

South Africa - cRCT of Long-acting PrEP Integrated with Community-based Sexual Health (LAPIS) – HIV self-testing survey

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Identification

SURVEY ID NUMBER

AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

TITLE

cRCT of Long-acting PrEP Integrated with Community-based Sexual Health (LAPIS) - HIV self-testing survey

COUNTRY

Name	Country code
South Africa	ZA

ABSTRACT

Long-acting HIV Pre-Exposure Prophylaxis integrated with community-based sexual and reproductive health in South Africa (LAPIS): A hybrid (1a) cluster randomised controlled phase 3B trial of effectiveness and implementation. Offering a choice of long-acting PrEP, such as the 2 monthly injectable cabotegravir (CAB LA) within the community-based delivery of SRH integrated with oral PrEP, post-exposure prophylaxis, and dapivirine vaginal ring will overcome the uptake, adherence, and retention challenges of oral PrEP and lead to a population-level effect on sexually transmissible HIV. Young men and women aged 15-30 years from the 40 administrative clusters in the uMkhanyakude district who attend any integrated SRH/HIV service are eligible for enrolment.

Study Aim: To evaluate how HIV self-testing can support the safe decentralisation of PrEP choice, including two-monthly injectable cabotegravir, within community-based PrEP and SRH service delivery among adolescents and young people, and its potential to address initiation and retention.

KIND OF DATA

HIV self-testing interview

UNIT OF ANALYSIS

PrEP cohort participants.

Version

VERSION DESCRIPTION

v1.0.0

Scope

TOPICS

Topic	Vocabulary	URI
Adolescents; young adults; HIV infections/prevention & control; South Africa/epidemiology; sexual health; PrEP; HIV prevention	Africa Health Research Institute	www.ahri.org

KEYWORDS

Keyword	Vocabulary	URI
STI, HIV prevention.	Africa Health Research Institute	www.ahri.org

Coverage

GEOGRAPHIC COVERAGE

Health and demographic surveillance site in the rural KwaZulu-Natal.

UNIVERSE

Long-acting HIV Pre-Exposure Prophylaxis integrated with community-based sexual and reproductive health in South Africa (LAPIS): A hybrid (1a) cluster randomised controlled phase 3B trial of effectiveness and implementation. About 26,000 15-30 AYAs from 40 geographical areas (clusters) residing in the 40 clusters of the uMkhanyakude District in rural KwaZulu Natal are eligible to receive "LAPIS" intervention. Of these, ~20% are at risk of HIV acquisition and would benefit from PrEP and STI clinical management. The unit of randomisation is the administrative area supported by a pair of peer navigators: 40 administrative areas are randomised to receive the intervention.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Prof. Maryam Shahmanesh	Africa Health Research Institute
Dr. Limakatso Lebina	Africa Health Research Institute

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Bill and Melinda Gates Foundation	BMG	Funder
ViiV Healthcare	ViiV	Donor

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Jaco Dreyer	Africa Health Research Institute	Data management, cleaning
Eva Ssozi	Africa Health Research Institute	Data management, cleaning

Sampling

SAMPLING PROCEDURE

- Acceptability and feasibility of HIV self-testing (HIVST)

Data collection

DATES OF DATA COLLECTION

Start	End
2025-01-01	2026-01-31

Data Processing

DATA EDITING

The data collected and captured on REDCap was uploaded to a MySQL database server within AHRI's secure server cluster.

Access policy

ACCESS CONDITIONS

Access to the data requires accurate completion of the online data access application form accessible on the AHRI Data repository(<<https://data.ahri.org/>>). Data users are required to abide by the data use conditions stipulated on the application for access to the data. Failure to do so may result in their data access privileges being revoked by the Data Custodian. In order to recognise the effort and intellectual contributions of AHRI investigators in producing and curating the data, users of AHRI data must acknowledge the source of the data and abide by the terms and conditions under which the data is accessed and must cite the dataset in publication using the citation provided as part of this documentation. All analytical datasets published on the AHRI Data Repository are assigned digital object identifier (DOIs) and the DOIs can be found on the Data Repository under Study Description tab - Access policy. AHRI data users are required to always cite the dataset using the relevant DOI.

CITATION REQUIREMENTS

Shahmanesh, M., & Lebina, L. (2026). cRCT of Long-acting PrEP Integrated with Community-based Sexual Health (LAPIS) - HIV self-testing survey [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/AHRI.PREPIMPLEMENTATION.LAPIS.SELF.TESTING.2026.V1>

Metadata production

DDI DOCUMENT ID

AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

PRODUCERS

Name	Abbreviation
Africa Health Research Institute	AHRI

Data Dictionary

Data file	Cases	Variables
AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1	112	12
AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1	9	10

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Cases: 112

Variables: 12

Variables

ID	Name	Label	Question
V4860	record_id	Record ID	
V4861	st_unique_survey_link	Please enter the Unique Survey Link	
V4862	st_survey_date	Survey Date	
V4863	st_what_to_view_1	Would information would you like to see? - Instructions document	
V4864	st_what_to_view_2	Would information would you like to see? - Video	
V4865	st_performed_test	Have you performed the Self test?	
V4866	st_reported_result	What was the result of the HIV Self Test?	
V4867	st_request_contact	Would you like to be contacted by a Nurse?	
V4868	st_receive_airtime	Would you like to received R10 airtime?If yes, please provide details on your te	
V4869	st_network_provider	Who is your network provider?	
V4870	st_recharge_status	Recharge Status	
V4871	tm_call_made	Was a telephone call made?	

Total: 12

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Cases: 9

Variables: 10

Variables

ID	Name	Label	Question
V4872	record_id	Record ID	
V4873	instance	Instance	
V4874	tm_call_made	Was a telephone call made?	
V4875	tm_phonecnt_datetime	Call Attempt Date and Time	
V4876	tm_phonecnt_outcome	Outcome of Contact Attempt	
V4877	tm_verify_participant	By reviewing the Personal information, please verify that this is the correct pa	
V4878	tm_call_outcome	Outcome of Phone Call	
V4879	tm_calc_refuse_link	Calculated field: Refusal to link to care	
V4880	tm_calc_wrong_num	Calculated field: Wrong number	
V4881	tm_calc_not_comeback	Calculated field: Confirmed not coming back to clinic	

Total: 10

RECORD_ID: Record ID

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 112 Invalid: 0
 Type: Discrete Width: 8 Range: - Format: character

ST_UNIQUE_SURVEY_LINK: Please enter the Unique Survey Link

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 112 Invalid: 0
 Type: Discrete Width: 16 Range: - Format: character

ST_SURVEY_DATE: Survey Date

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 98 Minimum: 2025-04-12 Maximum: 2025-11-09
 Type: Discrete Width: 11 Range: - Format: character

ST_WHAT_TO_VIEW_1: Would information would you like to see? - Instructions document

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 14 Invalid: 98
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Instructions document	14	100%
2	Video	0	0%
Sysmiss		98	

ST_WHAT_TO_VIEW_2: Would information would you like to see? - Video

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 15 Invalid: 97
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Instructions document	0	0%
2	Video	15	100%
Sysmiss		97	

ST_PERFORMED_TEST: Have you performed the Self test?

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 112 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	112	100%
99	Blank	0	0%

ST_REPORTED_RESULT: What was the result of the HIV Self Test?

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 105 Invalid: 7

Type: Discrete Decimal: 0 Width: 12 Range: 0 - 98 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Negative	103	98.1%
1	Positive	1	1%
2	Test did not work	1	1%
98	Forgot result / Doesn't remember	0	0%
Sysmiss		7	

ST_REQUEST_CONTACT: Would you like to be contacted by a Nurse?

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 103 Invalid: 9
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8	7.8%
2	No	95	92.2%
Sysmiss		9	

ST_RECEIVE_AIRTIME: Would you like to received R10 airtime?If yes, please provide details on your te

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 84 Invalid: 28
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	84	100%
99	Blank	0	0%
Sysmiss		28	

ST_NETWORK_PROVIDER: Who is your network provider?

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 84 Invalid: 28
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Vodacom	65	77.4%
2	MTN	17	20.2%
3	Cell C	1	1.2%
4	Telkom	1	1.2%
Sysmiss		28	

ST_RECHARGE_STATUS: Recharge Status

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 83 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

TM_CALL_MADE: Was a telephone call made?

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Overview

Valid: 8 Invalid: 104

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8	100%
2	No	0	0%
Sysmiss		104	

RECORD_ID: Record ID

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0
 Type: Discrete Width: 8 Range: - Format: character

INSTANCE: Instance

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

TM_CALL_MADE: Was a telephone call made?

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	100%
2	No	0	0%

TM_PHONECNT_DATETIME: Call Attempt Date and Time

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Minimum: 2025-05-01 Maximum: 2025-08-21
 Type: Discrete Width: 11 Range: - Format: character

TM_PHONECNT_OUTCOME: Outcome of Contact Attempt

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0
 Type: Discrete Decimal: 0 Width: 12 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Call was answered	8	88.9%
2	Call gone to Voicemail	0	0%
3	Phone remains unanswered	1	11.1%
4	Number does not exist	0	0%
5	7 Day call was not made	0	0%

TM_VERIFY_PARTICIPANT: By reviewing the Personal information, please verify that this is the correct pa

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 8 Invalid: 1

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes - this is the correct participant	8	100%
2	No - this is not the correct participant	0	0%
Sysmiss		1	

TM_CALL_OUTCOME: Outcome of Phone Call

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 8 Invalid: 1

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 96 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Will come to the clinic	1	12.5%
2	Not having sex right now	0	0%
3	Controverted	0	0%

4	Refused	0	0%
5	Out-migrated outside of PIPSA	0	0%
6	Participant is unknown	0	0%
7	Reschedule phone call	0	0%
8	Someone else answered	0	0%
96	Other	7	87.5%
Sysmiss		1	

TM_CALC_REFUSE_LINK: Calculated field: Refusal to link to care

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	9	100%

TM_CALC_WRONG_NUM: Calculated field: Wrong number

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	9	100%

TM_CALC_NOT_COMEBACK: Calculated field: Confirmed not coming back to clinic

Data file: AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

Overview

Valid: 9 Invalid: 0

Type: Discrete Decimal: 0 Width: 12 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	9	100%

Download related resources

Technical documents

DDI:PrEPImplementation.LAPIS.Self.Testing

Title	DDI:PrEPImplementation.LAPIS.Self.Testing
Author(s)	Nompumelelo Mkwanazi
Date	2026-04-10
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