

Table S1. Knowledge of mpox and mpox vaccination among male sex workers in China

No.	Knowledge of mpox	Answers
1	Mpox spreads via person-to-person close contact	<b>Agree</b> Disagree
2	Reinfection of mpox can happen	<b>Agree</b> Disagree
3	Most mpox cases recover within weeks	<b>Agree</b> Disagree
4	Most mpox cases are HIV-positive	<b>Agree</b> Disagree
5	HIV-infected and HIV-uninfected mpox cases have similar clinical signs	<b>Agree</b> Disagree
6	HIV ART* may prevent mpox	<b>Agree</b> Disagree
7	Mpox infection has sequelae	<b>Agree</b> Disagree
8	MPXV is detectable in semen	<b>Agree</b> Disagree
9	MPXV is unlikely to have genetic mutations	<b>Agree</b> Disagree
10	Smallpox vaccine exists cross-protection against mpox	<b>Agree</b> Disagree
11	Smallpox vaccine has intensive protection against mpox	<b>Agree</b> Disagree
12	Mpox vaccination has side effects	<b>Agree</b> Disagree
13	Mpox vaccine is not suitable for pregnant women, people who have heart problems and skin conditions	<b>Agree</b> Disagree
14	Replicating mpox live attenuated vaccine is not suitable for HIV-infected individuals	<b>Agree</b> Disagree
15	High-risk groups should be prioritized when mpox supplies are low	<b>Agree</b> Disagree

Notes: \*ART means antiretroviral therapy. “Agree” as correct answer.

Table S2. Mpox-related questions and answers among male sex workers, in China.

No.	Questions	Answers
1	Ever heard of mpox:	No Yes
2	Paid attention to mpox outbreak information:	Always Never Often
3	Got mpox information from internet:	No

		Yes
4	Got mpox information from traditional media:	No
		Yes
5	China will become mpox endemic country:	No
		Yes
6	Ever heard of the smallpox vaccine:	No
		Yes
		No
7	Ever been vaccinated against smallpox:	Unsure
		Yes
8	Suitable for HIV-infected to get non-replicating smallpox live:	No
		Yes

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