

South Africa

**Prof. Maryam Shahmanesh, Africa Health Research Institute
Dr. Limakatso Lebina, Africa Health Research Institute**

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

Study Documentation

April 10, 2026

Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1

Table of Contents

Overview	4
Scope & Coverage	4
Producers & Sponsors	4
Sampling	5
Data Collection	5
Data Processing & Appraisal	5
Accessibility	5
Files Description	6
AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1	6
AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1	6
Variables List	7
AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1	7
AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1	7
Variables Description	8
AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1	9
AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1	11

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

Overview	
Identification	AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1
Version	v1.0.0
Abstract	
<p>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.</p> <p>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.</p>	
Kind of Data	HIV self-testing interview
Unit of Analysis	PrEP cohort participants.

Scope & Coverage	
Keywords	STI, HIV prevention.
Topics	Adolescents; young adults; HIV infections/prevention & control; South Africa/epidemiology; sexual health; PrEP; HIV prevention
Time Period(s)	2025-2026
Countries	South Africa
Geographic Coverage	
Health and demographic surveillance site in the rural KwaZulu-Natal.	
Universe	
<p>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.</p>	

Producers & Sponsors	
Primary Investigator(s)	Prof. Maryam Shahmanesh, Africa Health Research Institute Dr. Limakatso Lebina, Africa Health Research Institute
Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Bill and Melinda Gates Foundation (BMG) , Funder ViiV Healthcare (ViiV) , Donor

Other Acknowledgment(s)	Jaco Dreyer , Data management, cleaning , Africa Health Research Institute Eva Ssozi , Data management, cleaning , Africa Health Research Institute
--------------------------------	--

Sampling

Sampling Procedure

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

Data Collection

Data Collection Dates	start 2025-01-01 end 2026-01-31
------------------------------	------------------------------------

Data Processing & Appraisal

Data Editing

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

Accessibility

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>

Files Description

Dataset contains 2 file(s)

AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1	
# Cases	112
# Variable(s)	12

AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1	
# Cases	9
# Variable(s)	10

Variables List

Dataset contains 22 variable(s)

File AHRI.PrEPImplementation.LAPIS.Self.Testing.2026.v1							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	record_id	Record ID	discrete	character-8	112	0	-
2	st_uniqu_..	Please enter the Unique Survey Link	discrete	character-16	112	0	-
3	st_surve_..	Survey Date	discrete	character-11	98	-	-
4	st_what_..	Would information would you like to see? - Instructions document	discrete	numeric-12.0	14	98	-
5	st_what_..	Would information would you like to see? - Video	discrete	numeric-12.0	15	97	-
6	st_perfo_..	Have you performed the Self test?	discrete	numeric-12.0	112	0	-
7	st_repor_..	What was the result of the HIV Self Test?	discrete	numeric-12.0	105	7	-
8	st_reque_..	Would you like to be contacted by a Nurse?	discrete	numeric-12.0	103	9	-
9	st_recei_..	Would you like to received R10 airtime?If yes, please provide details on your te	discrete	numeric-12.0	84	28	-
10	st_netwo_..	Who is your network provider?	discrete	numeric-12.0	84	28	-
11	st_recha_..	Recharge Status	discrete	character-7	83	0	-
12	tm_call_..	Was a telephone call made?	discrete	numeric-12.0	8	104	-

File AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	record_id	Record ID	discrete	character-8	9	0	-
2	instance	Instance	discrete	numeric-12.0	9	0	-
3	tm_call_..	Was a telephone call made?	discrete	numeric-12.0	9	0	-
4	tm_phone_..	Call Attempt Date and Time	discrete	character-11	9	-	-
5	tm_phone_..	Outcome of Contact Attempt	discrete	numeric-12.0	9	0	-
6	tm_verif_..	By reviewing the Personal information, please verify that this is the correct pa	discrete	numeric-12.0	8	1	-
7	tm_call_..	Outcome of Phone Call	discrete	numeric-12.0	8	1	-
8	tm_calc_..	Calculated field: Refusal to link to care	discrete	numeric-12.0	9	0	-
9	tm_calc_..	Calculated field: Wrong number	discrete	numeric-12.0	9	0	-
10	tm_calc_..	Calculated field: Confirmed not coming back to clinic	discrete	numeric-12.0	9	0	-

Variables Description

Dataset contains 22 variable(s)

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

record_id: Record ID

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=112 /-] [Invalid=0 /-]

st_unique_survey_link: Please enter the Unique Survey Link

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=112 /-] [Invalid=0 /-]

st_survey_date: Survey Date

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=98 /-]

st_what_to_view_1: Would information would you like to see? - Instructions document

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=14 /-] [Invalid=98 /-]

Value	Label	Cases	Percentage
1	Instructions document	14	100.0%
2	Video	0	
Sysmiss		98	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

st_what_to_view_2: Would information would you like to see? - Video

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=15 /-] [Invalid=97 /-]

Value	Label	Cases	Percentage
1	Instructions document	0	
2	Video	15	100.0%
Sysmiss		97	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

st_performed_test: Have you performed the Self test?

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=112 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	112	100.0%
99	Blank	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Information [Type= discrete] [Format=numeric] [Range= 0-98] [Missing=*]

Statistics [NW/ W] [Valid=105 /-] [Invalid=7 /-]

Value	Label	Cases	Percentage
0	Negative	103	98.1%
1	Positive	1	1.0%
2	Test did not work	1	1.0%
98	Forgot result / Doesn't remember	0	
Sysmiss		7	

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

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

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=103 /-] [Invalid=9 /-]

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

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Information [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]

Statistics [NW/ W] [Valid=84 /-] [Invalid=28 /-]

Value	Label	Cases	Percentage
1	Yes	84	100.0%
99	Blank	0	
Sysmiss		28	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

st_network_provider: Who is your network provider?

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]

Statistics [NW/ W] [Valid=84 /-] [Invalid=28 /-]

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

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

st_recharge_status: Recharge Status

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=83 /-] [Invalid=0 /-]

tm_call_made: Was a telephone call made?

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=8 /-] [Invalid=104 /-]

Value	Label	Cases	Percentage
1	Yes	8	100.0%
2	No	0	
Sysmiss		104	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

File : AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

record_id: Record ID

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=9 /-] [Invalid=0 /-]

instance: Instance

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=9 /-] [Invalid=0 /-]

tm_call_made: Was a telephone call made?

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=9 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	9	100.0%
2	No	0	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

tm_phoncencnt_datetime: Call Attempt Date and Time

Information [Type= discrete] [Format=character] [Missing=*]

Statistics [NW/ W] [Valid=9 /-]

tm_phoncencnt_outcome: Outcome of Contact Attempt

Information [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]

Statistics [NW/ W] [Valid=9 /-] [Invalid=0 /-]

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

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

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

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]

Statistics [NW/ W] [Valid=8 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Yes - this is the correct participant	8	100.0%
2	No - this is not the correct participant	0	
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

tm_call_outcome: Outcome of Phone Call

Information [Type= discrete] [Format=numeric] [Range= 1-96] [Missing=*]

Statistics [NW/ W] [Valid=8 /-] [Invalid=1 /-]

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

File : AHRI.PrEPImplementation.LAPIS.Self.Testing.TelephoneCalls.2026.v1

tm_call_outcome: Outcome of Phone Call

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

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

tm_calc_refuse_link: Calculated field: Refusal to link to care

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=9 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	9	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

tm_calc_wrong_num: Calculated field: Wrong number

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=9 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	9	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

tm_calc_not_comeback: Calculated field: Confirmed not coming back to clinic

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=9 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	0	
2	No	9	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.