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Integrated human immunodeficiency virus (HIV)-sexually transmitted infections (STI) risk reduction intervention program among youths

Submission date	Recruitment status	[_] Prospectively registered
03/02/2010	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
26/02/2010	Completed	[_] Results
Last Edited	**Condition category**	[_] Individual participant data
26/02/2010	Infections and Infestations	[_] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
001

Study information

Scientific Title

Human immunodeficiency virus (HIV)-sexually transmitted infections (STI) risk reduction program among undergraduate students at a Northern Nigerian University: a randomised controlled field trial

Acronym
IHSRIPY

Study objectives
1. The intervention group will show greater increase in human immunodeficiency virus (HIV)-related and sexually transmitted infection (STI) knowledge immediately post-intervention and during follow up assessments than the control group
2. The intervention group will report greater reduction in HIV-related and STI related risk behaviours at follow up assessments than the control group
3. The intervention group will exhibit higher increase in positive attitude scores towards HIV and STI prevention immediately post-intervention and during follow up assessments than the control group
4. The intervention group will show higher increase in positive HIV-related stigma score immediately post-intervention and during follow up assessments than the control group

Ethics approval required
Old ethics approval format

Ethics approval(s)
1. Malaysia: Human Research Ethics Committee, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, approved on 6th June 2008
2. Nigeria: Human Research Ethics Committee, Ahmadu Bello University Zaria approved on 14th July 2008

Study design
Randomised controlled field trial

Primary study design
Interventional

Study type(s)
Prevention

Health condition(s) or problem(s) studied
Human immunodeficiency virus (HIV), acquired immune deficiency syndrome (AIDS), sexually transmitted infections (STI)

Interventions
A randomised controlled field trial design to investigate the impact of an HIV-STI intervention program on participants' HIV- and STI-related knowledge, sexual risk behaviours, attitudes towards HIV and STI prevention, and disentanglement of stigma. Participants were randomised to either the intervention group or the control group. An 8-hour integrated HIV-STI prevention program comprising of four structured modules was developed and delivered to the intervention group, while the control group received another 8-hour program on career

development. Two-way repeated measure ANOVA was applied to assess the effectiveness of the intervention. The outcome measures were assessed at baseline, immediately post-intervention, at 3 months and 6 months post-intervention for both arms.

Contact details of joint sponsor:
Ahmadu Bello University, Zaria (Nigeria)
Department of Community Medicine
Faculty of Medicine
P.M.B 09, Samaru Zaria
Nigeria

Intervention Type
Other

Phase
Not Applicable

Primary outcome(s)
1. HIV-related and STI knowledge at baseline, 3 and 6 months post-intervention
2. HIV-related and STI risk behaviours at baseline, 3 and 6 months post-intervention
3. HIV-related and STI attitude at baseline, 3 and 6 months post-intervention
4. HIV-related stigma at baseline, 3 and 6 months post-intervention

Key secondary outcome(s))
Evaluation of the effectiveness of a school-based risk-reduction intervention program on behavioural risk factors for HIV and STI. Assessed at baseline, immediate post-intervention (except sexual risk behaviors and number of partners), 3 and 6 months post-intervention.

Completion date
01/03/2009

Eligibility

Key inclusion criteria
1. Bonafide student of Ahmadu Bello University
2. Aged less than 25 years, either sex
3. Single
4. Students willing to complete the 6-month planned follow-up assessment

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Sex
All

Key exclusion criteria
1. Students with documented mental, emotional, or cognitive problem identified by self-reporting or information from the students' department
2. Students in final year of their study

Date of first enrolment
01/09/2008

Date of final enrolment
01/03/2009

Locations

Countries of recruitment
Malaysia

Nigeria

Study participating centre
Department of Community Medicine
Serdang
Malaysia
43400

Sponsor information

Organisation
Universiti Putra Malaysia (Malaysia)

ROR
https://ror.org/02e91jd64

Funder(s)

Funder type
Other

Funder Name
Investigator intiatied and funded (Nigeria)

Funder Name
Ahmadu Bello University, Zaria (Nigeria) - logistical support only

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes