

SEXUAL ACTIVITY COMBINATIONS PER SEX ACT WITH CASUAL MALE PARTNERS AMONG MEN WHO HAVE SEX WITH MEN

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Background

Multisite gonorrhoea infections are common in men who have sex with men (MSM)

We examined combinations of nine different sexual activities among MSM to understand the importance of the overlap of these activities during their most recent sex act with a casual male partner.

Methods

We collected survey data on sexual activities with most recent partner:

- 1) tongue-kissing
- 2) penises touching
- 3) mutual masturbation using saliva
- 4) performed rimming
- 5) received rimming
- 6) performed fellatio
- 7) received fellatio
- 8) insertive anal sex
- 9) receptive anal sex.



We created UpSet plots for combinations of nine sexual activities per act. Site-specific gonorrhoea positivity was calculated for each single activity

Results



Of 1542 men who had a casual partner, 166 (11%) engaged in all nine activities per act. Rimming and anal sex always occurred together (i.e., performing rimming with insertive anal sex; or receiving rimming along with receptive anal sex).

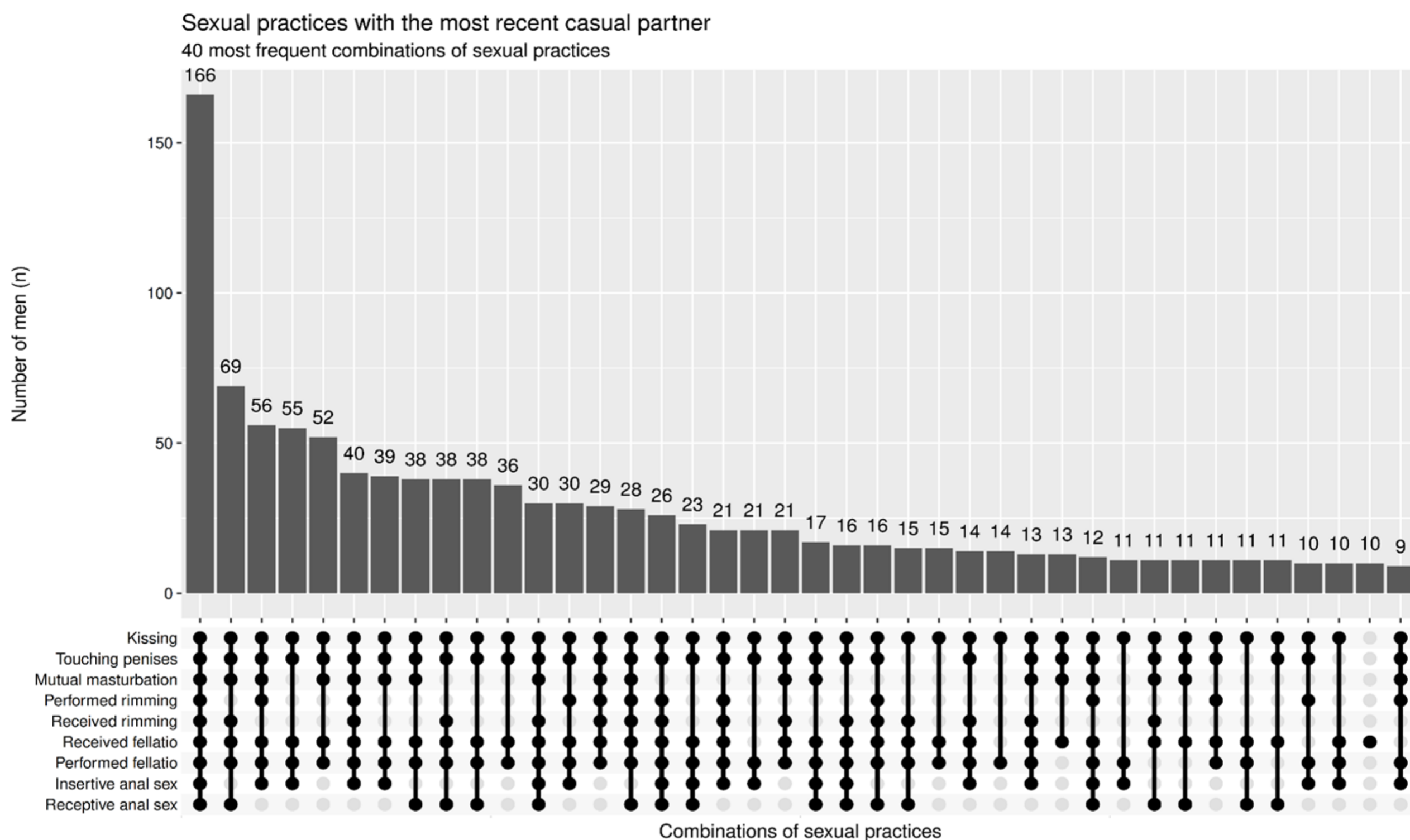


- Of the 767 who had insertive anal sex, 435 (56.7%) also performed rimming, 374 (48.8%) also received rimming, 732 (95.4%) also performed fellatio, and 639 (83.3%) also received fellatio
- Of the 722 men who had receptive anal sex, 281 (38.9%) performed rimming, 482 (66.8%) received rimming, 628 (87.0%) also performed fellatio, and 680 (94.2%) also received fellatio.

Conclusion

Sex between men makes understanding the transmission of *Neisseria gonorrhoeae* between anatomical sites during a sexual episode difficult. Understanding transmission is important to develop effective interventions.

Figure 1. UpSet plots of the most common combinations of sexual activities men engaged in per sex act



References

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