

What can we learn from HIV/AIDS ?



**Universität
Zürich**^{UZH}



**UniversitätsSpital
Zürich**

Jan Fehr

Head of Department Public Health

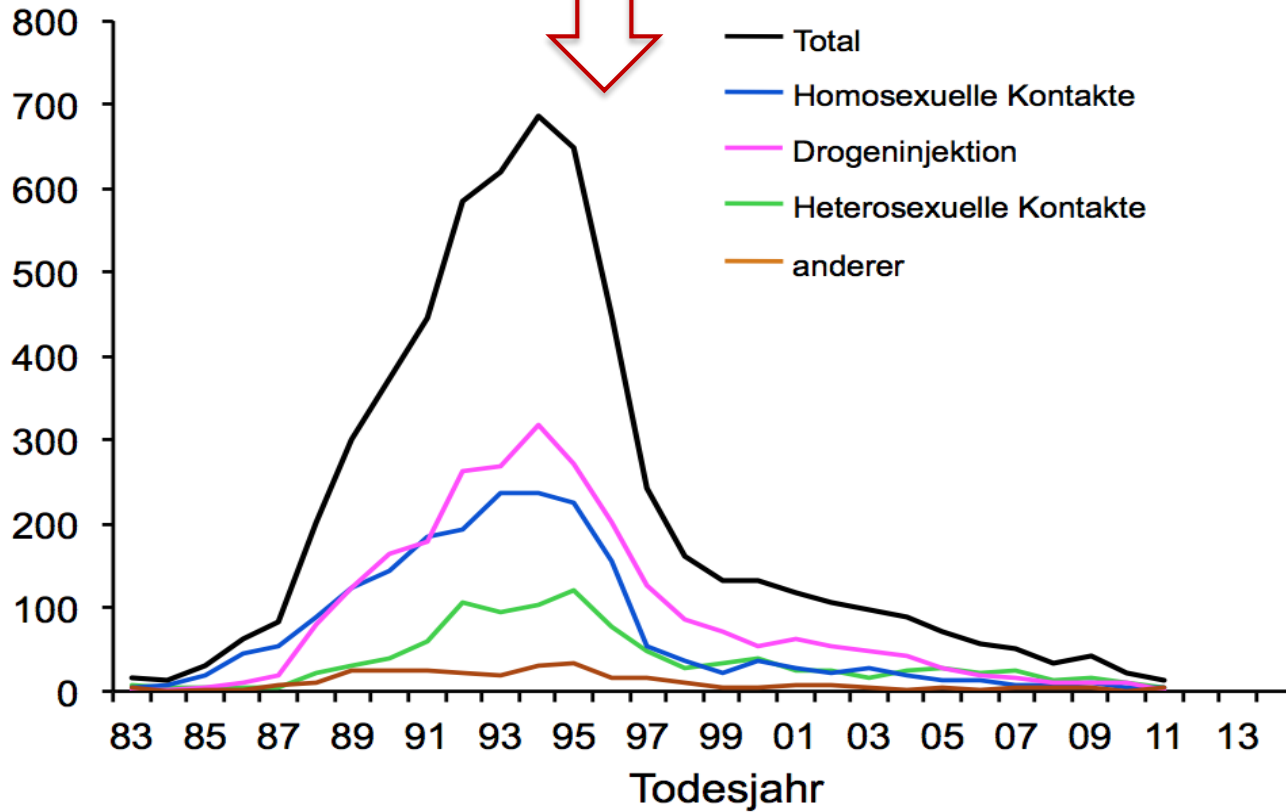
Travel Medicine & Infectious Diseases

University of Zurich

Where we come from...

Aids in der Schweiz

Gemeldete Todesfälle seit 1983 bei Personen mit Aids nach Ansteckungsweg und Todesjahr (Daten nur bis 2011 verfügbar).



BAG, September 2015

MATTHEWMCCONAUGHEY

JENNIFERGARNER

JAREDLITO



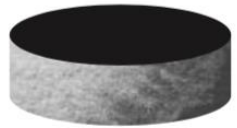
FIGHT FOR YOUR LIFE

A FILM BY JEAN-MARC VALLÉE

DALLAS BUYERS CLUB

FOUR ENTERTAINMENT AND VOLTAJE PICTURES PRESENT
A FOUR ENTERTAINMENT / VOLTAJE / EVOLUTION INDEPENDENT / 12 FILMS PRODUCTION
A FILM BY JEAN-MARC VALLÉE MATTHEW MCCONAUGHEY DALLAS BUYERS CLUB
JENNIFER GARNER AND JARED LETO "FRANCIS BAXTER" PAUL SCARFONE AND TUCKER LELLA
EDITED BY DAVID THOMAS COSTUME DESIGNER JOHANNA MOON DEPTY MARTIN PERICA
PRODUCTION DESIGNER MICHAEL PANG EXECUTIVE PRODUCERS JEFFREY BLANKER, ESCO AND JAMES HALL SLEED
PRODUCED BY DAVID RUSSELL, NATHAN FOSTER, TONY MONTANARO AND JIM NEWMAN
WRITTEN BY CHARLIE ZEFF FOREMAN LINDA LEEVY HILLY WICKS AND CASSIAN LEWIS
DIRECTED BY JEAN-MARC VALLÉE
CASTING BY ROSE GREENER RACHEL VINICER
PRODUCTION OFFICE: MCLAUGHLIN & MCLAUGHLIN
EXECUTIVE PRODUCERS: MCLAUGHLIN & MCLAUGHLIN
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INSPIRED BY TRUE EVENTS

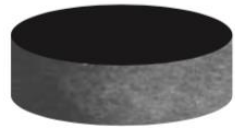


I

Prevention

Health protection, health promotion, early detection

Needle program



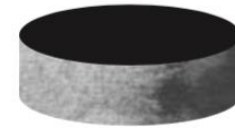
II

Treatment

Various treatment options, social integration

Medical care

THE FOUR-PILLAR POLICY

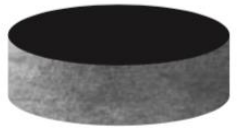


III

**Harm
reduction**

Reduction of harm to individuals and society

Opioid substitution



IV

**Repression
and control**

Market regulation and youth protection

Moderate

Where we arrived...

Treatment works - HIV became a chronic disease

Comparable life expectancy
of HIV+ and HIV- individuals





‘The story of HIV is a modern medical miracle. From despair and tragedy, we have moved into an era of chronic treatable illness, in just 30 years.’

David Cooper

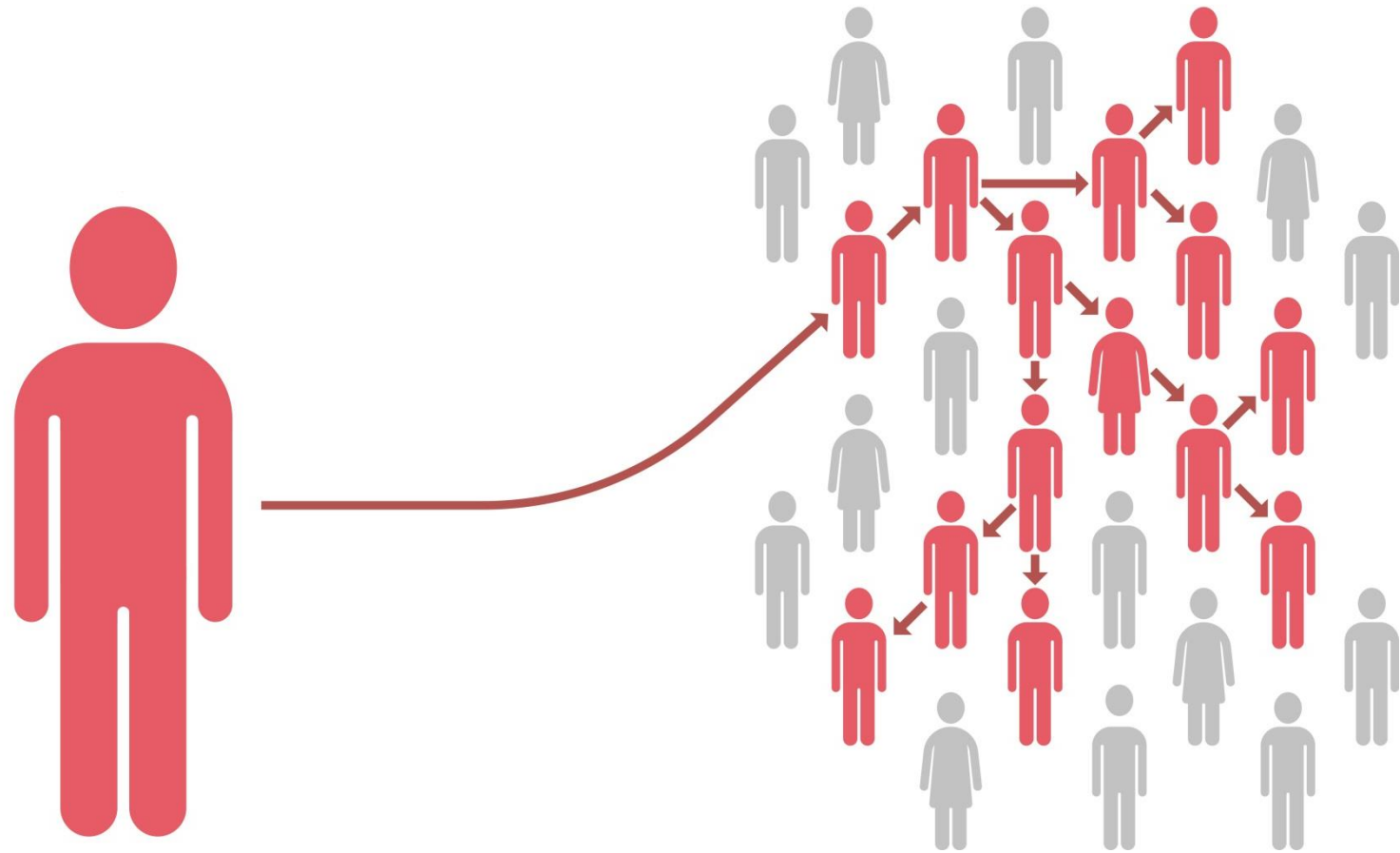
Swiss Statement - 2008

Well treated patients can no longer transmit their virus

Clear statement:

- Condomless sex is possible
- Against stigma
- Against discrimination
- Towards normalization

Principle of 'Treatment as Prevention' (TasP)



'Treatment as Prevention'



By courtesy Prof. A. Rauch

UNAIDS ambitious target



diagnosed



on treatment



virally suppressed



Endorsed & approved
by Switzerland 2016

...to end the HIV/AIDS epidemic by 2030

UNAIDS ambitious target



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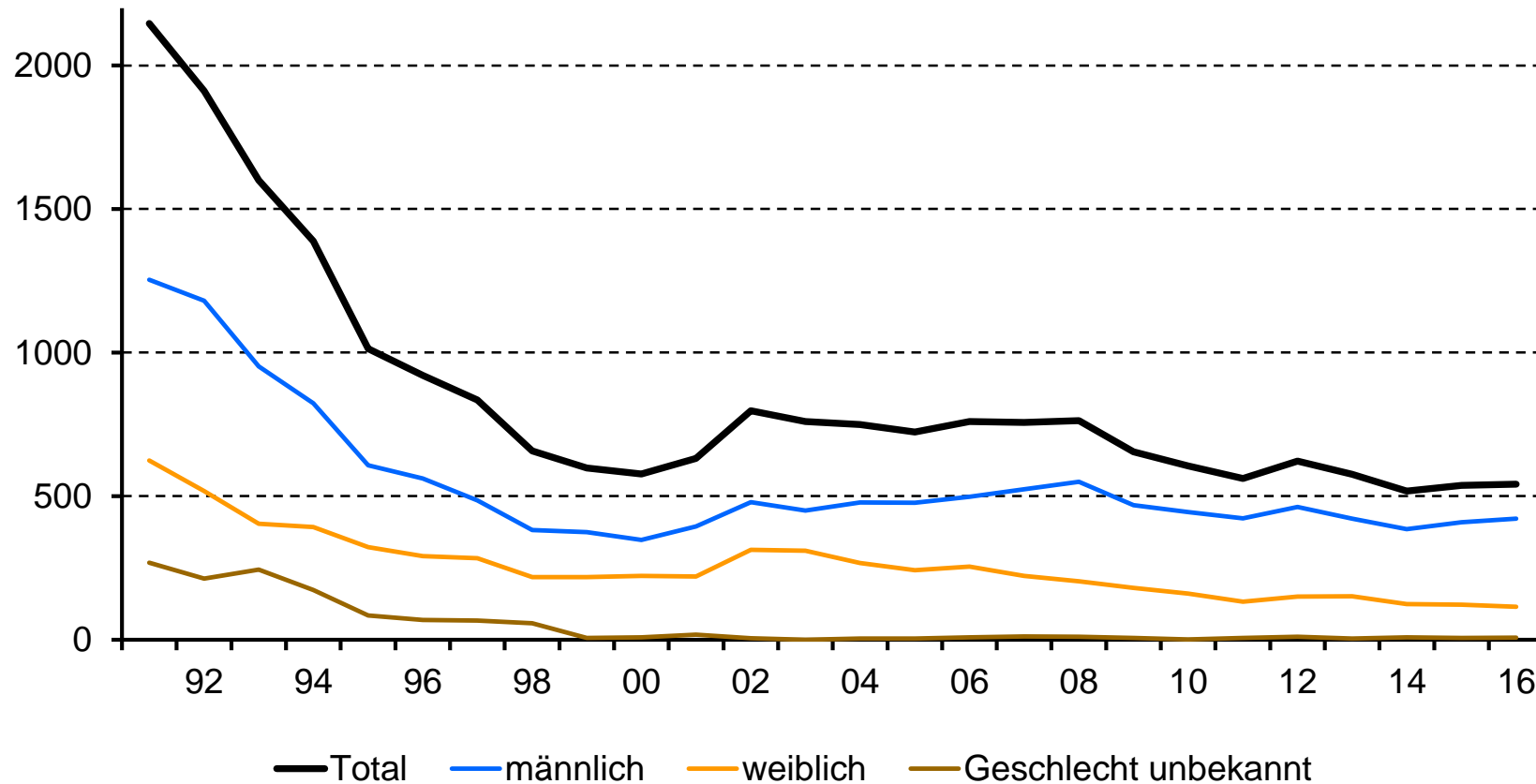


Endorsed & approved
by Switzerland 2016

...to end the HIV/AIDS epidemic by 2030

Where are we now in CH?

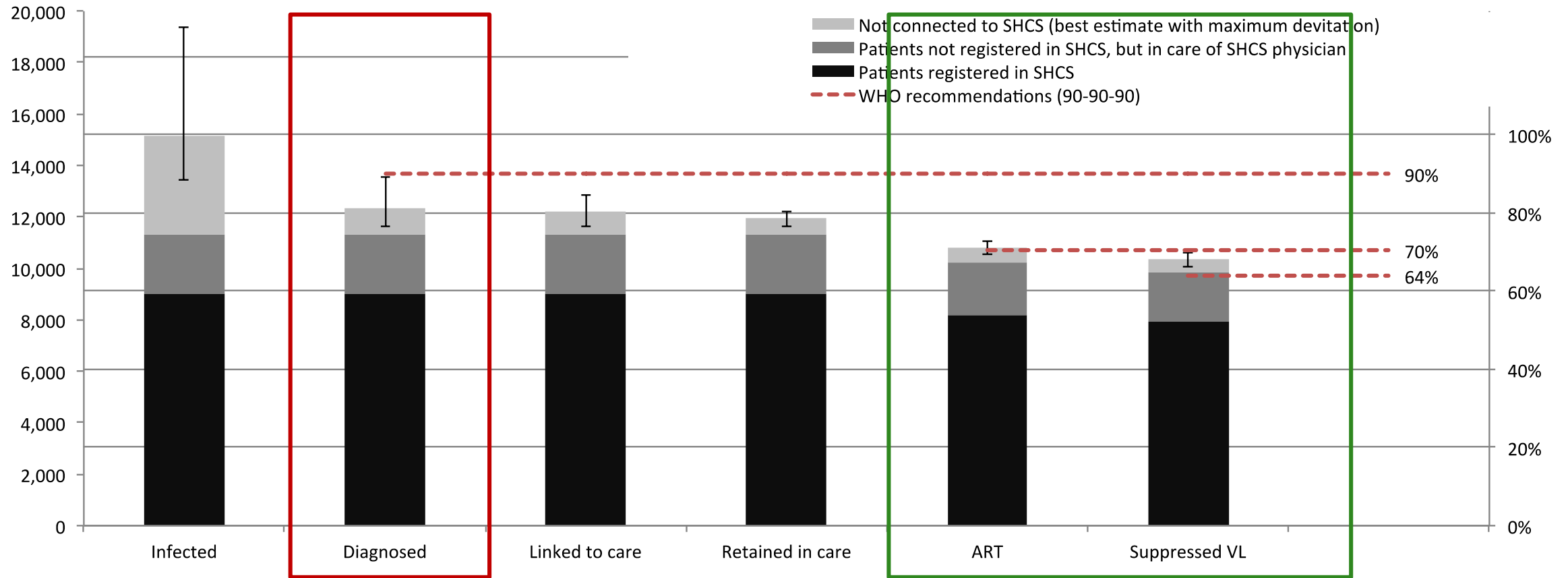
HIV diagnosed cases by year



524 diagnosed 2016
80% men
61% MSM

MSM =
men sex with men

How about the Swiss 90-90-90 ?



Of estimated 15'000 HIV-infected individuals, estimated **3'000** remain undetected

Are there any new prevention tools?

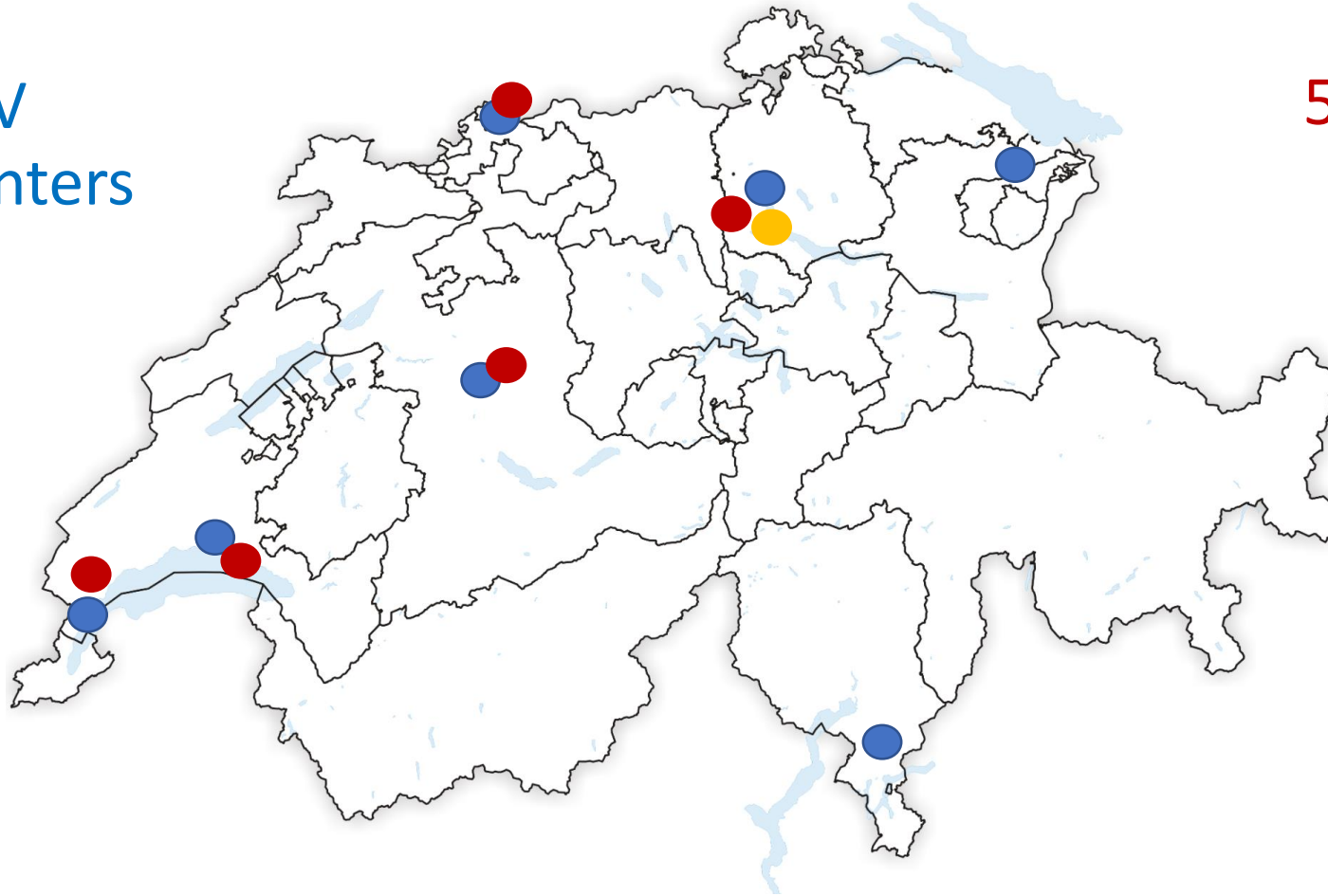
SWALLOW THIS

This pill is changing HIV prevention.
Take it once a day
to stay HIV negative.

Is PrEP for you? **HARLEM UNITED**
HarlemUnited.org/PrEP

SwissPrEPared Program – regional differences, joint forces

7 Swiss HIV
Cohort Centers



5 Checkpoints

Health center/GP

What is needed to reach 'zero new infection by 2030'?

Reach the risk population and the 3'000 not yet diagnosed individuals:

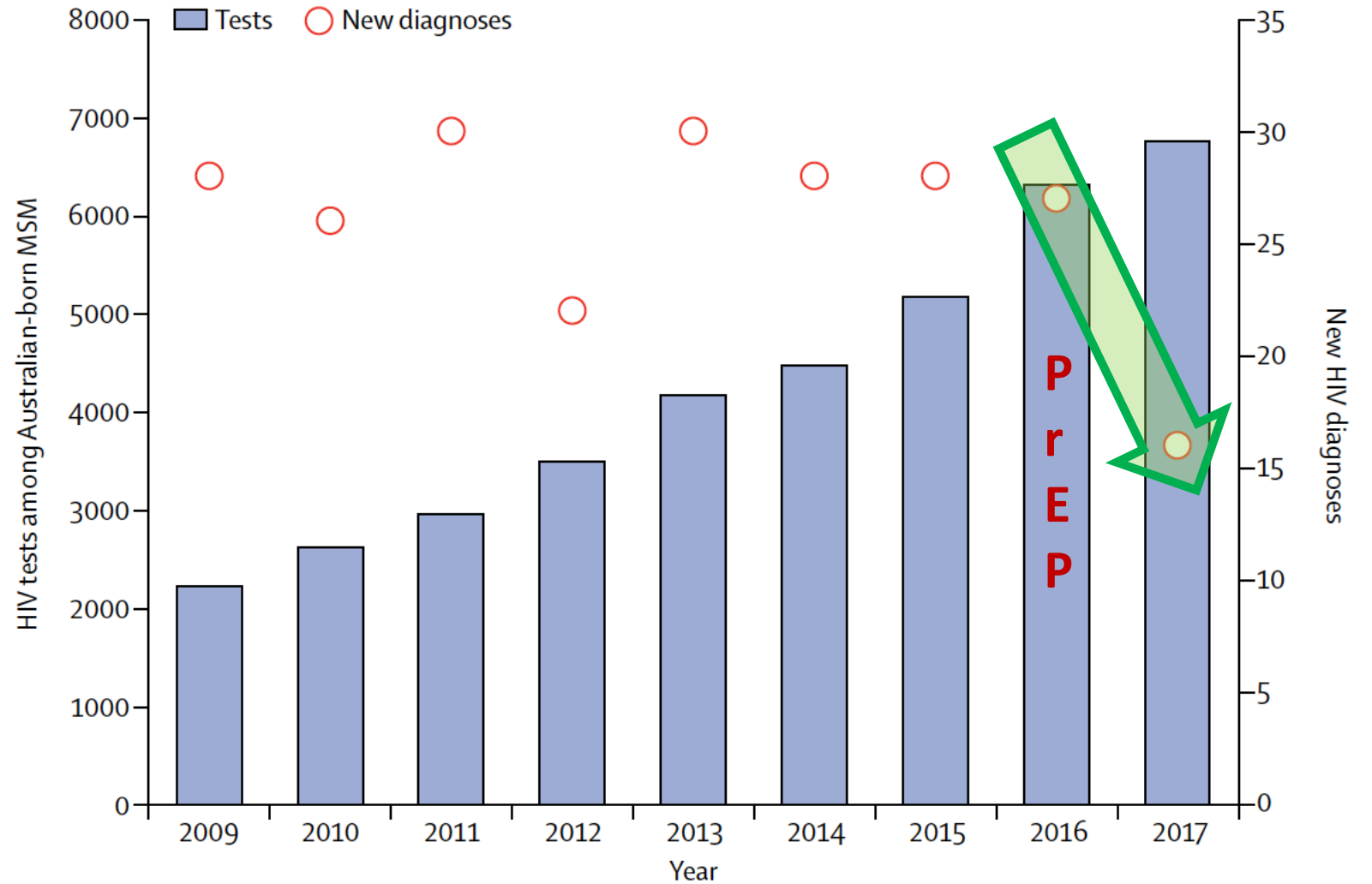
1. PrEP reimbursed
2. New test strategies:
 - For HIV e.g. Hometest
 - For HIV/STI tests: for free (franchisen-befreit)
3. Population targeted campaigns including social media
4. Fight against stigma and discrimination (vulnerable groups)

Keep excellent treatment results (SHCS) -> Treatment as prevention (TasP)

Keep key messages of safer sex for general population

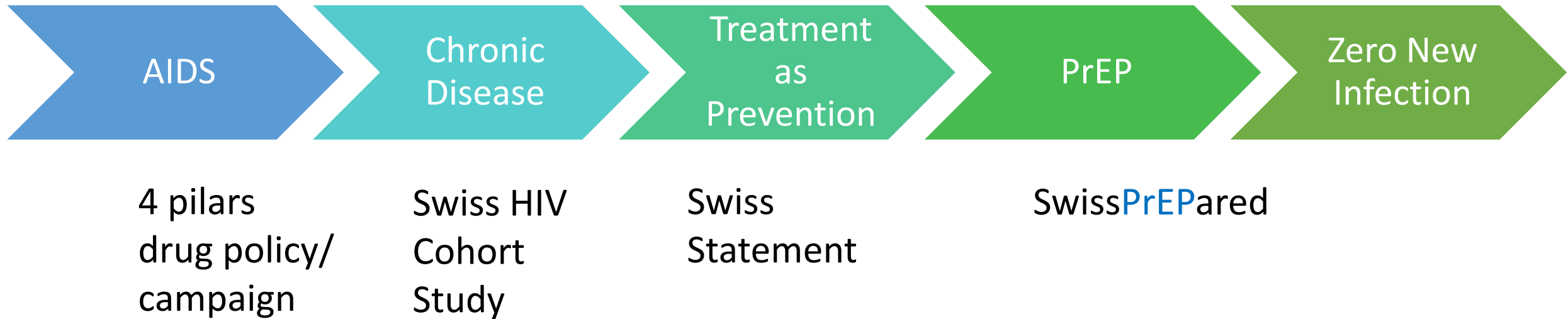
Where we could go to - just a dream?

Decline in new HIV diagnoses among MSM in Melbourne



Eric P Chow et al.
Lancet HIV, Sept 01, 2018, Vol5, Issue 9

The last mile...

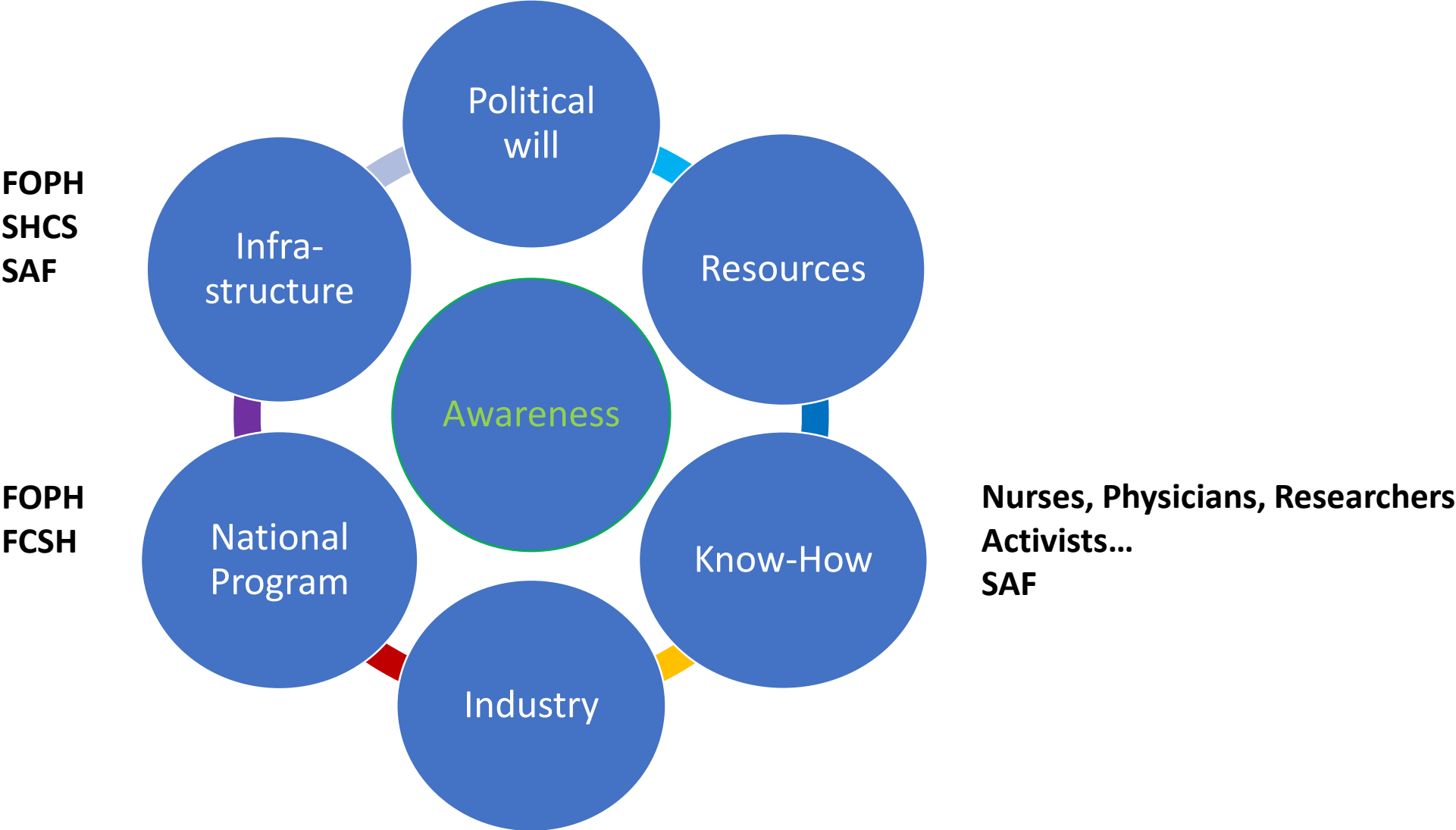


...why is the fight against HIV in CH a success story?



Elbphilharmonie, Hamburg

Joint forces against HIV...



...but also: courage, vision and passion



What about viral hepatitis?





Vision of ‚Twin Win‘:

**Elimination of HIV &
viral Hepatitis**

Thank you

jan.fehr@usz.ch