

Male circumcision to reduce human immunodeficiency virus (HIV) incidence in Kenya

Submission date
01/09/2005

Recruitment status
No longer recruiting

☐ Prospectively registered

☐ Protocol

Registration date
01/09/2005

Overall study status
Completed

☐ Statistical analysis plan

☒ Results

Last Edited
26/02/2009

Condition category
Infections and Infestations

☐ Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

ClinicalTrials.gov (NCT)

NCT00059371

Protocol serial number

MCT-44180

Study information

Scientific Title

A randomised, controlled trial of male circumcision to reduce human immunodeficiency virus (HIV) incidence in Kisumu, Kenya

Acronym

UNIM

Study objectives

1. To assess the effectiveness of male circumcision in reducing human immunodeficiency virus (HIV) incidence among young men in Kisumu, Kenya
2. To evaluate any adverse clinical effects of the circumcision procedure
3. To evaluate differences in sexual behaviour, perceptions of sexual function and sexual pleasure between men who are uncircumcised and circumcised
4. To evaluate the biological mechanisms by which presence of the foreskin increases HIV susceptibility

Ethics approval required

Old ethics approval format

Ethics approval(s)

Research Ethics Boards of:

1. Biomedical Research Ethics Board, University of Manitoba approved on the 20th March 2001
2. Kenyatta National Hospital approved on the 26th March 2001

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Prevention

Health condition(s) or problem(s) studied

Human immunodeficiency virus (HIV)

Interventions

Male circumcision (surgical removal of prepuce) versus no circumcision.

Intervention Type

Other

Phase

Not Applicable

Primary outcome(s)

HIV seroconversion

Key secondary outcome(s))

1. Incidence of sexually transmitted infections
2. Sexual behaviour change
3. Complications of the circumcision procedure

Completion date

31/10/2007

Eligibility

Key inclusion criteria

Participating men must be:

1. Uncircumcised
2. Sexually active
3. Aged 18 - 24 years inclusive
4. Resident in Kisumu district with no plans to move away for the duration of follow-up
5. Agreeable to returning for follow-up as required by the study protocol, including periodic HIV testing

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 years

Sex

Male

Key exclusion criteria

Men are excluded if they are:

1. Circumcised
2. Sexually active
3. Outside the indicated age range
4. Not resident in Kisumu or surroundings, or unlikely to remain there for the follow-up period
5. Unwilling to conform to the follow-up protocol
6. Having haemophilia or other bleeding disorders, or other medical conditions for which a surgical procedure is contra-indicated

Date of first enrolment

01/02/2002

Date of final enrolment

31/10/2007

Locations

Countries of recruitment

Canada

Kenya

Study participating centre

University of Manitoba

Winnipeg, Manitoba

Canada

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Sponsor information

Organisation

University of Manitoba (Canada) - Department of Medical Microbiology

ROR

<https://ror.org/02gfys938>

Funder(s)

Funder type

Research organisation

Funder Name

Canadian Institutes of Health Research (CIHR) (Canada) - <http://www.cihr-irsc.gc.ca> (ref: MCT-44180)

Funder Name

National Institutes of Health (USA)

Alternative Name(s)

US National Institutes of Health, Institutos Nacionales de la Salud, NIH, USNIH

Funding Body Type

Government organisation

Funding Body Subtype

National government

Location

United States of America

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	24/02/2007		Yes	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes