guidance on HIVST for PrEP delivery & ST in pregnancy

WHO guidance on self-testing for syphilis & dual HIV/syphilis in development
HIVST procurement >10 million, 98
national policies, > 92 countries with

registration

Access to ST remains challenge important

to re-double efforts

WHO recommends HIVST for PrEP* initiation, re-initiation and continuation

CAB-LA implementation projects exploring the use of self-testing

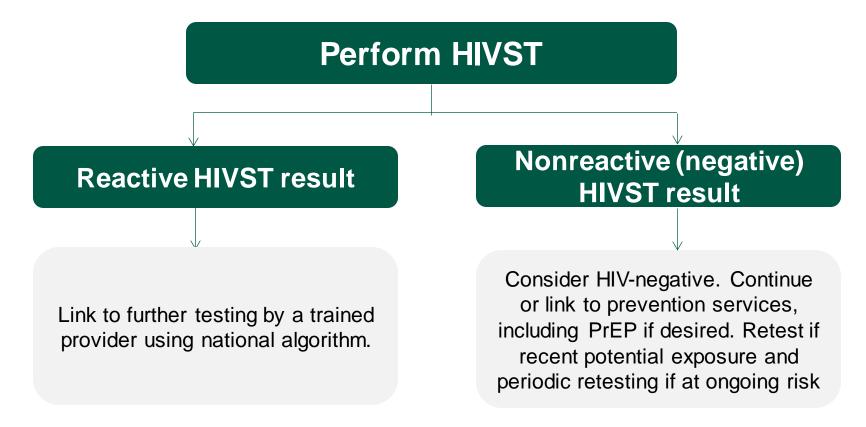
WHO recommends HIVST in facilities

WHO recommends syphilis self-testing including HIV/syphilis dual self-tests



*WHO PrEP guidance covers oral PrEP and DVR and can also be applied to PEP.

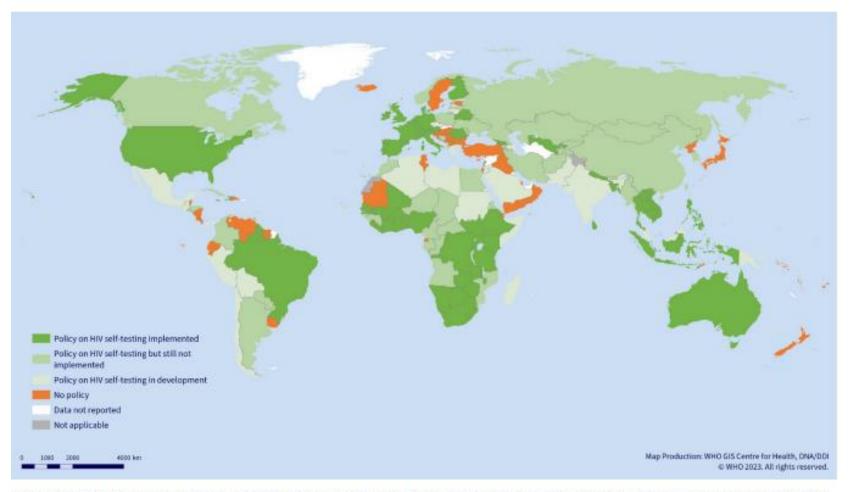
WHO HIVST for PrEP recommendation

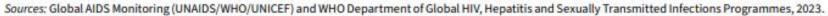


No further testing needed after a negative self-test to initiate, re-initiate or continue PrEP.



HIVST policy uptake across countries, as of July 2023







Self-testing evidence, implementation and policy scale-up





WHO HIVST evidence reviews



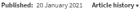
5 RCTs - KP & GP 25 studies on accuracy



A systematic review and network meta-analyses to assess the effectiveness of HIV self-testing distribution strategies 3

Ingrid Eshun-Wilson 🗷 , Muhammad S Jamil, Witzel T. Charles, Dave V Glidden, Johnson Cheryl, Trouneau Noelle, Nathan Ford, Kathleen McGee, Kemp Chris, Baral Stefan, Sheree Schwartz, Geng H Elvin

Clinical Infectious Diseases, ciab029, https://doi.org/10.1093/cid/ciab029







■ Split View 66 Cite Permissions < Share ▼

We conducted a systematic review and network meta-analysis to identify which HIV self-testing (HIVST) distribution strategies are most effective.

We abstracted data from randomized controlled trials and observational studies published between June 4, 2006 and June 4, 2019.

We included 33 studies, yielding six HIVST distribution strategies. All distribution strategies increased testing uptake compared to standard testing: in sub-Saharan Africa, partner HIVST distribution ranked highest (78% probability); in North America, Asia and the Pacific regions, web-based distribution ranked highest (93% probability), and facility based distribution ranked second in all settings. Across HIVST distribution strategies HIV positivity and linkage was similar to standard testing.

BMC Medicine

Comparing the effects of HIV self-testing to standard HIV testing for key populations: a systematic review and meta-analysis

T. Charles Witzel[®] Ingrid Ethun-Wikon², Muhammad S. Jamil², Nertsa Tilouche¹, Carmen Rigueroa². Cheryl C. Johnson³, David Reid¹, Rachel Baggaley³, Nandi Siegfried⁴, Fiona M. Burns⁵, Alson J. Rodger⁵ and

ommendations. We compared the effects of HIVST to standard HIV testing services to understand which service delivery models are effective for key populations.

Methods: We did a systematic review of randomised controlled trials (RCTS) which compared HVST to standard HIV testing in key populations published from 1 January 2006 to 4 June 2019 in PubMed Embase, Global Inde Medicus, Social Policy and Practice, PsycNPO, Health Management Information Consortium, BBSCO CINA H. Plus Gochane Library and Web of Science We extracted study characteristic and outcome data and conducted risk has assessments using the Cochrane ROR tool version 1. Random effects meta-analyses were conducted, and pooled effect estimates were assessed along with other evidence characteristics to determine the overall streng

Results: After smeaning 5900 titles and abstracts we identified 10 BCTs which reported on testing outcomes. The uded 9679 participants, of whom 5486 were men who have sex with men (MSM), 72 were trans people and I were fermale sex workers. Service delivery models included facility-based, orline/mail and peer distribution Support components were highly diverse and ranged from helplines to training and supervision. HWST increase exting uptake by 1.45 times (RR= 145 95% CI 1.20, 1.75). For MSM and small numbers of trans people, HWST isoning liquiduo (y rice times previous service List), List, har receive and intermination to list as people, remove increased the mean number of HV lists by 2.56 over followy phosin difference 3-55, 69% CI 1.24, 3.8%. These was no difference between HVET and Sc Cir. in graph to postibility among issend overall (R= 0.9, 69% CI 0.23, 1.5); in sendably, analysis of postibility among candomised HVET identified significantly more HV inhabitions among MS and transpappin (RR= 2.21, 69% CI 1.04, 4.88) and in orkine/heal distribution systems (RR= 2.21, 99% CI 1.14, 4.33). and crain people (Mr. 4.2.); Whi C. L. (4.18) and in orientation destination against (Mr. 4.2.); Whi C. L. (4.18) and in orientation destination of Science (Mr. 4.2.); Which C. (4.18) and C. (4.18) are consistent for SW as one of segrificantly of Service (Mr. 4.00.); Impacts on ST to string were mixed two RCTs showed no decreases in ST to string white one showed degitificantly lower ST to string were mixed two RCTs where on decreases in ST to string white one showed degitificantly lower ST to string in the incare endo a man. There were no negative impacts on continuous (RF = 0.05; 9.96; 0.08), and social harm was very rare.



Examining the effects of HIV self-testing compared to standard HIV testing services in the general population: A systematic review and Muhammad S. Jamil^a*, Ingrid Eshun-Wilson^a, T. Charles Witzel^{*}, Nandi Siegfried^a, Carmen Figueroa^{*}, Lastone Chitembo^a, Busisiwe Msimanga-Radebe^a, Muhammad S. Pasha^a, Karin Hatzold^b, Elizabeth Corbett¹¹, Magdalena Barr-DiChiara¹, Alison I, Rodger^b, Peter Weatherburn", Elvin Geng", Rachel Baggaley", Cheryl Johnso ARTICLE INFO

Linkage to Care and Prevention after HIV Self-Testing: A

174 studies

3 RCT & 5 V&P Modelling analysis

33 studies (RCTs and cohorts)

11 RCTs – Key Populations

Johnson 2017 JIAS: https://pubmed.ncbi.nlm.nih.gov/28530049/ Figueroa 2018 Lancet HIV:

https://pubmed.ncbi.nlm.nih.gov/29703707/

Witzel 2020 BMC Med:

https://bmcmedicine.biomedcentral.com/articles/10.1186/s12916-020-01835-z#Sec18

Eshun-Wilson 2021 CID: https://academic.oup.com/cid/advancearticle/doi/10.1093/cid/ciab029/6104544

on linkage

Jamil 2021 Eclin Med

14 RCTs – General Population

https://www.thelancet.com/journals/eclinm/article/PIJS2589-

5370(21)00271-6/fulltext

Zhang 2024 Pre-print: https://tinyurl.com/4vtyd6dm

Kiptinness 2022 Curr HIV/AIDS Rep:

https://pubmed.ncbi.nlm.nih.gov/35904695/

Cox 2024 Lancet HIV: https://pubmed.ncbi.nlm.nih.gov/38301668/





WHO HIVST evidence reviews

HIVST increased uptake and frequency of testing, positivity, no harm

HIVST safe, accurate & reliable using blood and oral RDTs

5 RCTs - KP & GP 25 studies on accuracy

A systematic review and network meta-analyses to assess the effectiveness of HIV self-testing distribution strategies 3

Ingrid Eshun-Wilson ™, Muhammad S Jamil, Witzel T. Charles, Dave V Glidden, Johnson Cheryl, Trouneau Noelle, Nathan Ford, Kathleen McGee, Kemp Chris, Baral Stefan, Sheree Schwartz, Geng H Elvin

Clinical Infectious Diseases, ciab029, https://doi.org/10.1093/cid/ciab029 Published: 20 January 2021 Article history v

Facility-based HIVST distribution performed well in all settings. For SSA, partner distribution had substantial impact. In Americas and Asia. web-based & mail worked particularly well. Acceptable, feasible, no harm.

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Among KP, HIVST >2x HTS uptake, frequency and positivity, no harm

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174 studies on linkage

Linkage to confirmatory testing and ART post-HIVST is generally high,

particularly with assisted

HIVST and SNA

Linkage to Care and Prevention after HIV Systematic Review and Meta-Analysis

> 3 RCT & 5 V&P Modelling analysis

HIVST comparable effects

on effective PrEP use.

acceptable, feasible and

prefened, compared to

HTS

HIVST-supported PrEP

has low risk of drug

resistance, similar health

effects and costs

compared to HTS

14 RCTs – General Population

EClinical Medicine

HIVST increased HTS uptake &

achieved comparable linkage

and # diagnoses in SSA, no

harm.

Examining the effects of HIV self-testing compared to standard HIV

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Muhammad S, Jamil^{a-*}, Ingrid Eshun-Wilson¹, T. Charles Witzel^{*}, Nandi Siegfried⁴, Carmen Figueroa^{*}, Lastone Chitembo^{*}, Busisiwe Msimanga-Radebe^{*}, Muhammad S. Pasha^{*}, Karin Hatzold^{*}, Elizabeth Crobett^{*}, Magdalena Barr-Dichiara^{*}, Alison J, Rodger^{*},

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33 studies (RCTs and cohorts)

11 RCTs – Key Populations

Additional indirect evidence across ST approaches shows high acceptability, accuracy, feasibility etc



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https://pubmed.ncbi.nlm.nih.gov/29703707/

Witzel 2020 BMC Med:

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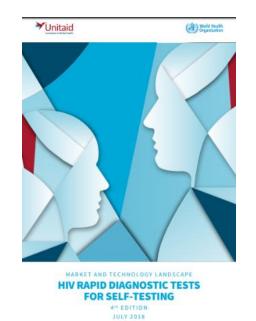
How to do a self-test?





Self-testing products with WHO PQ, ERPD or IMDRF* approval

HIVST		
Test (manufacturer)	Specimen	Approval
Mylan HIV Self Test	Blood	WHO PQ
(Atomo Diagnostics, Australia) autotest VIH® **	Blood	CE mark
(AAZ Labs, France)	Diood	OL Mark
BioSURE HIV Self Test **	Blood	CE mark
(BioSURE , United Kingdom Ltd)		ERPD
Exacto® Test HIV (Biosynex, France)	Blood	CE mark
		ERPD
INSTI® HIV Self Test **	Blood	WHO PQ
(bioLytical Lab., Canada)		
OraQuick® In-Home HIV Test	Oral fluid	FDA, CE Mark
(OraSure Technologies, USA)		
OraQuick® HIV Self Test	Oral fluid	WHO PQ
(OraSure Technologies, USA)		
SURE CHECK® HIV Self Test	Blood	WHO PQ
(Chembio Diagnostic Systems Inc.,		
USA) Check Now HIV Self-Test	Blood	WHO PQ
(Abbott Rapid Diagnostics, Jena GmbH,	Dioda	WHOTE
Germany)		
Wondfo HIV self-test	Disad	WHO PQ
(Guangzhou Wondfo Biotech Co., Ltd.)	Blood	



- WHO PQ products available for US\$0.95-3.10 through Global Fund
- Private sector availability in Europe
- PAHO strategic fund access for LAC
- Pipeline for products remains strong
- Blood and oral both WHO PQed
- WHO systematic review found no difference in uptake between oral and blood self-tests

PQ approval of HIVST shows the availability of safe, affordable and accurate self-tests

HCV self-testing

- 2 products in the pipeline
- 1 advanced in PQ pathway

Syphilis self-testing

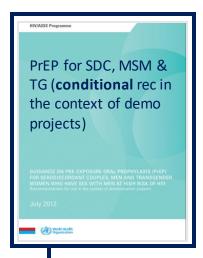
- 2 dual HIV/syphilis product in pipeline
- 1 single syphilis product in pipeline
- WHO PQ making amendment to TSS in August 2024 to start accepting submissions

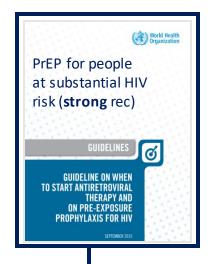
HIC, high-income countries; **FDA**, Food and Drug Administration; **ERPD,** Expert Review Panel for Diagnostics; **Gen,** test generation; **LMIC,** low- and middle-income countries, **MRSP**: maximum suggested retail price; **NA**, not available.

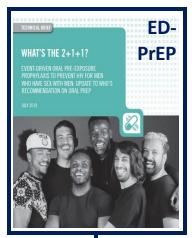
* Includes products prequalified by WHO, approved by a regulatory authority in one of founding-member countries of the International Medical Device Regulators Forum or eligible for procurement on recommendation of Unitaid/Global Fund Expert Review Panel for Diagnostics. ** These products sold in more than one packaging format.

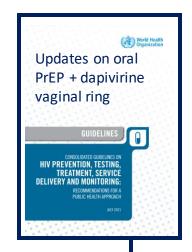
Note: Product details based on information provided by the manufacturers at the time of report preparation.

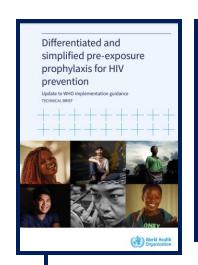
WHO PrEP recommendations and guidance





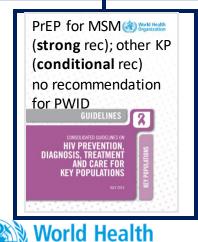




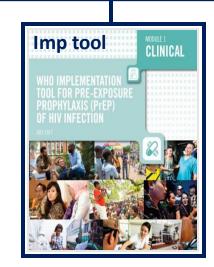


New guidance on PEP and expanded selfcare and differentiated service delivery for PrEP guidance

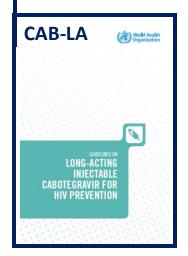
2012 2014 2015/16 2017 2019 2021 2022 2023 2024

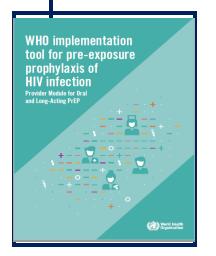


Organization

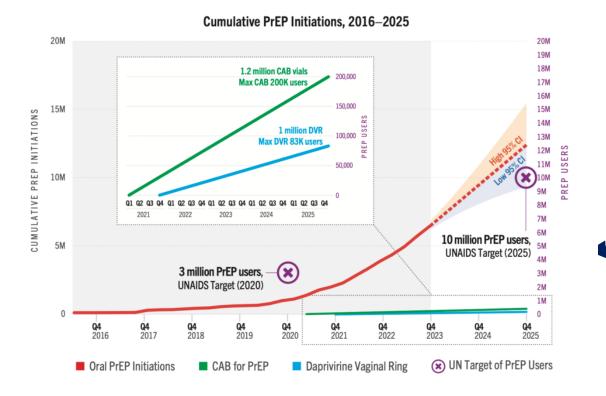








Cumulative PrEP initiations



Considerable further expansions of PrEP services forecasted but large growth necessary to reach 2025 target



Need for simplified and differentiated implementation to improve uptake and effective use

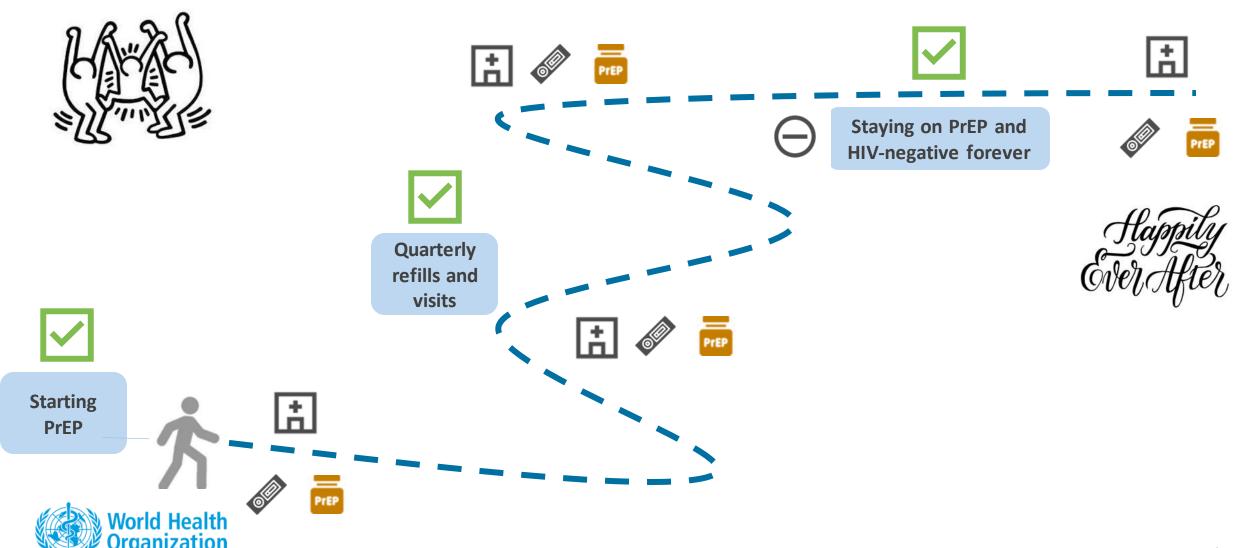
AVAC 2024:

https://avac.org/resource/cumulative-prep-initiations/

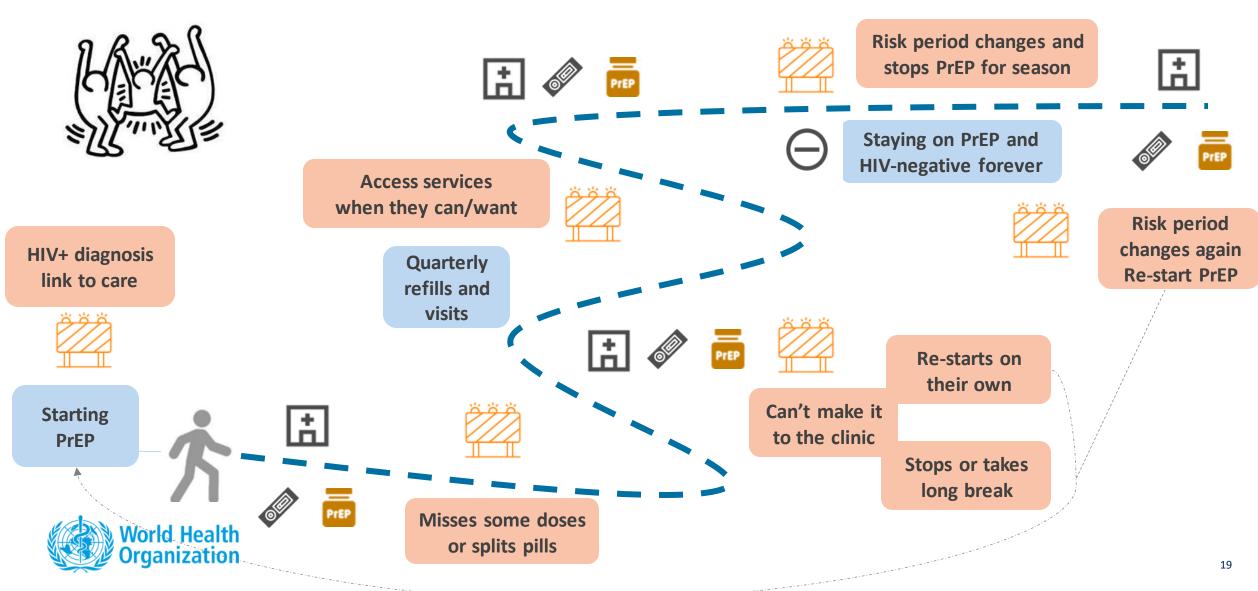


Without increasing PrEP uptake and effective use we won't achieve WHO prevention targets to have fewer than 335 000 infections by 2030

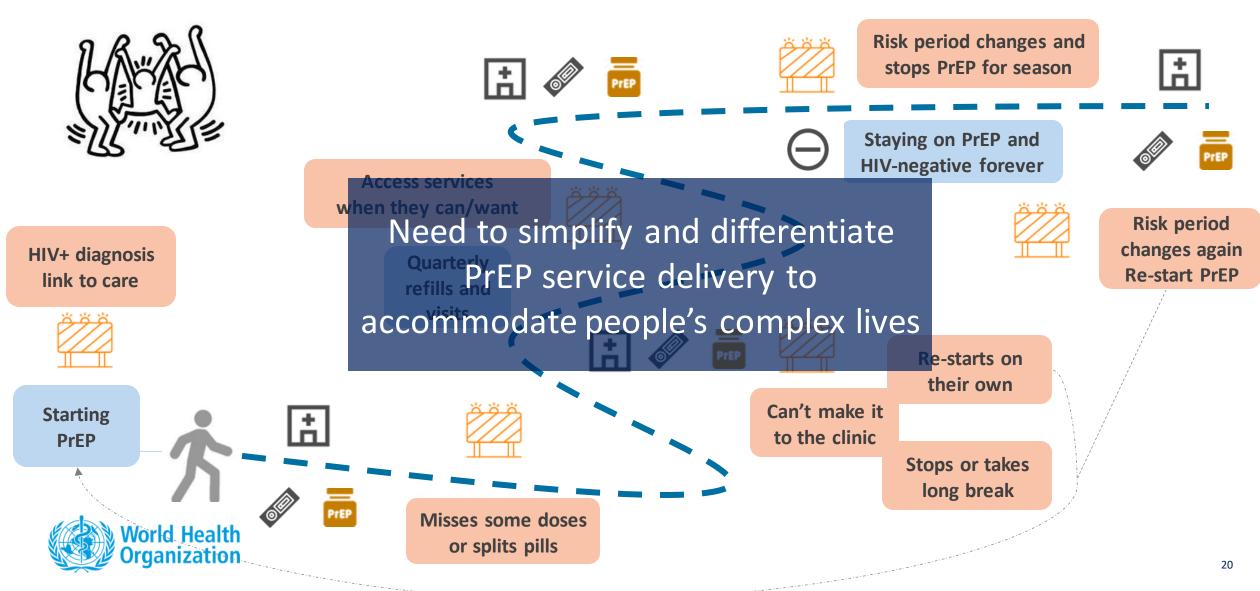
How we sometimes think about a person's PrEP Journey



In reality: People's lives and PrEP journeys are more complicated



In reality: People's lives and PrEP journeys are more complicated



Community-based PrEP delivery

Mobile PrEP services, South Africa



Photo credit: Project PrEP - Unitaid

Home PrEP delivery, Thailand



Photo credit: Mplus Foundation, Chiang Mai

Tele-health for PrEP, Brazil



Photo credit: Project PrEP1519 - Unitaid

Pharmacy PrEP, USA



Photo credit: Washington University in St. Louis



Community-based PrEP delivery

Mobile PrEP services, South Africa



Tele-health for PrEP, Brazil



Home PrEP delivery, **Thailand**

World Health Organization

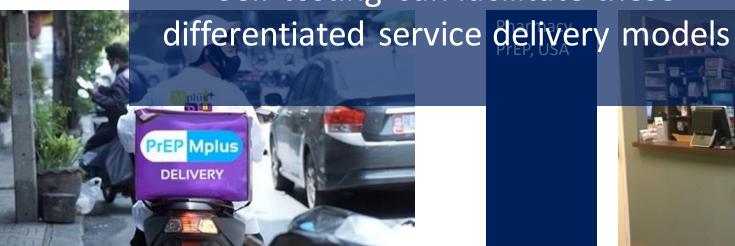


Photo credit: Mplus Foundation, Chiang Mai

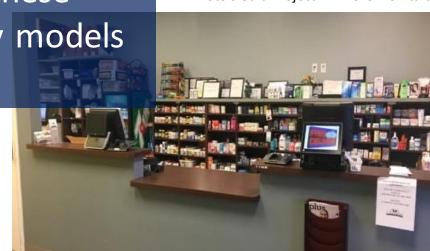
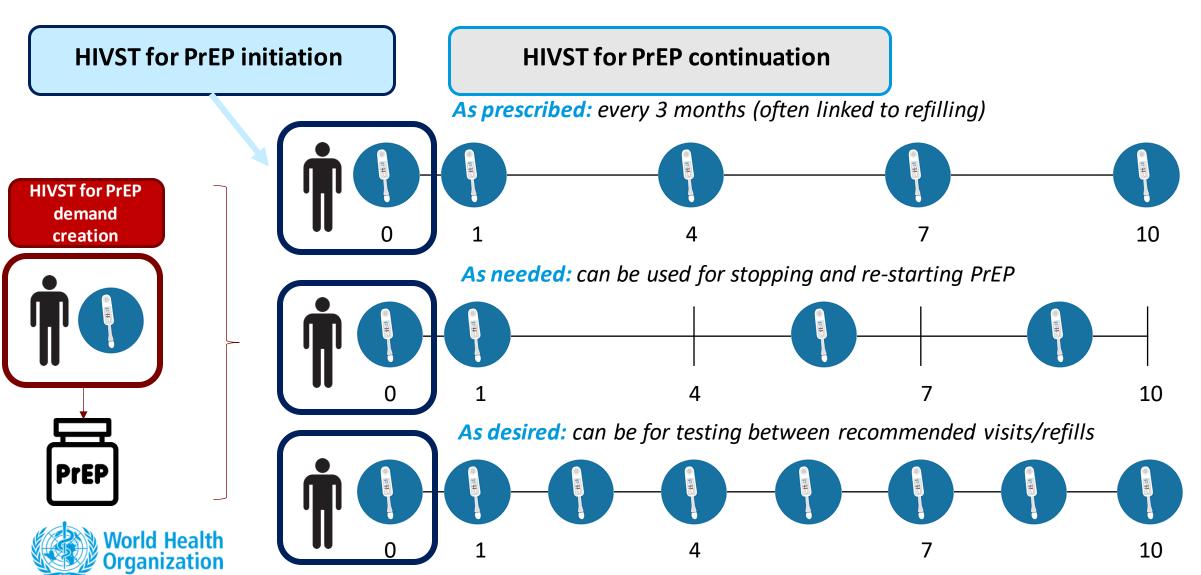


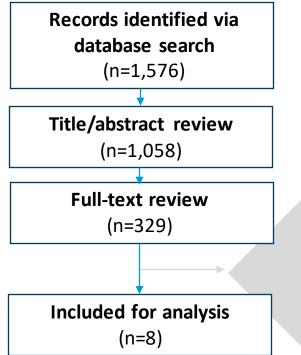
Photo credit: Washington University in St. Louis

Options for HIV self-testing for PrEP delivery



Months since PrEP initiation

Evidence on HIVST-supported PrEP



Excluded:

- No HIVST (n=91) or PrEP (n=73)
- Linkage to PrEP care (n=55)
- Review paper (n=10)
- Protocol paper (n=6)
- Provider-assisted HIVST (n=3)

Randomized controlled trials (n=3)

Values & preferences studies (n=5)

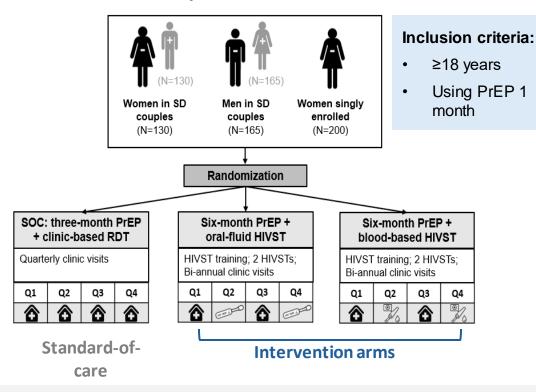


- Benefits of HIVST-supported <u>PrEP continuation</u> appear to outweigh the risks.
 - No studies directly evaluated the use of HIVST to support PrEP initiation.
 - Only the JiPime-JiPrEP study used HIVST to simplify, not add complexity, to PrEP delivery.
- In the RCTs, HIVST-supported PrEP delivery, compared to standard facility-based delivery, achieved:
 - Similar or higher PrEP adherence
 - Similar levels of PrEP retention and refills
 - Good HIV testing uptake and use; increase in male partner testing of post-partum women
 - No adverse events or social harms
- Use of HIVST for PrEP delivery is perceived to be feasible and acceptable, can be comparable in terms of resource use (preliminary results)

(Citation: Kiptinness C, et. al., Current HIV/AIDS Reports 2022)

<u>Case study</u>: HIVST to support 6-monthly PrEP dispensing – findings from the JiPime-JiPrEP trial

1:1:1 non-inferiority individual-level randomized trial:

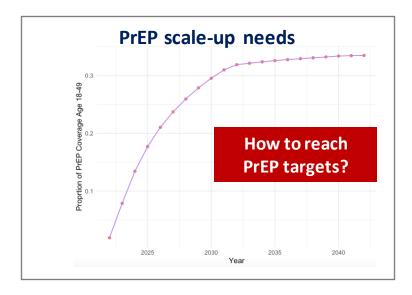


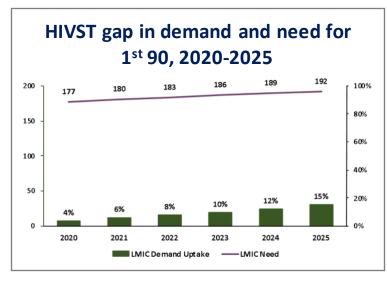
<u>Primary outcomes</u>: Recent HIV testing; PrEP refilling (continuation); PrEP adherence (assessed via DBS samples)

- 6-monthly PrEP dispensing with HIVST between semiannual clinic visits simplified PrEP delivery without compromising clinical outcomes—HIV testing, PrEP refilling, PrEP adherence—at 6 and 12 months.
 - Among women not in known HIV serodifferent couples, the intervention significantly increased PrEP adherence.
- The intervention was perceived as **highly acceptable** among clients who experienced in.
- The intervention was cost saving; it decreased the per client annual cost of PrEP delivery
 - By \$7.77 USD in the intervention scenario and \$3.30 USD in the MOH scale-up scenario
- More evidence needed to estimate effects in real-world public clinics and identify implementation strateiges that could support scale up.

(Citation: Ngure K, et. al., Lancet HIV 2022; Ortblad KF, et. al., JAMA Net Open 2023)

Considering the risks and benefits of HIVST for PrEP





Simplify PrEP and adapt services for the real world

- More options and flexibility for taking PrEP based on client needs and preferences
- Greater convenience, user engagement, empowerment, and ownership
- Use with community-based and online services and virtual interventions, e.g. Tele-PrEP
- Increased access to PrEP through HIVST could help achieve scale-up and thereby substantially reduce new HIV infections.

Similiar or can bring lower cost PrEP services to more people

- Simplfies delivery systems & enables more task-sharing
- Reduces health worker time & facility visits
- Reduces client opportunity costs, e.g. travel

Will HIVST miss a substantial number of people and increase risk of PLHIV developing drug resistance?

- Cox et al 2024 found HIVST-support PrEP would result in few missed infections and very low risk of effecting drug resistance at population level when compared to standard HTS
- No substantial difference by HIV test used (including oral vs. blood HIVST)

Does HIVST mean PrEP users miss out on other important clinical services?

- Not necessarily HIVST can be used in a clinic
- Also, other tools like dual HIV/syphilis ST, emerging self-collection and self-testing approaches are becoming available and can be leveraged

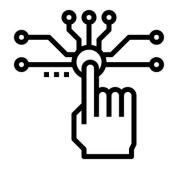
Country uptake of WHO guidance on HIVST-supported PrEP

- Following the WHO recommendation in 2023, WHO started mapping uptake and implementation of this guidance and as of May 2024 we've learned about several experiences and implementation approaches.
- WHO will continue to follow-up and map experiences across countries to support broader implementation and adoption of current guidance.



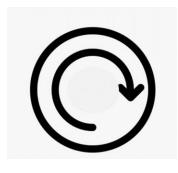
HIVST for **PrEP demand creation**

Nepal, Zimbabwe, Kazakhstan, Ghana, South Africa, Eswatini, Viet Nam



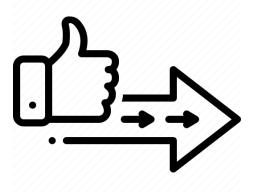
HIVST for PrEP initiation

Philippines, Eswatini & Thailand



HIVST for PrEP re-initiation

Brazil



HIVST for PrEP continuation

Zambia, Spain, Mozambique, Kenya, South Africa, Viet Nam*



27

Use of HIVST for PrEP – EpiC Eswatini Experience

- The Meeting Targets and Maintaining Epidemic Control (EpiC) project in Eswatini provides comprehensive clinical health services to key populations (KPs); FSW, MSM, TG & PWID.
- KPs are reached through community outreach workers who provide health education sessions, health screening, and HIVST at hotpots, before they are referred for clinical services at mobile clinics and two KP DICs.
- In March 2024, the MOH updated the PrEP implementation guidelines and HIVST has been approved for initial HIV screening, and for PrEP initiation (oral PrEP or PrEP ring) for clients who accept the service.
- To promote self-care, HIVST kits will also be given to the clients during the second refill (Month 4). During this refill, PrEP is given for six months. Clients are educated on the use of HIVST and without the need to come to the facility.
- Clients on daily oral PrEP or the PrEP ring are also provided with an HIVST to take home and are encouraged to use it as an exit test in case of a decision to discontinue PrEP when their risks change.
- During ART initiation, HIVST has also been integrated and secondarily distributed as part of index testing.













HIVST for PrEP in Viet Nam

BỘ Y TẾ CÔNG HOÀ XÃ HỘI CHỦ NGHĨA VIỆT NAM Độc lập - Tự do - Hạnh phúc

Số: 5968 /OĐ-BYT

Hà Nội, ngày 31 tháng 12 năm 2021

QUYÉT ĐINH

Về việc ban hành Hướng dẫn Điều tri và chăm sóc HIV/AIDS

BÔ TRƯỞNG BÔ Y TẾ

Căn cứ Nghi đinh số 75/2017/NĐ-CP ngày 20/6/2017 của Chính phủ quy định chức năng, nhiệm vụ, quyền han và cơ cấu tổ chức của Bộ Y tế;

Theo để nghị của Hội đồng chuyên môn nghiệm thu Hướng dẫn Điều trị và Châm sóc HIV/AIDS được thành lập theo Quyết định số 5300/QĐ-BYT ngày 16/11/2021 của Bô Y tế:

Theo đề nghi của Cuc trường Cuc phòng, chống HIV/AIDS.

OUYÉT ĐINH:

Điều 1. Ban hành kèm theo Quyết định này "Hướng dẫn Điều trị và chăm

Điều 2. Quyết định này có hiệu lực kể từ ngày ký, ban hành và thay thế Quyết định số 5456/QĐ-BYT ngày 20/11/2019 của Bộ Y tế về "Hướng dẫn điều tri và chăm sóc HIV/AIDS"

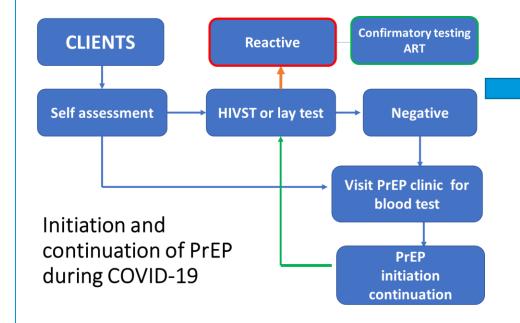
Điều 3. Các ông, bà: Chánh Văn phòng Bộ; Chánh thanh tra Bộ, Tổng Cuc trường, Vu trường, Cuc trưởng các Vu, Cuc thuộc Bộ Y tế, Thủ trưởng các đơn vị trực thuộc Bộ Y tế; Giám đốc Sở Y tế các tính thành phố trực thuộc Trung ương: Thủ trưởng v tế ngành và các đơn vị liên quan chiu trách nhiệm thi hành Ouvét định này./.

KT. BÔ TRƯỞNG

NHỨ TRƯỞNG

Nơi nhân:

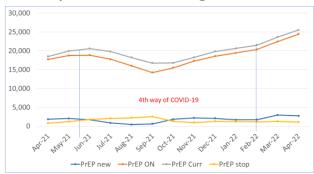
- Như Điều 3;
- Đ/c Bộ trường (để báo cáo);
- Các Đ/c Thứ trường (để biết);
- Công Thông tin điện từ Bộ Y tế;
 Trang thông tin điện từ Cục PC HIV/AIDS;
- Luu: VT, AIDS.



11.4: In the situation of disaster, pandemic or ւջսyễn Trường any unforeseeable circumstances that prevent clients coming to PrEP clinic:

Using HIVST for PrEP continuation

Uptake of PrEP during Covid-19



- Clients take self assessment (form) and book an appointment with PrEP clinic
- PrFP users can use self-test or community-based testing to monitor HIV status and inform health staff for PrEP continuation
- This shift made a significant impact on PrEP uptake
- Post-COVID-19 emergency, HIVST is being used to support linkage to PrEP and Tele-PrEP



HIVSS* for PrEP in South Africa

2024

Standard Operating Procedures for differentiated HIV Testing Services (dHTS) modalities for Adults and Children



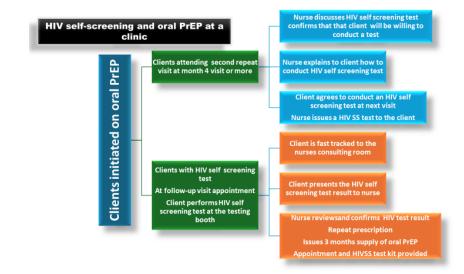


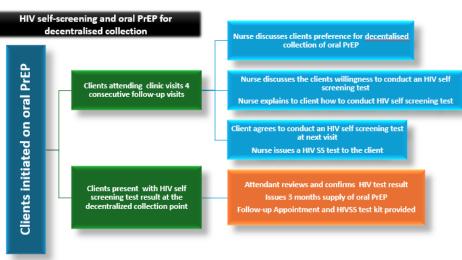


HIVSS & PrEP are large programmes in South Africa and growing

- 2024-27 procurement plan is for ~3.7 million HIVSS kits
- Focus of HIVSS programmes have been men, AGYW and KP
- During COVID-19, HIVSS made a large impact maintaining services and HIV+ yield was ~6.8%
- Current guidance for HIVSS is supports access for those +12 years (youth 12-17 require direct assistance)
- New guidance on HIVSS for PrEP is for:
 - Demand creation
 - Continuation or re-initiation
 - Can only be done with direct assistance from a provider

Tele-PrEP currently being implemented with HIVSS as a pilot









User perspectives on self-testing for PrEP



ZAMGATSHENI MBATHA





Future directions and way forward

- HIVST-supported PrEP is the future and important for scale-up and achieving HIV prevention goals
 - Simplified testing and self-testing is essential to increasing PrEP uptake
 - We cant continue with «business as usual» and expect PrEP scale-up to happen on its own
 - Important to apply lessons learned from early adopter countries
 - Need to plan on HIVST scale-up insufficent number of tests procured globally to achieve targets to reduce new infections
- HIVST for other prevention
 - HIVST can be used for PEP
 - HIVST is being explored for long-acting PrEP
 - Research is underway and will inform guidance
- Self-testing doesnt mean just HIV
 - New tools and technologies for self-testing and self-care can be leveraged, STI self-test/self-collection, multiplex self-tests etc.
 - Offers new opportunities to change PrEP/PEP delivery and support integrated service delivery and tele-PrEP options



Thank you!

Thanks to the WHO and AVAC team for contributions to this presentation and webinar

WHO: Carlota Baptista Silva, Michelle Rodolph, Mateo Prochazka Nunez, Heather-Marie Schmidt

AVAC: Cat Verde Hashim, Wawira Nyagah and Mitchell Warren

Thank you to all the countries and implementers who have shared experiences on HIVST and PrEP delivery with WHO, especially our speakers today from South Africa, Viet Nam and Eswatini.

Thanks to Monisha Sharma and Katrina Ortblad for joining the webinar today, and for their work at University of Washington and Fred Hutch which has supported the generation of evidence including implementation studies, systematic reviews and modelling work.

A special thanks to Ezintsha Mohammed Majam and Angela Tembo for providing a video from users engaged in self-testing as part of PrEP services





For more information on HIV testing services

WHO HIV Testing Services Dashboard

WHO HIV Testing Services Info App

WHO HTS GL

Questions?

Contact: Cheryl Johnson johnsonc@who.int