

South Africa - DREAMS-Multilevel Follow Up 01

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Overview

Identification

ID NUMBER

AHRI.DREAMS.Multilevel.FollowUp-01

Version

VERSION DESCRIPTION

V2.0.0

Overview

ABSTRACT

This study seek to arrest the HIV epidemic and its negative impact on young people in SSA communities by improving the uptake, retention and adherence of multi-level combination HIV prevention by AGYW and male partners. Specifically, the interventions supported by PEPFAR's Determined, Resilient, Empowered, AIDS free, Mentored, and Safe (DREAMS) program. Our central hypothesis is that effective uptake and retention of interventions by young people requires activation of interpersonal, family and community-level networks to support tailored and adaptive intervention delivery.

The aims of the study are:

- To quantify how multiple levels of social dynamics interact to predict uptake of multilevel interventions
- To determine how individuals life-course transitions and exposure to DREAMS impacts on retention

KIND OF DATA

Educational and nutritional status, general health, sexual behaviour and relationships, DREAMS awareness and uptake, MTV Shuga exposure, Mobility and other risky behaviours and HSV-2 test results

UNITS OF ANALYSIS

Unit of analysis is participants

TOPICS

| Topic | Vocabulary | URI |
|---|----------------------------------|--|
| HIV-1; Incidence; Phylogeny; Epidemics; Population Surveillance; Rural Population; HIV Infections; Africa | Africa Health Research Institute | www.ahri.org |

KEYWORDS

DREAMS, multilevel, young people

Coverage

GEOGRAPHIC COVERAGE

South Africa

UNIVERSE

Effectiveness of this multi-level approach to HIV prevention will depend on the reach, uptake and retention of each component by AGYW and their male partners. Our analytic sample will be all male partners (men aged 15-29), residing in the AHRI surveillance area. There are 14,600 age-eligible men; we expect 58% to be resident and participate in the annual surveillance.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

| Name | Affiliation |
|-----------------------|----------------------------------|
| Dr Maryam, Shahmanesh | Africa Health Research Institute |
| | |
| | |

OTHER PRODUCER(S)

| Name | Affiliation | Role |
|----------------------------------|-------------|------|
| Africa Health Research Institute | | |
| | | |

FUNDING

| Name | Abbreviation | Role |
|--|--------------|---------------------------|
| South African Medical Research Council | SAMRC | Genotyping funding source |
| | | |

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 |
| Wilkinson Eduan | KwaZulu-Natal Research Innovation Sequencing Platform | Cleaned, aligned and help analyse the sequence data |
| | | |
| | | |

Metadata Production

METADATA PRODUCED BY

| Name | Abbreviation | Affiliation | Role |
|----------------------------------|--------------|-------------|------|
| Africa Health Research Institute | AHRI | | |
| | | | |

DDI DOCUMENT ID

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Sampling

Sampling Procedure

Participants were randomly selected from a southern part of AHRI surveillance area, stratified by age, sex and week-block. A target sample size was 2500 males aged 13-35 and 500 females aged 24-29 years.

Questionnaires

No content available

Data Collection

Data Collection Dates

| Start | End | Cycle |
|--------------|------------|--------------|
| 2019-09-19 | 2020-01-29 | N/A |

Data Processing

Data Editing

HSV-2 specimens were processed at AHRI Durban-based laboratory

Data Appraisal

No content available

Documentation

Technical documents

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