

Partner notification among men who have sex with men newly diagnosed with HIV at the Public Health Service of Amsterdam

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Background

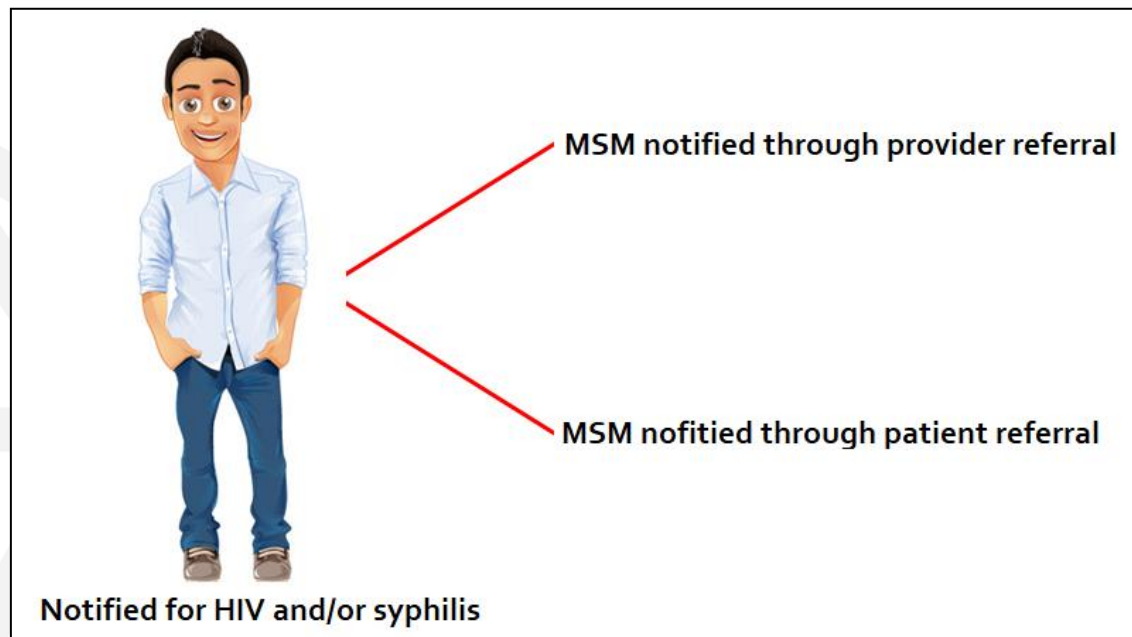
- Partner notification is an important way to find undiagnosed HIV infections
- Provider referral more effective than patient referral.

Objective

- To assess the association between provider referral and HIV diagnosis among men who have sex with men (MSM) who were not known to have HIV infection.

Methods

- Routine electronic patient file data from MSM visiting the STI clinic between May 2014 and September 2016



- Multivariable logistic regression model.

Results

- In 1,160 consultations MSM indicated they were notified for HIV and/or syphilis

HIV infection among MSM notified through patient referral (n=1,092)	31 (3%)
HIV infection among MSM notified through provider referral (n=68)	8 (12%)

- MSM notified through provider referral were more likely to be diagnosed with HIV – adjusted OR: 5.0 (95% CI 1.8-13.4, $p=0.001$)¹

1 Adjusted for

- Receptive condomless anal intercourse
- Number of sex partners in the previous six months
- Chlamydia and/or syphilis diagnosis
- Being notified for HIV

Conclusion

- MSM notified through provider referral were more likely to be diagnosed with HIV as compared to MSM notified through patient referral.
- Our analyses suggest that provider referral may be more effective than patient referral to find undiagnosed HIV infections.
- Enhancing provider referral for MSM newly diagnosed with HIV may potentially increase HIV case finding.

H-TEAM acknowledgements

Professor Joep Lange



Partners



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