

South Africa - DREAMS Impact Evaluation Project-Nested Cohort-Follow Up Round 02

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Overview

Identification

ID NUMBER

AHRI.DREAMS.Nested.Cohort.Follow-Up.Round.02

Version

VERSION DESCRIPTION

V2.0.0

Overview

ABSTRACT

The main aim of this study is to evaluate the impact and effectiveness of the scale up of the DREAMS HIV prevention package of biological, behavioural and social interventions in reducing HIV incidence in adolescent girls and young women residing in the uMkhanyakude district of KwaZulu-Natal. To achieve this aim, the changes in different outcomes will be assessed over time in relation to DREAMS roll-out. The primary outcome will be HIV incidence and other key secondary outcomes will include knowledge of own HIV status, sexual debut, HSV-2, number of sexual partners, age-disparity with sexual partners, ever been pregnant, condom use, unmet need for contraception, transactional sex, education (remaining in school) and experiences of violence.

KIND OF DATA

Longitudinal survey data

UNITS OF ANALYSIS

Individual

TOPICS

Topic	Vocabulary	URI
HIV prevention; Interventions; Adolescents; Young people; Sexual health; Population Surveillance; Rural Population; HIV Infections; Africa	Africa Health Research Institute	www.ahri.org

KEYWORDS

DREAMS nested cohort; sexual history; Adolescent Girls and Young Women (AGYW); GEMS scale; HIV testing; Partnership loop

Coverage

GEOGRAPHIC COVERAGE

Demographic surveillance area of the Africa Health Research Institute; KwaZulu-Natal, uMkhanyakude district.

UNIVERSE

A planned closed cohorts of 800 AGYW will be followed prospectively at three time points over the two-year study period - baseline, 12 months and 24 months - at points closest aligned with periods before, during and after DREAMS implementation. In ACDIS cohorts of 400 girls aged 13-17 years and 400 young women aged 14-23 years will undergo informed consent, recruited undergo a baseline questionnaire and provide dry blood spots for HSV2 at the same time they provide a sample for the HIV testing in the surveillance and then reviewed annually for the next two years.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Dr Maryam, Shahmanesh	Africa Health Research Insitute

OTHER PRODUCER(S)

Name	Affiliation	Role
Africa Health Research Institute		

FUNDING

Name	Abbreviation	Role
Bill & Melinda Gates Foundation (BMGF)	BMGF	Impact Evaluation of PEPFAR funded DREAMS interventions

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Jaco Dreyer	Africa Health Research Institute	Data management, cleaning and analysis
Nondumiso Mthiyane	Africa Health Research Institute	Data management, cleaning and analysis

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Africa Health Research Institute	AHRI		

DDI DOCUMENT ID

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Sampling

Sampling Procedure

This is a closed cohort of AGYW who were enrolled in 2017 (aged 13-22) being followed up in 2018 aged 14-23 who were residents in the demographic surveillance area of the Africa Health Research Institute. A total of 3013 participants were randomly selected to obtain a target sample size of 800 after 2 years of follow-up, allowing for 40% non-contact/loss-to-follow-up. Sampling was stratified by age group and area (week-blocks).

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2019-06-12	2019-09-15	N/A

Data Processing

Data Editing

All data will be managed using electronic data management tools. The data management system for these will be based on REDCap (research electronic data capture) developed at Vanderbilt University. The REDCap database resides within a single MySQL database server within a secure server cluster at the AHRI. Survey data are synchronised by the REDCap application from the mobile device to a central MySQL server. Access control is managed through Microsoft Active Directory with minimum password complexity and compulsory password change policies.

Data Appraisal

No content available

Documentation

Technical documents

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