

# Routine human immunodeficiency virus (HIV) screening for sexually transmitted infection (STI) patients in Cape Town, South Africa

<b>Submission date</b> 14/05/2009	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 31/07/2009	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 18/12/2017	<b>Condition category</b> Infections and Infestations	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

## Study information

**Scientific Title**

The impact of provider-initiated (opt-out) human immunodeficiency virus (HIV) testing and counselling of sexually transmitted infection (STI) patients in Cape Town, South Africa: a controlled trial

### **Study objectives**

Does provider-initiated human immunodeficiency virus (HIV) testing and counselling increase HIV test uptake amongst new sexually transmitted infection (STI) patients in an operational, primary health care setting?

### **Ethics approval required**

Old ethics approval format

### **Ethics approval(s)**

1. University of Cape Town, Health Sciences Faculty Research Ethics Committee approved on the 27th July 2007 (ref: 295/2007)
2. City Health Department letter of permission to do operational research dated 17th May 2007

### **Primary study design**

Interventional

### **Study design**

Non-randomised cluster controlled multicentre trial

### **Study type(s)**

Screening

### **Health condition(s) or problem(s) studied**

Human immunodeficiency virus (HIV)

### **Interventions**

Provider-initiated (opt-out) HIV testing and counselling (PITC) provided by STI nurses as compared to the standard voluntary counselling and testing provided by lay counsellors. PITC was implemented for 18 months from April 2006 to Dec 2007. Routine data from the VCT register and the Routine Monthly Report was collected retrospectively for 6 months from April 2007 to December 2007.

### **Intervention Type**

Other

### **Phase**

Not Applicable

### **Primary outcome(s)**

1. HIV testing rates of new STI patients for a 6-month period from Jan 2007 to June 2007
2. Number of new STI patients who tested for HIV divided by total number of new STI patients treated

### **Key secondary outcome(s)**

1. The rate of providers offering the HIV test or pre-counselling patients (irrespective of whether they accept the test or not). Number of new STI patients offered the HIV test

/counselled divided by the total number of STI patients treated.

2. The rate of patients declining the offer of testing. Number of new STI patients not tested for HIV divided by the total number of new STI patients treated.

3. The variability of outcome measures between the clinics. Statistical comparison of the range of clinic outcomes between the intervention and control groups to check for variance.

**Completion date**

30/12/2007

## Eligibility

**Key inclusion criteria**

1. Primary health care, public sector clinics
2. Geographical location-one clinic per sub-district in Cape Town
3. Clinics providing STI treatment for more than 30 new STI patients a month
4. Clinics with an average nurse:patient ratio
5. All patients assessed for a new episode of sexually transmitted disease at participating public sector primary care clinics. Male and female, mainly adults of reproductive age, but no age limit to who gets treated at the clinics.

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Other

**Sex**

All

**Key exclusion criteria**

1. Clinics providing an exclusive STI treatment service (not as part of a general primary health care package)
2. Clinics where other research is being conducted that may influence the outcome

**Date of first enrolment**

01/04/2006

**Date of final enrolment**

30/12/2007

## Locations

**Countries of recruitment**

South Africa

**Study participating centre**  
**Health Systems Research Unit**  
Cape Town  
South Africa  
7505

## Sponsor information

### Organisation

The Medical Research Council of South Africa (MRC) (South Africa)

### ROR

<https://ror.org/05q60vz69>

## Funder(s)

### Funder type

Research council

### Funder Name

Department of Science and Technology and The Medical Research Council of South Africa (MRC) (South Africa) - Health Systems Research Unit (ref: 3255)

## Results and Publications

### Individual participant data (IPD) sharing plan

### IPD sharing plan summary

Not provided at time of registration

### Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results on impact of provider-initiated (opt-out) HIV testing	30/01/2010		Yes	No
<a href="#">Results article</a>	results on Implementing a provider-initiated testing and counselling (PITC) intervention	26/08/2013		Yes	No
<a href="#">Results article</a>	results on A comparison of linkage to HIV care after provider-initiated HIV testing and counselling (PITC) versus voluntary HIV counselling and testing (VCT)	18/08/2014		Yes	No