High prevalence of HIV among wives of men who have sex with men in India
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BACKGROUND
MSM in LMICs represents a vulnerable population with a high HIV burden. Significant proportion of MSM marry to satisfy socio-cultural needs, particularly since same-sex intercourse is punishable in several countries. HIV prevalence has been shown to be higher among married MSM compared to unmarried MSM.

METHODS
STUDY POPULATION
MSM who have not disclosed their status
1. 18 years of age or older
2. Provide verbal consent
3. Self-identify as MSM
4. Currently married
5. Wife not of MSM behavior

STUDY PROCEDURES
All participants provided consent prior to undergoing a survey and delivering to participants with pre- and post-test counseling. Care continuum outcomes were self-reported.

STUDY SITE
Convenience sample of participants were recruited via flyers posted at MSM and their wives were both consented and interviewed separately. HIV testing was performed on-site (three rapid tests) and results were delivered to participants with pre- and post-test counseling.

CONCLUSIONS
- Wives of MSM bear a higher burden of HIV infection despite low self-reported risk behavior. The strongest correlate of HIV infection among these wives was the HIV status of their husband (prevalence did not differ by whether the husband reported use of antiretroviral therapy [data not shown]).

Table 3. Characteristics of marital relationships

Figure 1. Study Sites
Figure 2. HIV Prevalence by age and study population
Figure 3. Correlates of HIV infection among wives of MSM in India

TABLE 1. Eligibility Criteria by risk-group

Table 2. Demographics and risk behaviors of undisclosed married MSM and disclosed married MSM and their spouses (n=448)

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