

# Euro HIV EDAT: HIV-testing using oral fluid samples and online communication of test results

Tom Platteau<sup>1</sup>, Cristina Agusti<sup>2</sup>, Eric Florence<sup>1</sup>, Mihai Lixandru<sup>3</sup>, Lieselot Ooms<sup>1</sup>, Laura Fernàndez-López<sup>2</sup>, Katrien Fransen<sup>1</sup>, Tine Vermoesen<sup>1</sup>, Victoria González<sup>2</sup>, Jordi Casabona<sup>2</sup>

<sup>1</sup>Institute of Tropical Medicine, Antwerp, Belgium, <sup>2</sup>CEEISCAT, Badalona, Spain; <sup>3</sup>ARAS, Bucarest, Romania

## Background

Targeted HIV-testing is crucial in reducing the numbers of infections in Europe. Throughout Europe, several strategies have been developed and implemented to increase HIV-testing uptake, among them the “Swab2know” project.

## Objectives

In this project, we aim to assess the acceptability and feasibility of outreach and online HIV testing on oral fluid samples, and web based delivery of test results via [www.swab2know.eu](http://www.swab2know.eu)



## Methods

Within the Euro HIV EDAT consortium, 3 partners implemented the strategy in 2016: Institute of Tropical Medicine (Belgium), CEEISCAT (Spain), and ARAS (Romania).

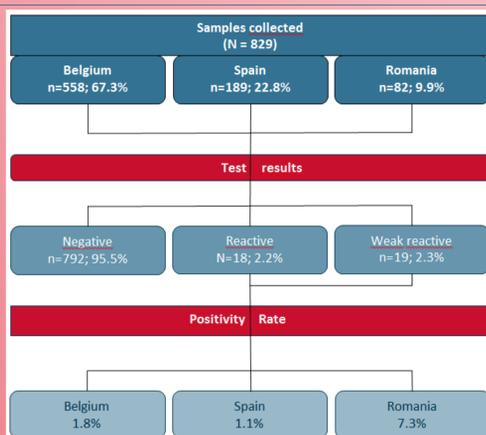
Targeted populations are men who have sex with men (MSM), migrant populations (MIG), female sex workers (FSW) and male sex workers (M\$M).

Samples are collected via outreach and online sampling.

Test results are communicated through a secured website: [www.swab2know.eu](http://www.swab2know.eu).

HIV-test is executed in the laboratory. Each reactive sample needed to be confirmed using state-of-the-art confirmation procedures on a blood sample. Close follow-up of participants who don't pick up their result, or those with a reactive result, is included in the protocol.

## Results



Between 01/01/2016 and 30/09/2016, 829 HIV-tests are executed.

Samples collected: outreach (n=411; 49.6%), online (n=418; 50.4%).

The majority of samples were collected among MSM (645; 77.8%), followed by MIG (116; 14.0%), M\$M (39; 4.7%) and FSW (29; 3.5%).

## Conclusions

Despite a high yield and a considerable number of false reactive results, positivity rate in all participating centers remains above 0.1%, the consensus for cost-effectiveness of HIV-testing programs.

The project helped us to reach the target population in (1) numbers of tests executed, and (2) newly diagnosed HIV infections.

In 2017, Aids Fondet Denmark, Legebitra Slovenia, GAT Portugal will implement the project's strategy.

Further optimization should be considered in the accuracy of the test, the functionalities of the website, and study the cost-effectiveness of the methodology.



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