



Associations between HIV serostatus discussions, condom negotiations, and partnership contexts among MSM and TW in Lima, Peru



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Background

- Peruvian men who have sex with men and transgender women experience disproportionately high burdens of HIV and sexually transmitted infections (STIs).
- Sexual health communication may play a role in HIV/STI prevention

Objectives

- Identify contexts associated with sexual health communication
- Explore associations between types of sexual communication
- Determine how discussions relate to CAI

Methods

- 2017 Study: Combination HIV/STI Prevention
 - 446 MSM, 122 TW
- Socio-behavioral surveys:
 - Participant, partner characteristics
 - Communication patterns
 - Sexual practices
- Statistical Analysis: Generalized Estimating Equations

Results

Table 1: Participant and partnership contexts associated with HIV serostatus communication and CAI among MSM in Lima, Peru (MSM N = 446, partner N = 1285)

MSM	HIV serostatus communication
	aPR (95% CI)
Sexual Orientation/Gender Identity (Ref.: Heterosexual)	
Bisexual	0.35 (0.15,0.81)
Homosexual	0.28 (0.14,0.59)
Transgender	
Partner Type (Ref.: Stable)	
Casual	0.37 (0.25,0.54)
Anonymous	0.28 (0.17,0.46)
Commercial	0.47 (0.23,0.98)
Discussed HIV/STI prevention with close social contacts (Ref.: No)	2.18 (1.19, 4.02)

MSM	Condomless Anal Intercourse
	aPR (95% CI)
Alcohol Use (Ref.: No)	1.15 (1.03,1.29)
Condom use discussions (Ref.: No)	1.20 (1.04,1.37)



Table 2: Participant and partnership contexts associated with condom use discussions among TW in Lima, Peru (TW N = 122, partner N = 349)

TW	Condom use discussions
	aPR (95% CI)
Partnership Concurrency (Ref.: No)	2.27 (1.08,4.77)

Discussion & Conclusions

- Conversations about HIV serostatus or condom use were *infrequent* and *varied with participant and partner context*.
 - partnership type
 - sexual orientation
 - discussions with social contacts
 - partnership concurrency
 - Condom use discussions were associated with **more frequent** CAI among MSM.
- ➔Importance of context; gap between discussions & behaviors.

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