

South Africa

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**Thetha Nami ngithethe nawe (Let's
Talk)– STI Partner Treatment**

Study Documentation

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Metadata Production

Metadata Producer(s)	Africa Health Research Institute (AHRI)
Identification	AHRI.PrEPImplementation.STI.Partner.Notification.2025.v1

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Thetha Nami ngithethe nawe (Let's Talk)– STI Partner Treatment

Overview	
Identification	AHRI.PrEPImplementation.STI.Partner.Notification.2025.v1
Version	v1.0.0
<p>Abstract</p> <p>Thetha Nami ngithethe nawe (Let's Talk): A stepped-wedge cluster randomised controlled trial of peer navigators' social mobilisation into community-based sexual health and HIV care (Including Pre-Exposure prophylaxis) to reduce sexual transmissible HIV among youth in rural KwaZulu-Natal, South Africa. The STI Partner Treatment component investigates the STI contact tracing, partner notification, and treatment among sexual reproductive health and HIV clinic mobile attendees in rural KwaZulu Natal.</p> <p>· Study Aim: To assess the effectiveness and feasibility of STI partner treatment strategies to curb the reinfection rates among sexual partners, enhance overall sexual reproductive health outcomes, and enhance the STI's clinical management.</p> <p>· Specific Objectives:</p> <ol style="list-style-type: none"> 1.To evaluate the effect of healthcare worker STI contact tracing, notification, and treatment 2.To assess the feasibility of implementing healthcare worker partners' notification to augment the patient notification to curb STI transmission 	
Kind of Data	PrEP user's clinical data
Unit of Analysis	Sexual reproductive health and HIV-neutral service participants.

Scope & Coverage	
Keywords	STI, partner notification, HIV prevention, clinical management
Topics	Adolescents; young adults; HIV infections/prevention & control; South Africa/epidemiology; sexual health; randomised controlled trials, PrEP; HIV prevention; clinical adherence; patient management.
Time Period(s)	2022-2025
Countries	South Africa
<p>Geographic Coverage</p> <p>Health and demographic surveillance site in the rural KwaZulu-Natal</p>	
<p>Universe</p> <p>About 26,000 15-30 AYAs from 40 geographical areas (clusters) of the uMkhanyakude District in the rural KwaZulu Natal are eligible to receive Thetha Nami ngithethe nawe" intervention. Of these, ~20% are at risk of HIV acquisition and would benefit from HIV 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, Thetha Nami ngithethe nawe: social mobilisation by peer navigators into mobile sexual and reproductive health clinics that provide tailored HIV prevention and care or the standard of care: access HIV care and prevention through primary care clinics.</p> <p>Participants must be able and willing to give written informed consent for trial participation, or assent and parental consent in the case of those aged 15-17. Adults 18+ years who are eligible for PrEP.</p>	

Producers & Sponsors	
Primary Investigator(s)	Prof Maryam Shahmanesh, Africa Health Research Institute

Other Producer(s)	Africa Health Research Institute (AHRI)
Funding Agency/ies	Bill and Melinda Gates Foundation (BMG) , Funder
Other Acknowledgment(s)	Jaco Dreyer , Data management, cleaning, and analysis , Africa Health Research Institute Eva Ssozi , Data management, cleaning, and analysis , Africa Health Research Institute

Sampling

Sampling Procedure

The primary outcome will be collected through three random representative population-based surveys:

- n=2000 15-30-year-olds, 50 per cluster, at baseline,
- n=3200 15-30-year-olds, 80 per cluster, at the end of period 1 (midline) and
- n=3200 15-30-year-olds, 80 per cluster, at the end of period 2 (end-line).

We use the AHRI health and demographic surveillance system (HDSS) as a sampling frame to randomly select three separate cross-sectional samples of:

- n=3600 (90 per cluster) 15-30-year-olds stratified by gender at baseline. Based on previous studies in this setting, we anticipate that ~2800 will be contactable and eligible and that n=2000 (~50 per cluster) men and women aged 15-30, will be willing and able to provide consent to be included in the study.
- n=6000 (150 per cluster) 15-30-year-olds stratified by gender at the midline (before the second step of scale-up) and end-line. Based on previous studies in this setting, we anticipate that 4300 will be contactable and eligible and that n=3200 (~80 per cluster) men and women aged 15-30, will be willing and able to provide consent to be included in the study

Data Collection

Data Collection Dates	start 2022-06-14 end 2025-01-20
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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, Prof Maryam. (2025). Thetha Nami ngithethe nawe (Let's Talk)– STI Partner Treatment [Data set]. Africa Health Research Institute.

DOI:<https://doi.org/10.23664/AHRI.PREPIIMPLEMENTATION.STI.PARTNER.NOTIFICATION.2025>

Files Description

Dataset contains 2 file(s)

AHRI.PrEPIImplementation.STI.Partner.Notification.Main.2025.v1	
# Cases	70
# Variable(s)	20

AHRI.PrEPIImplementation.STI.Partner.Notification.Medication.2025.v1	
# Cases	86
# Variable(s)	14

Variables List

Dataset contains 34 variable(s)

File AHRI.PrEPIImplementation.STI.Partner.Notification.Main.2025.v1							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Study_ID	Study ID	discrete	character-16	70	0	-
2	instance	Instance	discrete	numeric-12.0	70	0	-
3	sp_notif_..	Scan Notification Card QR Code	discrete	character-11	69	0	-
4	sp_sti_c_..	Please tick which counseling topic were done: Promote good sexual health	discrete	numeric-12.0	68	2	-
5	sp_sti_c_..	Please tick which counseling topic were done: Fertility desires	discrete	numeric-12.0	1	69	-
6	sp_sti_c_..	Please tick which counseling topic were done: Discuss nutrition	discrete	numeric-12.0	24	46	-
7	sp_sti_n_..	Does the participant have any partners that would need notification letters?	discrete	numeric-12.0	68	2	-
8	sp_sti_p_..	Issue partner notification card - 01	discrete	character-11	10	0	-
9	sp_sti_p_..	Issue partner notification card - 10	discrete	character-1	0	0	-
10	sp_sti_p_..	Issue partner notification card - 02	discrete	character-1	0	0	-
11	sp_sti_p_..	Issue partner notification card - 03	discrete	character-1	0	0	-
12	sp_sti_p_..	Issue partner notification card - 04	discrete	character-1	0	0	-
13	sp_sti_p_..	Issue partner notification card - 05	discrete	character-1	0	0	-
14	sp_sti_p_..	Issue partner notification card - 06	discrete	character-1	0	0	-
15	sp_sti_p_..	Issue partner notification card - 07	discrete	character-1	0	0	-
16	sp_sti_p_..	Issue partner notification card - 08	discrete	character-1	0	0	-
17	sp_sti_p_..	Issue partner notification card - 09	discrete	character-1	0	0	-
18	sp_sti_r_..	Was the result of the STI Test discussed with the participant?	discrete	numeric-12.0	68	2	-
19	sp_sti_s_..	Staff Code	discrete	character-7	68	0	-
20	sp_sti_t_..	Was treatment given?	discrete	numeric-12.0	68	2	-

File AHRI.PrEPIImplementation.STI.Partner.Notification.Medication.2025.v1							
#	Name	Label	Type	Format	Valid	Invalid	Question

File AHRI.PrEPImplementation.STI.Partner.Notification.Medication.2025.v1							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	Study ID	StudyID	discrete	character-16	86	0	-
2	instance	Instance	discrete	numeric-12.0	86	0	-
3	ds_sti_d..	Dispensed Date	discrete	character-11	86	-	-
4	ds_sti_d..	Was STI medication dispensed?	discrete	numeric-12.0	86	0	-
5	ds_sti_d..	Dose amount (for example: 1x tablet...)	discrete	character-9	86	0	-
6	ds_sti_d..	Frequency	discrete	numeric-12.0	86	0	-
7	ds_sti_d..	Drug Code	discrete	character-5	86	0	-
8	ds_sti_d..	Generic Drug Name	discrete	character-28	86	0	-
9	ds_sti_d..	Specify Other Generic Drug name	discrete	character-13	2	0	-
10	ds_sti_e..	Expiry date of medication	discrete	character-11	86	-	-
11	ds_sti_l..	Lot Number	discrete	character-9	86	0	-
12	ds_sti_q..	Scan QR Code: Package	discrete	character-19	86	0	-
13	ds_sti_r..	Route	discrete	numeric-12.0	86	0	-
14	ds_sti_s..	Staff Code	discrete	character-7	86	0	-

Variables Description

Dataset contains 34 variable(s)

File : AHRI.PrEPImplementation.STI.Partner.Notification.Main.2025.v1

Study_ID: Study ID

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

Statistics [NW/ W] [Valid=70 /-] [Invalid=0 /-]

instance: Instance

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

Statistics [NW/ W] [Valid=70 /-] [Invalid=0 /-]

sp_notification_card_id: Scan Notification Card QR Code

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

Statistics [NW/ W] [Valid=69 /-] [Invalid=0 /-]

sp_sti_counsel_done_1: Please tick which counseling topic were done: Promote good sexual health

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=68 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	Promote good sexual health	68	100.0%
2	Fertility desires	0	
3	Discuss Nutrition	0	
Sysmiss		2	

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.

sp_sti_counsel_done_2: Please tick which counseling topic were done: Fertility desires

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=1 /-] [Invalid=69 /-]

Value	Label	Cases	Percentage
1	Promote good sexual health	0	
2	Fertility desires	1	100.0%
3	Discuss Nutrition	0	
Sysmiss		69	

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.

sp_sti_counsel_done_3: Please tick which counseling topic were done: Discuss nutrition

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=24 /-] [Invalid=46 /-]

Value	Label	Cases	Percentage
1	Promote good sexual health	0	
2	Fertility desires	0	
3	Discuss Nutrition	24	100.0%
Sysmiss		46	

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.

sp_sti_need_partn_notify: Does the participant have any partners that would need notification letters?

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

Statistics [NW/ W] [Valid=68 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	Yes	11	16.2%

File : AHRI.PrEPImplementation.STI.Partner.Notification.Main.2025.v1

sp_sti_need_partn_notify: Does the participant have any partners that would need notification letters?

Value	Label	Cases	Percentage
2	No	57	83.8%
Systemmiss		2	

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.

sp_sti_partn_card_1: Issue partner notification card - 01

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

Statistics [NW/ W] [Valid=10 /-] [Invalid=0 /-]

sp_sti_partn_card_10: Issue partner notification card - 10

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

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

sp_sti_partn_card_2: Issue partner notification card - 02

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

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

sp_sti_partn_card_3: Issue partner notification card - 03

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

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

sp_sti_partn_card_4: Issue partner notification card - 04

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

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

sp_sti_partn_card_5: Issue partner notification card - 05

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

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

sp_sti_partn_card_6: Issue partner notification card - 06

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

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

sp_sti_partn_card_7: Issue partner notification card - 07

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

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

sp_sti_partn_card_8: Issue partner notification card - 08

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

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

sp_sti_partn_card_9: Issue partner notification card - 09

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

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

sp_sti_result_discussed: Was the result of the STI Test discussed with the participant?

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

Statistics [NW/ W] [Valid=68 /-] [Invalid=2 /-]

File : AHRI.PrEPIImplementation.STI.Partner.Notification.Main.2025.v1

sp_sti_result_discussed: Was the result of the STI Test discussed with the participant?

Value	Label	Cases	Percentage
1	Yes	68	100.0%
2	No	0	
Sysmiss		2	

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.

sp_sti_staff_code: Staff Code

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=68 /-] [Invalid=0 /-]

sp_sti_treatm_provided: Was treatment given?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=68 /-] [Invalid=2 /-]

Value	Label	Cases	Percentage
1	Yes	67	98.5%
2	No	1	1.5%
Sysmiss		2	

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.PrEPIImplementation.STI.Partner.Notification.Medication.2025.v1

Study_ID: StudyID

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

instance: Instance

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

ds_sti_date_given: Dispensed Date

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

Statistics [NW/ W] [Valid=86 /-]

ds_sti_dispensed: Was STI medication dispensed?

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	86	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.

ds_sti_dose: Dose amount (for example: 1x tablet...)

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

ds_sti_dose_freq: Frequency

Information [Type= discrete] [Format=numeric] [Range= 1-10] [Missing=*]

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Once Daily	0	
2	4 hourly	0	
3	6 hourly	0	
4	8 hourly	0	
5	Apply PRN	0	
6	12 hourly	0	
7	24 hourly	0	
8	24 hourly nocte	0	
9	Insert nocte	0	
10	Stat	86	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.

ds_sti_drug_name: Drug Code

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

ds_sti_drug_label: Generic Drug Name

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

File : AHRI.PrEPImplementation.STI.Partner.Notification.Medication.2025.v1

ds_sti_drug_name_oth: Specify Other Generic Drug name

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

Statistics [NW/ W] [Valid=2 /-] [Invalid=0 /-]

ds_sti_exp_date: Expiry date of medication

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

Statistics [NW/ W] [Valid=86 /-]

ds_sti_lotnumber: Lot Number

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

ds_sti_qrcode: Scan QR Code: Package

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

ds_sti_route: Route

Information [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Oral administration	76	88.4%
2	Intravenous injection	0	
3	Topical Application	0	
4	Intramuscular injection	10	11.6%
5	Per Vagina	0	
6	Topical	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.

ds_sti_staff_code: Staff Code

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

Statistics [NW/ W] [Valid=86 /-] [Invalid=0 /-]