EXPLORING HIGH-YIELD APPROACH TO HIV TESTING IN KENYA: CONTACT NOTIFICATION SERVICES

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RESULTS

Sexual partner notification and testing of contacts of index patients is an efficient, high-yield approach to identifying HIV-infected persons.

Newly-diagnosed patients are likely to have HIV-infected partners or children.

Key Words: HIV, Positivity, Index cases, Contacts

BACKGROUND

Study was conducted in 53 Hospitals in Lower Eastern Kenya targeting patients aged 15 years and above diagnosed with HIV between October 2016 and June 2017.

Sexual contacts with unknown HIV status and those with a negative status but not tested in the three months prior to the index testing were considered eligible for testing.

95% confidence intervals were reported but with no adjustment for facility clustering.

Z-test for difference in proportions and logistic regression analysis were used.

METHODS

Study was conducted in 53 Hospitals in Lower Eastern Kenya targeting patients aged 15 years and above diagnosed with HIV between October 2016 and June 2017.

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RESULTS

Index Clients Listed 1128

Contacts Elicited

Contacts Tested

HIV+ Contacts

Sexual Contacts 564

Eligible Clients 490

Children 1127

Eligible Clients 1097

329

CONCLUSION

Contact notification and testing had a high HIV-positive yield. If scaled up, the approach can reach networks of sexual contacts and children of index patients and accelerate achievement of the first 90 of the 90-90-90 cascade - identification of HIV-infected persons. Structures should be put in place to ensure all listed contacts are tested in a timely manner.

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