



The first rapid test facility in Europe

Success and Limits

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www.hivnet.org



Agenda

- Checkpoint in brief
- Method
- Results
- Success
- Limits
- Future



CHECKPOINT IN BRIEF



Situation in the Netherlands in 2000

- Only 42% of Dutch MSM have ever been tested for HIV

(Monitoring Survey, Hogeweg and Hospers, 2000)

- Amsterdam STI Clinic

- 15% of MSM are HIV⁺
- 5% **know** they are HIV⁺

(Transversal Survey, Municipal Health Services' STI Clinic, 2003)

- Need for innovation → Checkpoint



Goals Checkpoint

- **HIV-rapid test has to become an option in regular STI-screening**
- Test high risk groups
- Structural registration and analysis
- Describing and sharing method
- Transparent
- Temporary
- New developments



Checkpoint

- Friday evening
- MSM friendly
- Anonymous
- € 20
- 21 volunteers (6 per evening)
 - 6 physicians
 - 10 nurses
 - 5 Checkpoint or para medically trained



METHOD



Determine™ (Abbott Laboratories)

■ Sensitivity → 100.0 %

■ Specificity → 99.7 %

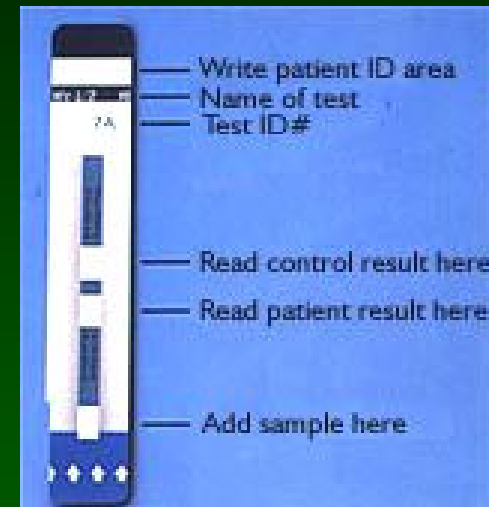
■ Confirmation test

- *Western Blot*
- *(Detuned Elisa till 2006)*

■ HIV 1 / 2

*(For a complete overview of rapid tests see Aids Reviews 2000; #2
'Rapid Tests for HIV Antibody' by Bernard M. Branson)*

■ Low cost & user friendly



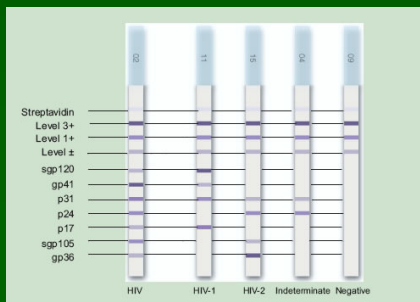
Rapid test



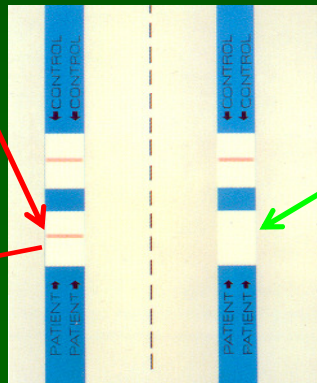
1 drop capillary blood



1 drop chase buffer
+ 15 minutes waiting



Positive

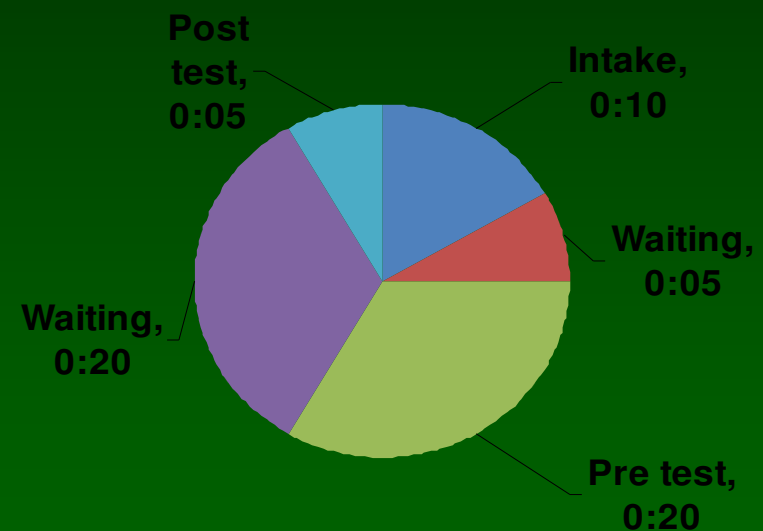


Negative



Method

- Appointment
- Intake
- Pre test
- Test: Determine™ + OraQuick®
- Post test 1
- (Post test 2) 1 week later

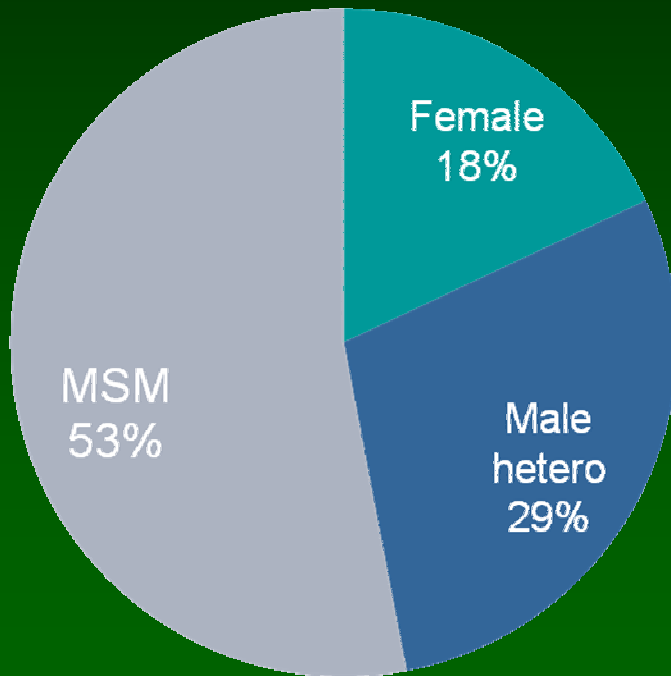


RESULTS

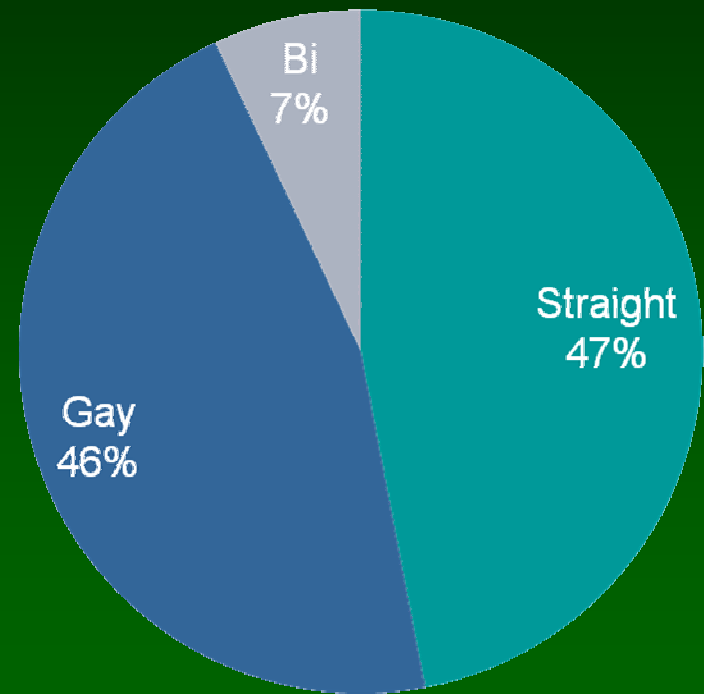


Clients: Characteristics 1

Sexe

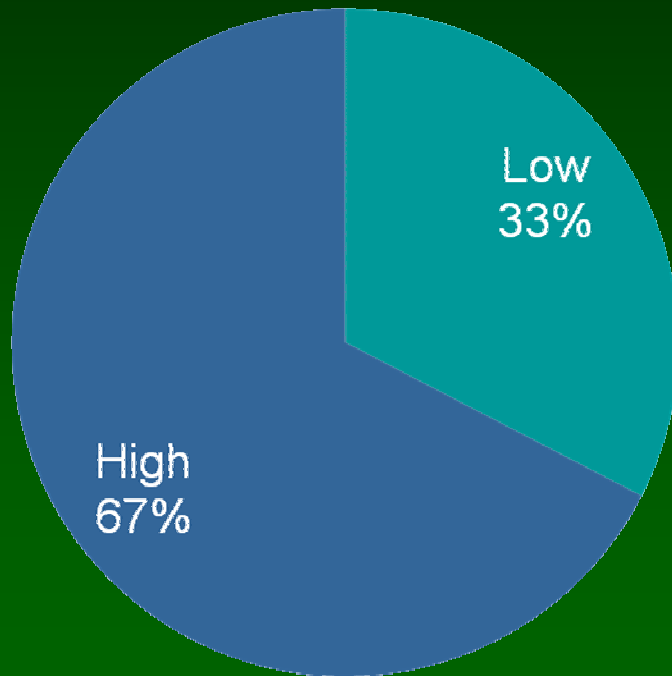


Sexual preference

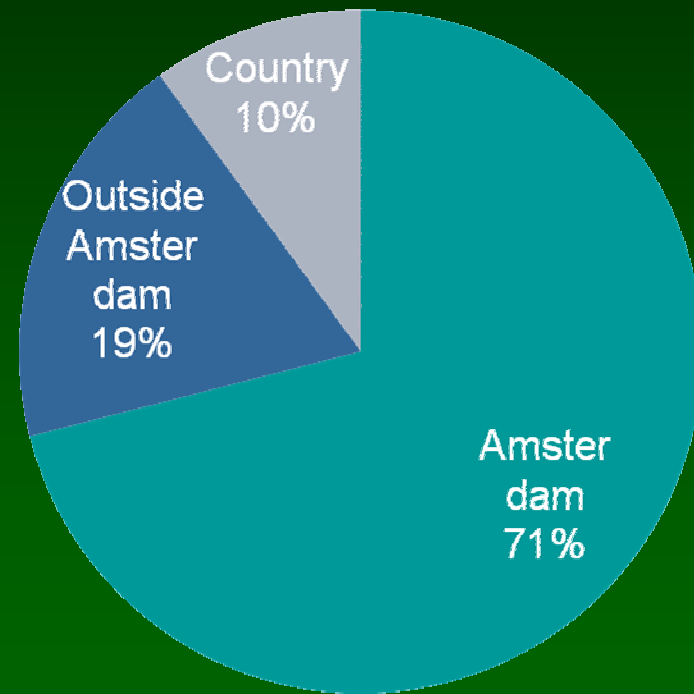


Clients: Characteristics 2

Education



Domicile

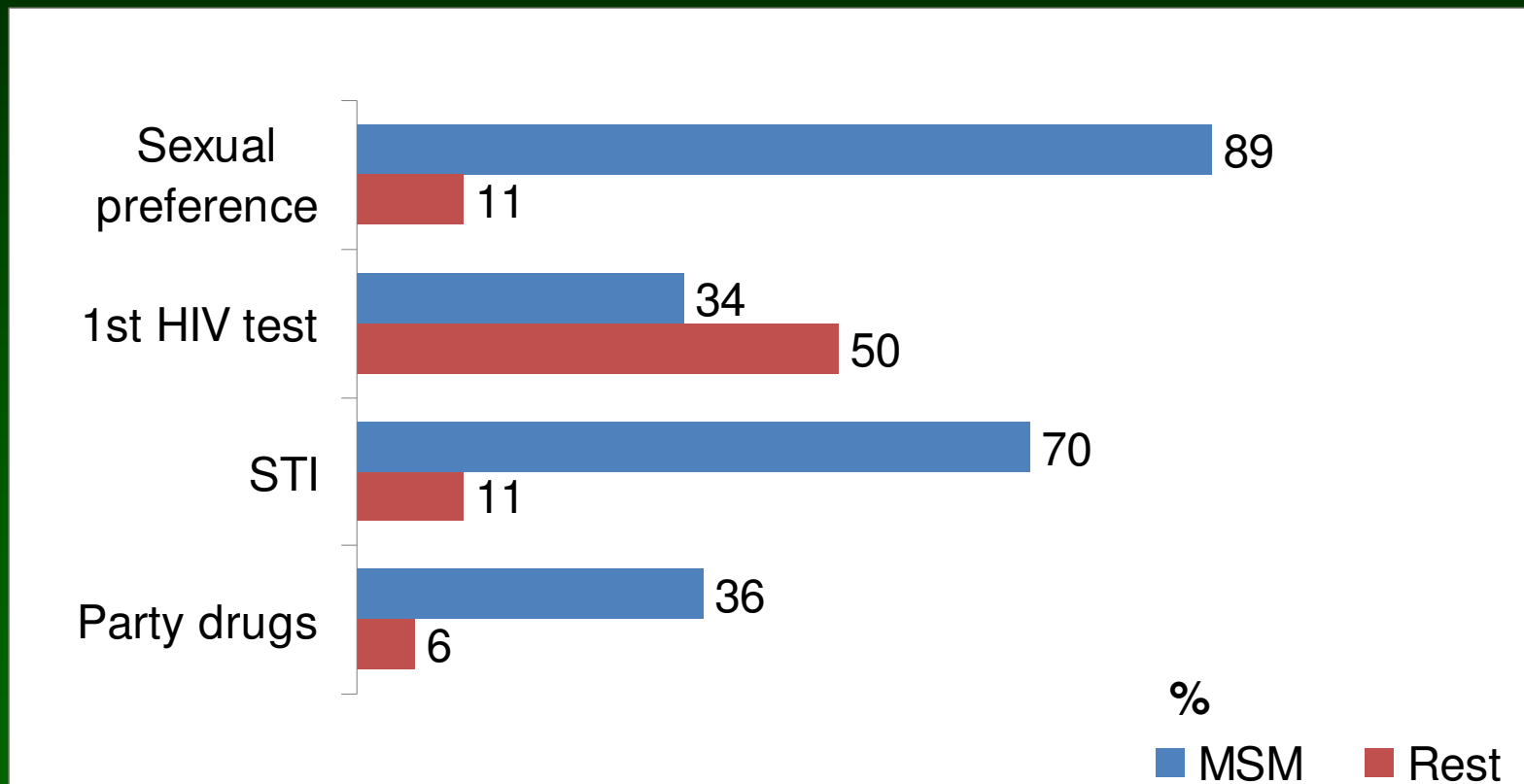


Results

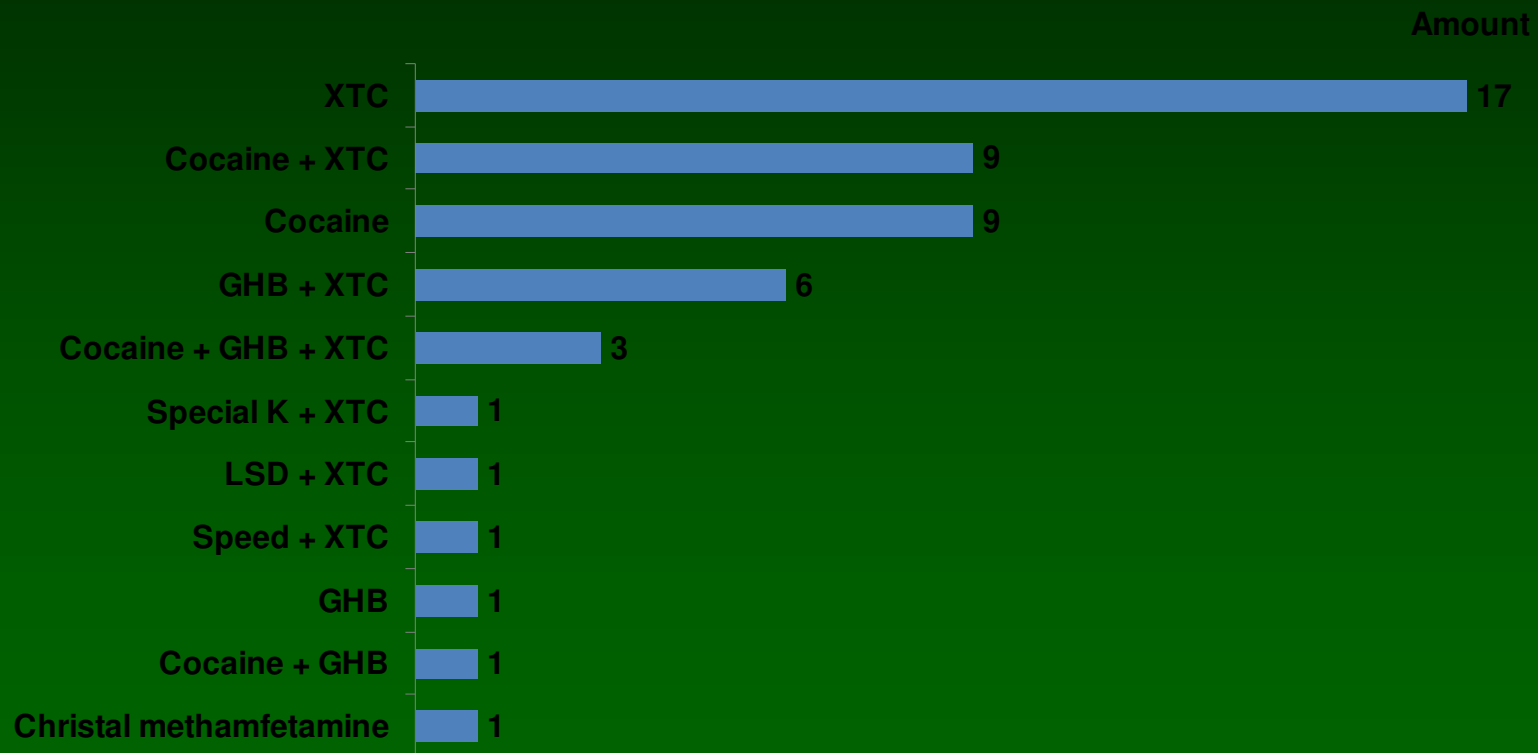
	Total Tests	HIV+	Incidence %
MSM	2586	121	4,68
Heterosexual man	1418	7	0,49
Female	905	9	0,99
Total	4909	141	2,87
<i>Not tested</i>	<i>38</i>		<i>0,78</i>
<i>False positive (Determine)</i>	<i>2</i>		
<i>False negative (OraQuick)</i>		<i>2</i>	<i>8</i>
<i>Dubious reading (Determine)</i>	<i>2</i>		



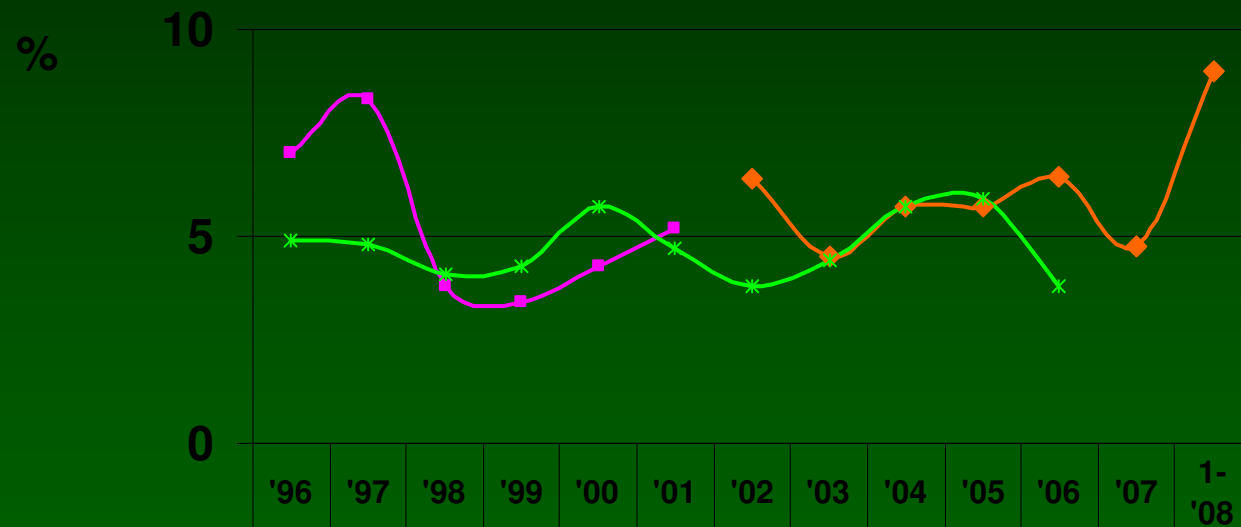
HIV+



HIV+ - Party drugs



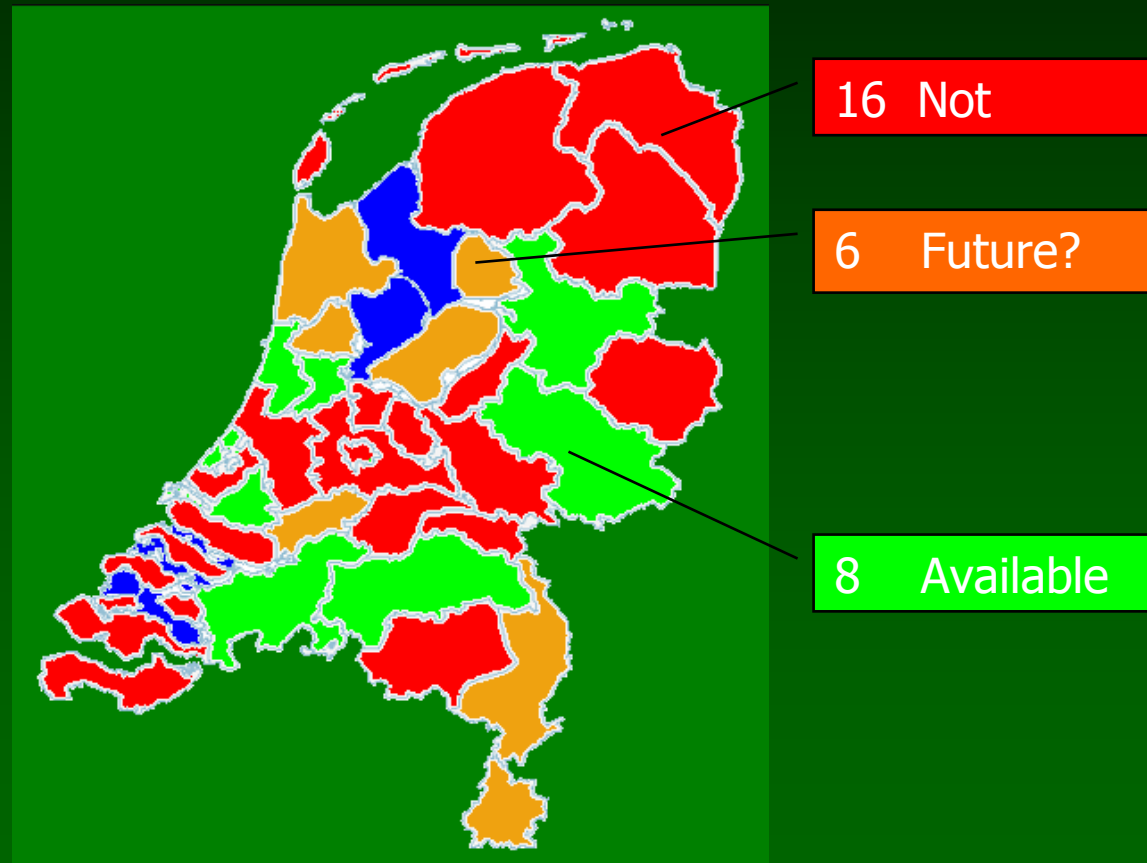
Incidence MSM Amsterdam



Weekend polyclinic	7	8.3	3.8	3.4	4.3	5.2							
Checkpoint							6.4	4.5	5.7	5.71	6.45	4.74	9
MHS STI clinic Amsterdam	4.9	4.8	4.1	4.3	5.7	4.7	3.8	4.4	5.7	5.92	3.82		



Rapid test in The Netherlands 2008



Rapid test in Europe 2008

Dialogai CHECKPOINT

Tests rapides & conseils gay-friendly
022 906 40 40

Dialogai CHECKPOINT

HIV TEST OG
COACHING
PÅ EN TIME

Bestil tid på 51 90 17 44, hverdage mellem 10 - 12
Eller kom forbi klinikken mandage mellem 16 - 20
Klinikken har åben fra mandag 5. november
på Amagerstræde 33, 4. Etage
Se mere på stopaids.dk

CheckPoint STOPAIDS

SI TE CUIDAS POR FUERA...
...CUIDATE TAMBIEN POR DENTRIN

VIIH / SÍFILIS
¡HAZTE LA PRUEBA!

SERVICIO GRATUITO, ANÓNIMO Y CONFIDENCIAL

bcn checkpoint

VIH/SIDA - ITS - SEXUALIDAD - HOMBRES - SALUD

BCN Checkpoint es un centro comunitario de detección del VIH y otras infecciones de transmisión sexual para hombres gay

Comte Baró, 164 (Metro Urgell)
08019 Barcelona
Tel.: 93 3182056

Helpcenter
voor seksuele gezondheid

Zürich CHECKPOINT

Ein Angebot der Zürcher Aids-Hilfe
in Kooperation mit der ARUJ Zürich

für männer, die es genau wissen wollen

checkpoint
münchen

Beratung zu sexuellen Risiken
und HIV-Test

FASTEST
Fast Accessible Simple

terrence
HIGGINS
TRUST

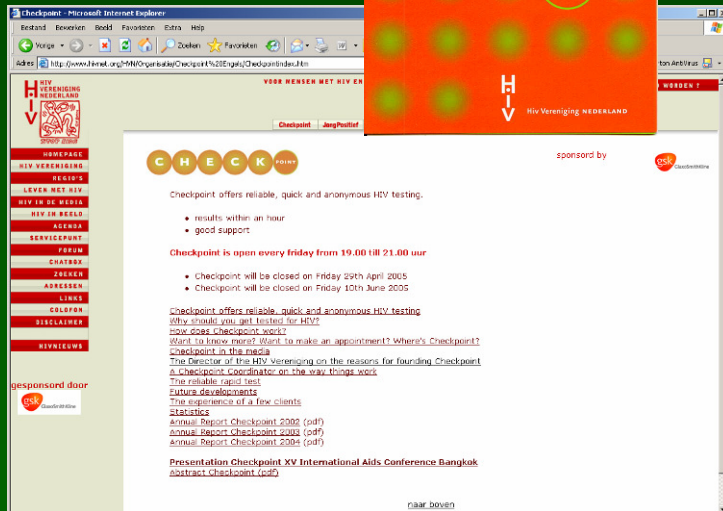
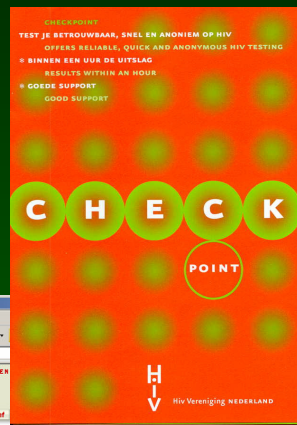


What works 1

MOTIVATING MSM



Promotion



MSM Hetero

- Internet
- Friends
- Magazines
- Municipal Health

26

54

29

19

12

2

6

9



Does rapid testing motivate MSM?

1. Main reason for 67% of MSM
2. 34% of MSM switch from conventional
→ rapid testing
3. Prevalence among Checkpoint MSM is higher than at Municipal Health Service
($p = 0.075$ in 2002)
4. Having to wait a week discourages people

Full abstract on: www.hivnet.org

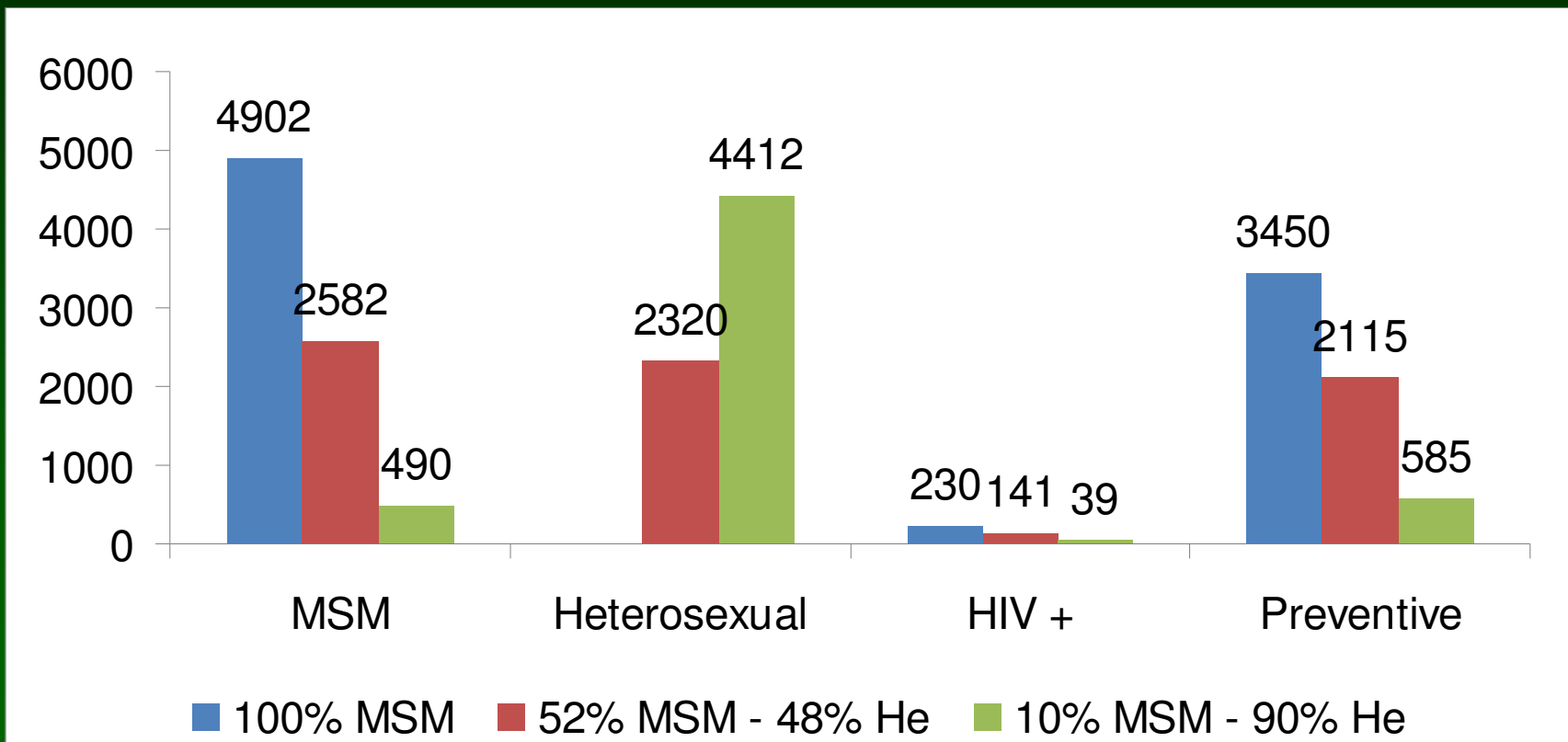


What works 2

MSM-PREFERENCED AGENDA



Why MSM agenda?



What works 3

EMAIL BASED SATISFACTION SURVEY



Satisfaction survey

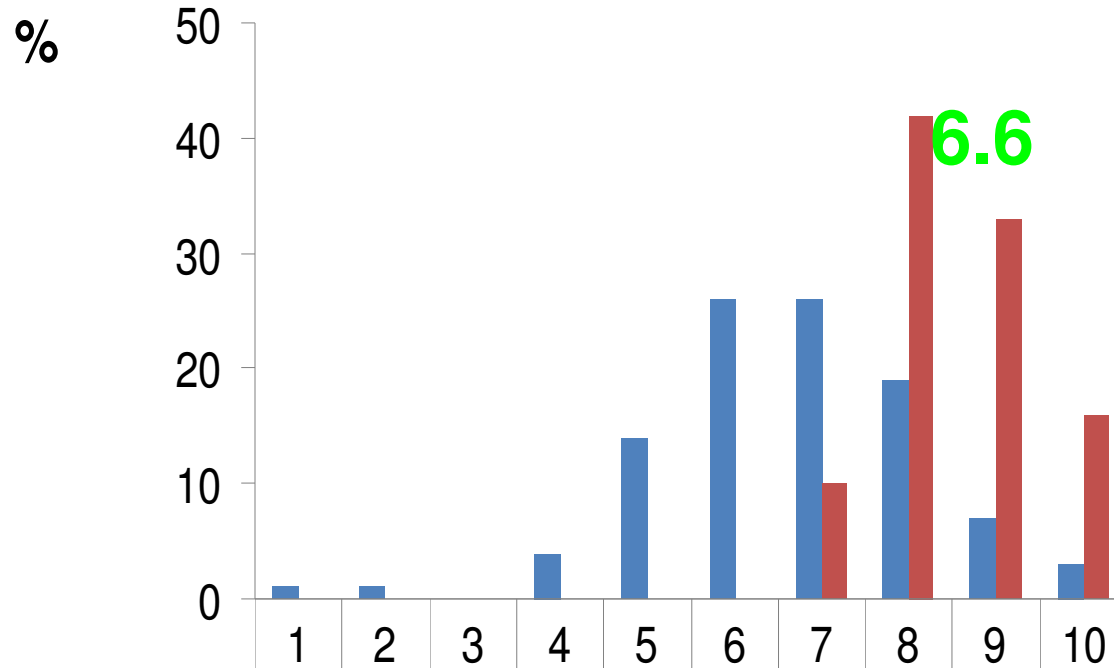
- By email
- 51% participants = high response
- Consequences for safer sex
- More frequent testing
- Need for further consultation



Results satisfaction survey

Figure

8.5



Elsewhere (n=148)

Checkpoint (n=275)



What works 4

INDICATION OF NO SHOWS



No shows – % Reason HIV test

	MSM (n=157)	Heterosexual (n=283)
Unsafe contact	37	51
Certainty about HIV status	29	29
Regular check	15	5
Repeat test (window period)	4	
New relation	3	5
Condom failure		1
Unsafe contact with HIV+	2	1
Partner HIV+	1	
Prostitution	1	
Other	4	3
Unknown	4	7

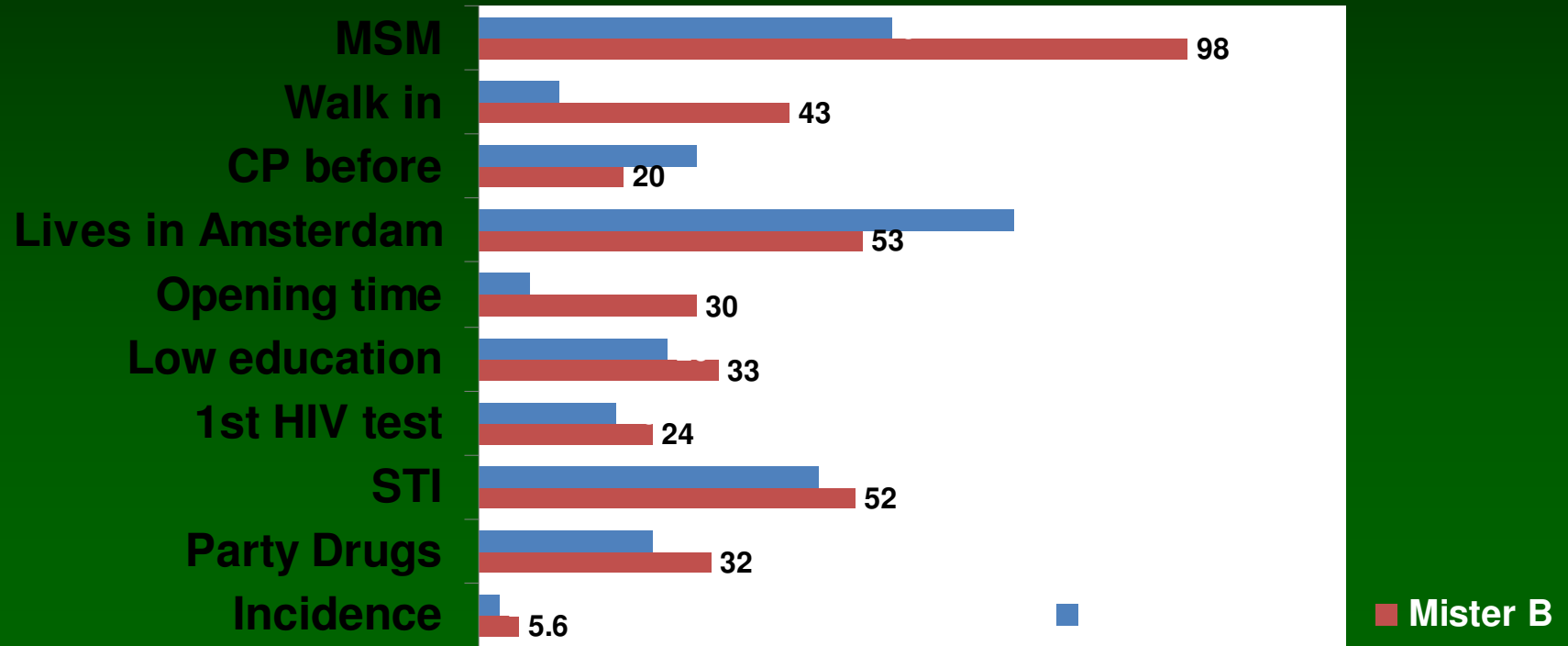


What works 5

OUTREACHING



Checkpoint Mister B



What works 6

ORAL FLUID



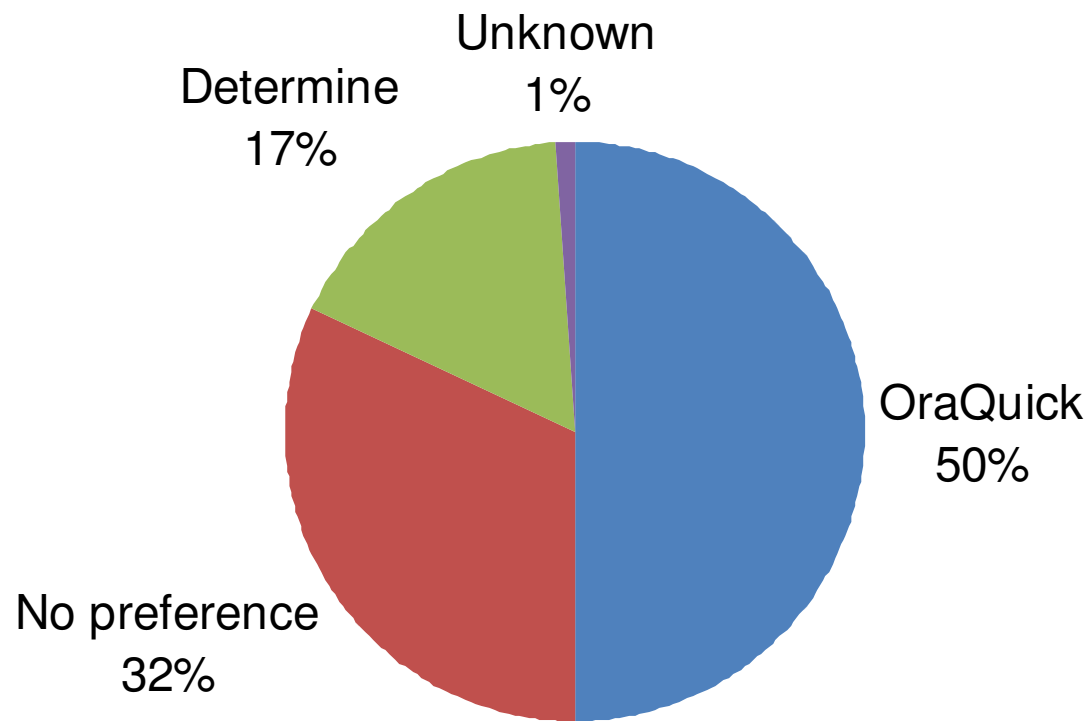
OraQuick[®] Advance Rapid Hiv 1/2



- Trial with 1000 OraQuick[®] Advance tests besides Determine[™]
- Preference clients
- Sensitivity 99.3%
- Specificity 99.8%



Preference Checkpoint client (N=1035)



Limit 1

NEGATIVE INFLUENCES



Negative influences

- Part of patients association (HVN)
- Volunteers vs professionals
- Disinterest of gay associations
- Preventive effect of fear?
- Dutch individualism, lack of cooperation
- NGO ... but also positive



Limit 2

FREE HEPATITIS B VACCINATION



Vaccination project

- Free vaccination project for MSM
- 50% MSM vaccinated
- Checkpoint vaccinates 50% of not-vaccinated MSM visitors

- Project does not attract MSM to go for hiv test



FUTURE



Characteristics self tester

- Young heterosexual men (29 years)
- Lives outside Amsterdam
- Low education
- Anonymous
- Wants 'Instant satisfaction'
- Bought on Internet

- *12% MSM prefers self test to rapid test (Monitor Survey 2000)*
- *Self tester prefers no counselling from doctor or nurse (Info MiraTes)*



Rapid tests: HIV – HBV – HCV – GO – Syphilis – Chlamydia – TBC ... become SELF tests!



Thanks to...



Checkpoint Volunteers

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Elly Lakerveld - Edwin van Leent - Andrea Looijer - Stan Van Loon - Mayke van Manen - Peter Nijboer
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Renske Wildeman - Arjan de Wit - Paul Wittens - Diana Wouters - Bauke Ylstra



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