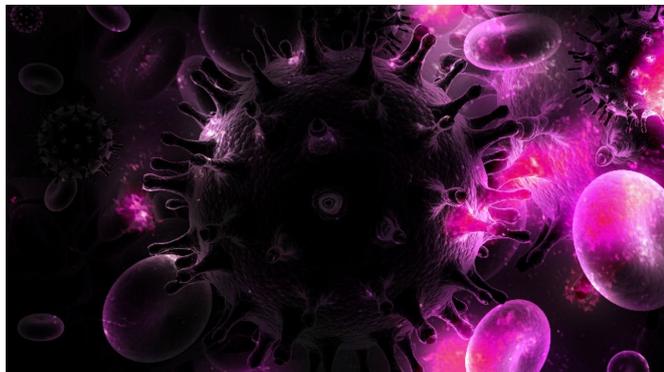


# Promoting HIV self-testing via text message to sex workers in Kenya

22 August 2018



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Across the globe, HIV prevalence among sex workers is estimated to be as much as 12 times that of the general population. In Kenya, HIV prevalence among sex workers is about 30 percent compared to 5.4 percent in the general population. A number of studies have found that bringing HIV self-testing to potential users can increase HIV testing rates among key populations such as sex workers.

Dr. Elizabeth Kelvin, Associate Professor of Epidemiology and Biostatistics at CUNY Graduate School of Public Health and Health Policy, led a study looking at whether announcing the availability of HIV self-test kits in a clinic system in Kenya via text message would bring more [female sex workers](#) to the participating clinics for HIV testing compared to the standard of care text message reminder about HIV testing in general. The study specifically targeted the text messages to those not already accessing HIV testing regularly. The findings were published in the journal *AIDS and Behavior*.

The study found that the [text](#) messages did increase testing rates among the sample of hard to

reach female [sex workers](#). Many participants found self-testing to be an attractive alternative to the standard provider-administered blood-based HIV test and came to the clinic upon learning of its availability, but a sizeable proportion of participants 40.3 percent still opted for the standard HIV test even when self-testing was an option. Thus, testing choices may be the key to maximizing HIV testing rates.

"Text message might be a low-cost way to announce the availability of HIV self-test kits as self-testing is rolled out over time in order to maximize the impact this new technology has on HIV testing rates."

**More information:** Elizabeth A. Kelvin et al. A Randomized Controlled Trial to Increase HIV Testing Demand Among Female Sex Workers in Kenya Through Announcing the Availability of HIV Self-testing Via Text Message, *AIDS and Behavior* (2018). [DOI: 10.1007/s10461-018-2248-5](https://doi.org/10.1007/s10461-018-2248-5)

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