

The effect of a special training programme on early detection of signs of HIV infection in the mouth by community health workers (CHW) in Nairobi East District in Kenya: A randomised controlled trial.

No registrations found.

Ethical review	Positive opinion
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON23973

Source

Nationaal Trial Register

Health condition

Oral HIV related lesions, OPC, community mobilization

Dutch: orale leasie, hiv infectie, OPC, gezondheidswerkers

Sponsors and support

Primary sponsor: Radboud University Nijmegen Medical Centre, Department of Global Oral Health

Source(s) of monetary or material Support: NUFFIC, The Netherlands

Intervention

Outcome measures

Primary outcome

Final assessment:

1. Change in community health workers' knowledge on oro-facial lesions (knowledge testing);
2. Change in referral rates for HIV testing to the HF (clinical effect).

Secondary outcome

N/A

Study description

Background summary

HIV related oro-facial lesions are typical in their clinical appearance and should be detected by community members. These lesions are painful and may compromise eating and swallowing.

Besides being clinical markers of antiretroviral therapy failure and HIV disease progression, some of the lesions appear in the early stages of HIV infection and could be an early warning sign of HIV infection.

Although nearly 90% of HIV-infected people are likely to develop these lesions in the course of HIV infection, many patients do not seek care help in health facilities (HFs) because of stigmatisation and lack of information on available care.

A training program for community health workers (CHWs) in recognition of HIV related oro-facial lesions and referral of patients to the HF could effectively influence oral health seeking behaviour of the community. The effect of the CHW training program will be tested in the community health strategy setting in Nairobi East district in Kenya.

Methods/design:

This will be a pragmatic trial using a pre- test – pos- test - control group study design in 2

remote administrative health districts, namely i.e., Njiru and Makadara. 400 CHWs from community units linked to 4 HFs in each district will participate. Allocation was by change.

Training of the CHWs:

CHWs will be trained in the test division to improve their knowledge and competences in:

1. Recognition of various oral HIV lesions;
2. Community mobilization and referral of patients from the community;
3. Use of CHS data tools.

A pre-test assessment will be administered to both CHW groups to test their knowledge and for comparability of the two groups.

Study objective

The aim of this study is to develop and evaluate a training program for CHWs in early detection or recognition of HIV suspected oro-facial lesions and to build their capacity and skill in mobilizing the community on HIV suspected oro-facial lesions.

We also aim to evaluate the effect of community mobilization on the rates of facility based HIV testing as well as for highly active anti-retroviral therapy (HAART) failing patients to report back to the health facility (HF) for further care.

Study design

1. Change in knowledge after 3, and 6 months;
2. Change in referral rates to the HF after 3, and 6 monthsa.

Intervention

Intervention group:

Group training (8 hrs) in:

1. Recognition of oro-facial -hiv related- lesions;
2. Community mobilization techniques;
3. Using information education and communication (IEC) material;
4. Record keeping.

In addition, reminder sessions after 2 and 4 months are planned.

Contacts

Public

PO Box 9101
Wil J.M. Sanden, van der
Radboud University Nijmegen Medical Centre
College of Oral Science
Department of Global Oral Health
Nijmegen 6500 HB
The Netherlands

Scientific

PO Box 9101
Wil J.M. Sanden, van der
Radboud University Nijmegen Medical Centre
College of Oral Science
Department of Global Oral Health
Nijmegen 6500 HB
The Netherlands

Eligibility criteria

Inclusion criteria

Community health workers in Nairobi, Njiru Division (i.e., Dandora 1, Dandora 2, Njiru and Ruai), and Makadara Division, (i.e., Kaloleni, Lungalunga, Remand and Police Band), Kenya.

Exclusion criteria

All other health service providers in Nairobi, Kenia.

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Placebo

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	01-02-2011
Enrollment:	400
Type:	Anticipated

Ethics review

Positive opinion	
Date:	13-01-2011
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL2572
NTR-old	NTR2697
Other	NUFFIC : C&B-NFP-PHD.10/110

Register

ISRCTN

ID

ISRCTN wordt niet meer aangevraagd.

Study results

Summary results

N/A