

AMPrEP in H-TEAM: A PrEP implementation project in Amsterdam

Prof. dr. Maria Prins

**Public Health Service (GGD) and Academic Medical Centre,
Amsterdam, The Netherlands**



CONTROLLING THE HIV EPIDEMIC WITH ANTIRETROVIRALS
Progress, Risks, and Opportunities | 13-14 October 2016



Joining forces for a future with no new HIV infections

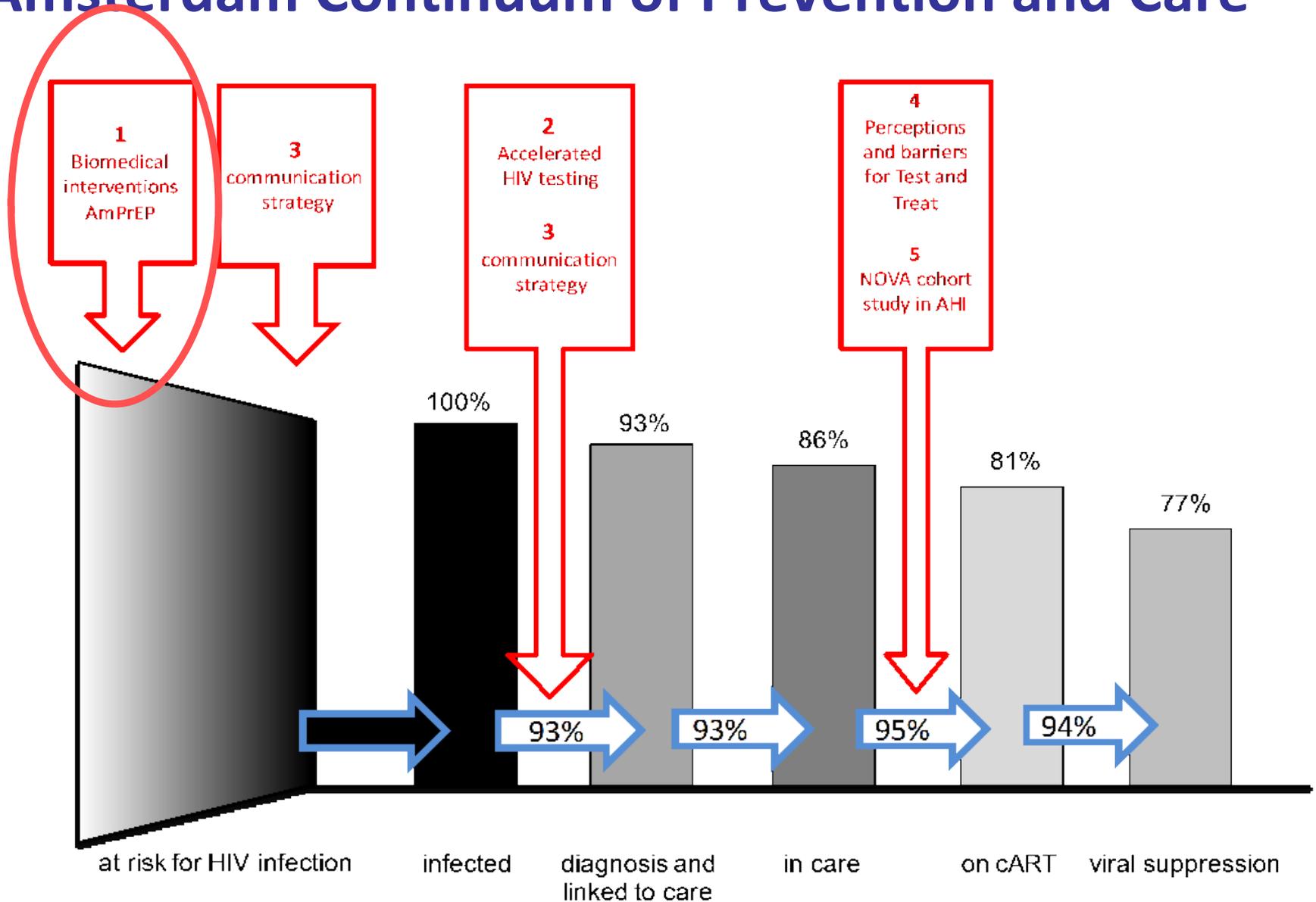
Joining forces for a future with no new
HIV infections

H-TEAM

Hiv Transmissie
Eliminatie AMsterdam

www.hteam.nl

Amsterdam Continuum of Prevention and Care



Pre-start research at the city level



What do Dutch MSM think of preexposure prophylaxis to prevent HIV-infection? A cross-sectional study

Janneke P. Bil^a, Udi Davidovich^a, Wendy M. van der Veldt^a,
Maria Prins^{a,b}, Henry J.C. de Vries^{b,c,d}, Gerard J. van't Hof^e
and Ingrid M. van't Hof-Grootenboer^a

Medicine[®]

OPEN

Observational Study

Motives of Dutch men who have sex with men for daily and intermittent HIV pre-exposure prophylaxis usage and preferences for implementation

A qualitative study

Janneke P. Bil, MSc^{a,*}, Wendy M. van der Veldt, MSc^a, Maria Prins, PhD^{a,b}, Ineke G. Stolte, PhD^a,
Udi Davidovich, PhD^{a,*}

Abstract

Although PrEP is not yet registered in Europe, including the Netherlands, its approval and implementation are expected in the near future. To inform future pre-exposure prophylaxis (PrEP) implementation, this study aimed to gain insight into motives and preferences for daily or intermittent PrEP use among Dutch HIV-negative men having sex with men (MSM). Between February and December 2013, semistructured interviews were conducted until data saturation was reached (N=20). The study was conducted in Amsterdam, the Netherlands. The study was funded by the Netherlands Organisation for Scientific Research (Vernieuwingsimpuls).

Copyright © 2015 Wolters Kluwer Health, Inc. All rights reserved.

AIDS 2015, 29:955–964

V
C
C
hi
be
tha

Amsterdam PrEP (AMPrEP) demonstration project



PrEP is being offered

- to 370 MSM and transgender people
- as part of an integrated prevention package
- at a large and free-of charge STI clinic
- August 2015 - June 2018

App to facilitate adherence and monitor safe sex

Choice: daily or event-driven PrEP

Outcomes	uptake, acceptability, and usability of PrEP
:	adherence, risk behaviour, STI and HIV, cost-effectiveness

The screenshot shows the AMPrEP app interface. At the top, there's a yellow header with 'AMPrEP' and a notification bell icon. Below it is a calendar for 'september 2016'. The calendar cells are color-coded: grey for 'Pil niet geslikt' (pill not taken), blue for 'Seks zonder condoom' (sex without condom), and green for 'Pil geslikt' (pill taken). The date 30th is highlighted in yellow with a '30' in a circle. Below the calendar, there's a section for '30 september 2016' with two questions: 'Pil geslikt?' (answered 'Nee') and 'Anale seks gehad?' (answered 'Nee'). A 'Privé-notitie' (private note) section is also visible with the text 'Test'. At the bottom, there are navigation icons for 'Overzicht', 'Nieuws', 'Berichten', and 'Trends'.

AMPrEP Results

June 2015: 350 online applications within 24 hours

- Project cannot accommodate the larger population in need of PrEP

August 2015-August 2016: 376 individuals started PrEP

- Majority (73%) chose daily PrEP

Baseline characteristics

- Bacterial STI: 21%
- HCV RNA prevalence (4%) higher than expected. HCV infections are more closely monitored during PrEP follow-up
- Daily PrEP users were younger, reported more often multiple risk factors for HIV infection and more anal sex partners (15 vs. 10 in past 3 months)

Acknowledgements AMPrEP

Team Research and STI clinic GGD Amsterdam

Maria Prins en Henry de Vries (PI)

Roel Achterbergh, Kees de Jong, Ilya Peters,
Princella Felipe

Maarten Schim van der Loeff, Udi Davidovich
Jannie van der Helm, Yvonne van Duijnhoven

Arjan Hogewoning, Gerard Sonder

Alfons Hendriks, Lia Peters, Anne-wiek Ferweda

Dieke Martini, Titia Heijman, Adriaan Tempert

Menne Bartelsman en Jeroen Laverge

Kim Visser en Roelien Prins

Gerben Rienk en Linda May

Sanne van Meeteren

ZonMW grant nr 522002003

AIDS fonds, grant nr 2013169



All participants of AMPrEP

All H-team colleagues
All H-team sponsors



Laboratory

Paul Oostvogel
Sylvia Bruisten
Ineke Linde
Karin Adams
Dewi Usmany
Homeyra Amir
Khosravi Agchay
Alle analisten

Sanquin

Thijs van de Laar

RIVM

Ardine de Wit
Maria Xiridou
Silke David