



# **Clinical Review on impact of PrEP services on HIV control in Milan**

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- **All people at substantial risk of HIV can benefit from PrEP**
- **PrEP prevents HIV up to 99% if used effectively**
- **Scale up of PrEP is essential to end new HIV diagnoses**

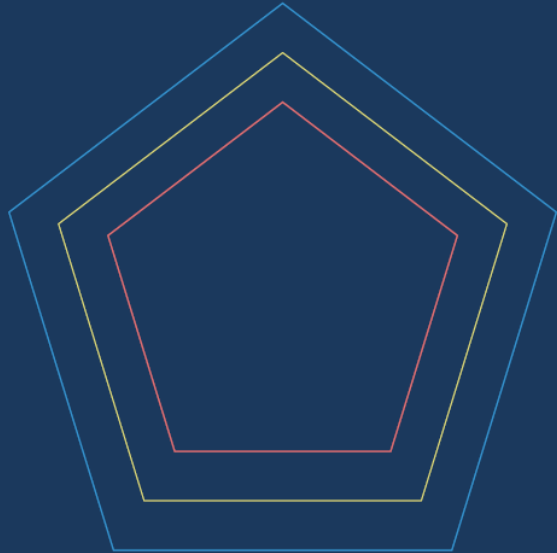
# Community-based services

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- **Tailored to meet the needs and preferences of a community**
- **Accessible to all members of the community, especially those that are marginalised**

# WHO recommendations (2022)

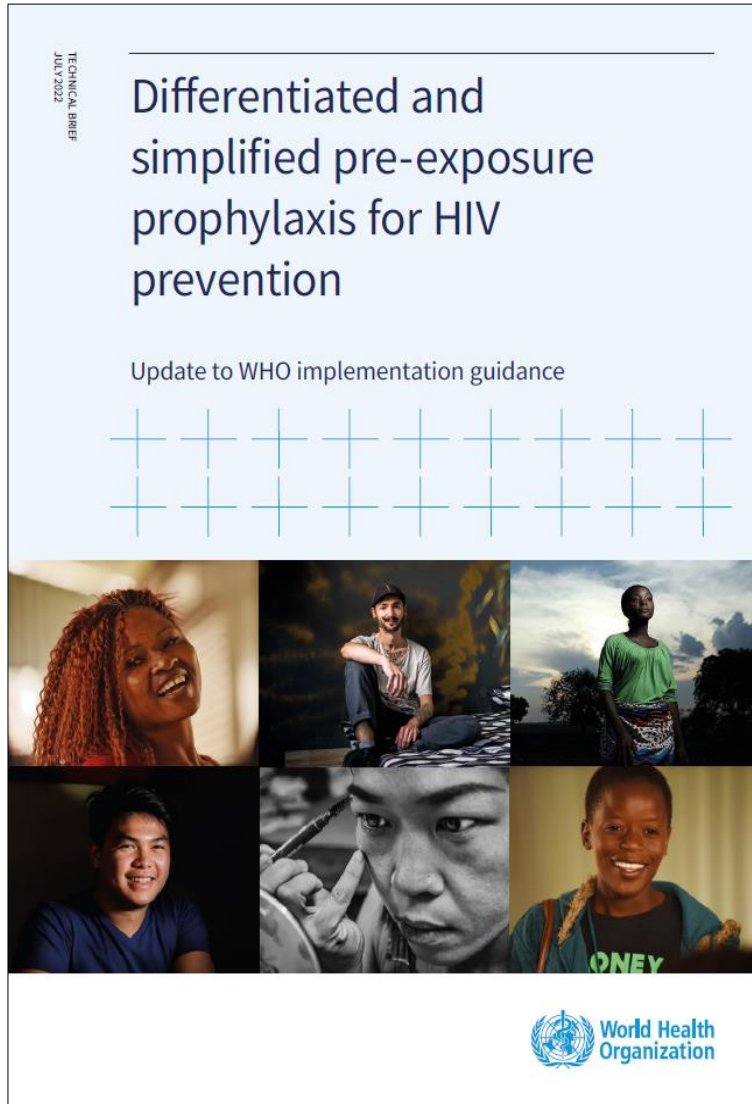
Consolidated guidelines on HIV,  
viral hepatitis and STI prevention,  
diagnosis, treatment and care  
for key populations



- **Peer navigators** are recommended to support people from key populations to start HIV, viral hepatitis or STI treatment, and to remain in care
- **Online delivery** of HIV, viral hepatitis, and STI services to key populations may be offered as an additional option, while ensuring that data security and confidentiality are protected

<https://www.who.int/publications/i/item/9789240052390>

# WHO recommendations (2022)

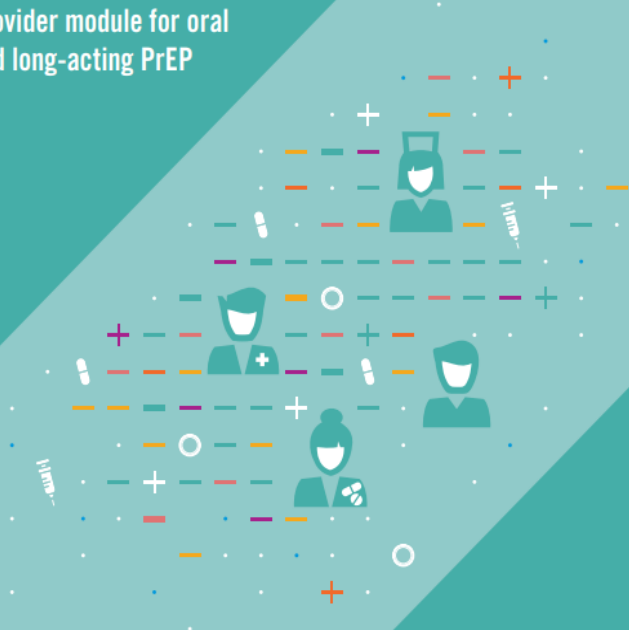


- Differentiated PrEP services make PrEP services more acceptable and accessible and support PrEP uptake, persistence and effective use
  - Person- and community-centered
  - Adapt services to clients' needs and preferences
  - Common framework: four building blocks of “where” (service location), “who” (service provider), “when” (service frequency), and “what” (service package).
- <https://www.who.int/publications/9789240053694>

# WHO recommendations (2024)

## WHO implementation tool for pre-exposure prophylaxis (PrEP) of HIV infection

Provider module for oral  
and long-acting PrEP



- Detailed guidance for PrEP providers in all settings
- Minimum standards to provide PrEP safely

<https://www.who.int/publications/i/item/9789240097230>

# WHO recommendations (2024)

## Consolidated guidelines on differentiated HIV testing services



- WHO recommends **community-based HIV testing services**, with linkage to prevention, care and treatment, for key populations in addition to facility-based testing
- **Lay providers** who are trained and supervised can independently conduct safe and effective HIV testing using rapid diagnostic tests

# Piano nazionale AIDS (2017)

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- Incrementare e favorire strategie parallele, secondo il modello fondato sui CBVCT (community-based voluntary counselling and testing)
- Favorire l'approccio di “prevenzione combinata” mirata che includa: PrEP, TasP e PEP; programmi community-based di offerta di test rapidi HIV ed IST

# PrEP at Milano Check Point

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- Started in 2017, to support people buying PrEP online
- Where: community-based organization
- Who: task sharing between infectious diseases specialists, community health workers and peers
- When: online navigation session; initiation; first follow-up (after 1-2 months); regular follow-ups (every 3-6 months)

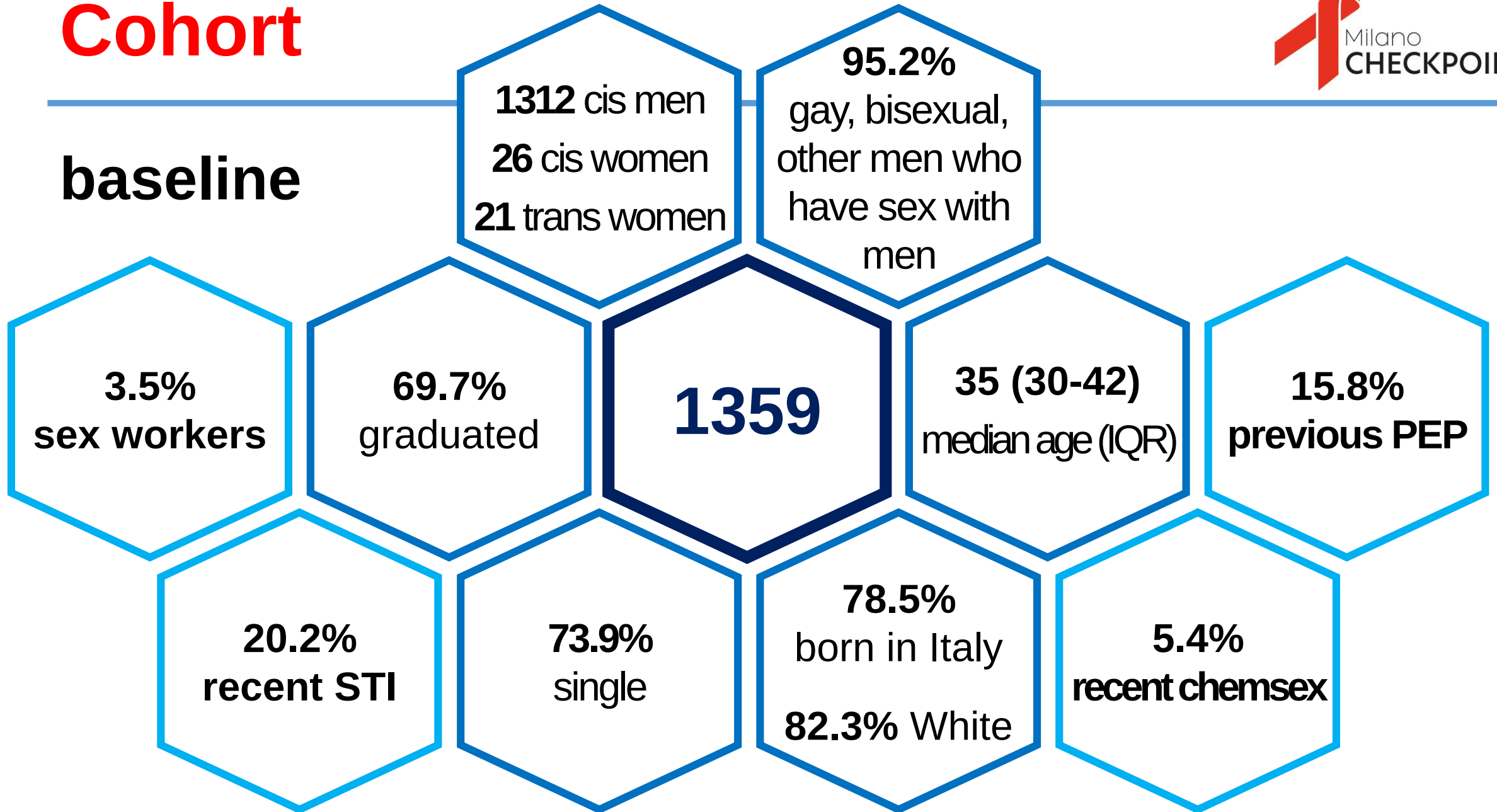
# Package of services

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- Consultation with infectious diseases specialist
- Consultation with psychologist/peer counsellor
- Rapid testing for HIV, syphilis, HCV
- Self-collection of samples for CT and NG testing
- Linkage to vaccination services
- Linkage to PrEP distribution centres
- Fast-tracked access to HIV, hepatitis and STI treatment

# Cohort

## baseline



# Impact: 1330 people started PrEP



- Decided not to start PrEP: 27 (2.0%)
  - Moved to another PrEP centre (Milano): 95 (7.0%)
  - Moved to another city: 78 (5.7%)
  - Decided to stop PrEP (monogamy): 76 (5.6%)
  - Decided to stop PrEP (reduced risk): 38 (2.8%)
  - Decided to stop PrEP (side effects): 3 (0.2%)
  - **Lost to follow-up: 61 (4.5%)**
  - **Currently in follow-up: 982 (72.2%), incl. 27 re-initiations**
- 12.7%
- 8.6%

# Impact: HIV and HCV diagnoses

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- 2 HIV diagnoses at baseline
  - 3 HIV diagnoses at follow-up (no TDF/FTC resistance)
  - All linked to care and virally suppressed
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- 8 HCV diagnoses
  - 1 HCV confirmed re-infection detected with rapid test
  - All linked to care and cured

# Impact: vaccinations (n=1180)

- 466 eligible for **HAV vaccination** (39.5%)  
→ 219 completed vaccination (47.0%)
- 230 eligible for **HBV booster** (HBsAb<10) (19.5%)  
→ 123 received booster (53.5%)
- 133 eligible **HBV vaccination** (HBsAb negative) (11.3%)  
→ 23 in progress (8.6%), 43 completed (32.3%)
- 15 non-responders (after vaccination/booster) (1.3%)
- 785 eligible for **HPV vaccination** (66.5%)  
→ 160 in progress (20.4%), 252 completed (32.1%)

# Impact: September 2024

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- **196 PrEP visits** (13 initiations)
- 0 reactive rapid tests for HIV, syphilis, HCV
- 19 asymptomatic chlamydial infections detected (9.7%)
- 14 asymptomatic gonococcal infections detected (7.1%)

# What's next: doxyPEP

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- **PrEP users already taking it**
- Development of prescription criteria
- Counselling for all clients
- Prescription to all clients who may benefit from it

# Acknowledgments

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- **All our PrEP clients**
- **All our PrEP providers, community health workers and volunteers**
- **All PrEP providers at partner clinics**

# Thank you!

## Any questions?

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