

bcn checkpoint

HIV-AIDS ▪ STI ▪ SEXUALITY ▪ MEN ▪ HEALTH

BCN Checkpoint: 31% of the new HIV cases detected in a
Community-Based Center for MSM are recent infections

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Projecte dels NOMS-Hispanosida - www.bcncheckpoint.com

HepHIV2014 Conference

HIV and Viral Hepatitis: Challenges of Timely Testing and Care

Barcelona, 6 October 2014

Services

- HIV and Syphilis rapid testing
- Chlamydia, Gonorrhea and HCV testing **NEW!**
- Hepatitis A and B vaccination
- Peer counseling
- Referral to Public Health Centers
- Promoting Community Research

BCN Checkpoint

- National HIV Testing Day in Spain (2004), European HIV Testing Week (2013)
- Opened in 2006 as the first community-based center for detection of HIV and other STIs in Spain
- 2013: 5,062 HIV tests / 4,030 Men
- HIV Prevalence First Visit: 5,6%
- HIV Incidence (FU: 9.177,74 PY): 2,43 per 100 PY (95% CI: 2,13 – 2,77)
- 35% of all reported HIV cases among MSM in Catalonia are detected in BCN Checkpoint
- Linkage to Care: 98% (85% within 4 weeks)
- The intervention model of BCN Checkpoint has been replicated in several countries across Europe

Background

- Definitions:⁽¹⁾
 - ✓ Acute HIV infection is the phase of HIV disease immediately after infection during which the initial burst of viremia occurs (HIV RNA or p24 antigen are present, no antibodies)
 - ✓ Recent infection generally is considered the phase up to 6 months after infection during which anti-HIV antibodies are detectable
 - ✓ “Early HIV Infection” (EHI) is used to refer to either acute or recent HIV infection
- Despite increased HIV testing the number of reported HIV cases remain stable⁽²⁾
- ~38% of ongoing incident HIV infections are attributable to contact with an EHI index (95% CI: 19% - 58%)⁽³⁾

Objective

To assess the percentage of Recent Infections
in BCN Checkpoint

Method

Period: January 2006 – June 2014

Number of tests/persons: 25.602 / 12.314

Number of reactive tests: 912

False positives: - 26

Without confirmation: - 20

Number of positive results: 866

Have you done an HIV test before? Yes: 792 (91,5%)

No /n.a. 130 (8,5%)

Date last visit w. negative result available: 662 (83,6%)

Characteristics

Total positive results with date of previous visit: 662

Age groups	%	Origin	%
≤ 24 years	13,0	Spain	53,7
25 -34 years	50,3	Western Europe	12,4
35 - 44 years	29,3	Central - South America	28,6
≥ 45 years	7,4	Others	5,3

Results

Last HIV test with negative result < 6 months and < 12 months

Last test	n	%	Cum. n	Cum. %
< 6 months	211	31,9	211	31,9
6 ≤ months < 12	166	25,1	377	57,0
≥ 12 months	285	43,0	662	100,0
Total	662	100,0		

Results

Last HIV test with negative result < 6 months and < 12 months

Age groups (%)	All (n=662)	< 6 m. (n=211)	< 12 m. (n=377)	Origin (%)	All (n=662)	< 6 m. (n=211)	< 12 m. (n=377)
≤ 24 years	13,0	15,6	13,5	Spain	53,7	57,0	53,9
25 -34 years	50,3	45,5	48,9	Western Europe	12,4	8,5	11,2
35 - 44 years	29,3	30,8	30,2	Central - South America	28,6	30,3	30,6
≥ 45 years	7,4	8,1	7,4	Others	5,3	4,2	4,3

Discussion / Summary

- Of all cases detected in BCN Checkpoint 1/3 acquired HIV infection during the last 6 months and 6/10 during the last 12 months
- The biggest challenge in the gay community served by BCN Checkpoint is not so much to detect late presenters but to decrease the on-going new infections
- Early detection contributes to better care and quality of life for people diagnosed with HIV and to break the cycle of HIV transmission

Discussion / Summary

- Next steps for the detection of acute infections:
 - ✓ Campaign to test every 3 months in key populations

La prova del VIH

Tenir cura de la nostra salut
i aturar la transmissió del
VIH comença per nosaltres!

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Discussion / Summary

- Next steps for the detection of acute infections:
 - ✓ Campaign to test every 3 months in key populations
 - ✓ Incorporate test able to detect HIV RNA
 - ✓ Campaign to recognize symptoms of acute infection
- Start an open and frank discussion on the use, price and financing of PrEP for MSM in Europe

Acknowledgements

