

## Feasibility of implementing the advanced HIV disease care package during community-based HIV/TB activities: A mixed-methods study protocol

Supplementary file

### Supplementary file 1: Overview of TB-TRIAGE+ ACCURACY procedures, sampling and eligibility

TB TRIAGE+ ACCURACY procedures	Sample	Day 1/2	Week 12	Eligible
Eligibility check, informed consent, contact data	NA	x		All
Demographics, anthropometrics, medical history	NA	x		Eligible and consented
Physical examination	NA	x		Eligible and consented
Afinion C-Reactive Protein assay	capillary blood	x		Eligible and consented
Differential white blood count	capillary blood	x		Eligible and consented
SARS-CoV-2 real-time PCR	nasopharyngeal swab	x		Eligible and consented
SARS-Cov-2 antigen test	nasopharyngeal swab	x		Eligible and consented
Xpert MTB/RIF	sputum	x		Eligible and consented
Xpert MTB/RIF Ultra	sputum	x		Eligible and consented
MGIT culture	sputum	x		Eligible and consented
CAD4TB	chest X-ray	x		Eligible and consented
CAD4COVID	chest X-ray	x		Eligible and consented
Expert radiologist reading	chest X-ray	x		Eligible and consented
<b>Evaluated in feasibility study</b>				
HIV test counselling	NA	x		HIV status unknown
HIV testing per national guideline	capillary blood	x		HIV status unknown
VISITECT CD4 Advanced Disease Test	venous blood	x		HIV positive
Alere Determine TB LAM Antigen test	urine	x		HIV positive
CrAg Lateral Flow Assay	plasma	x		CD4 count $\leq 200$ cells/ $\mu$ l
Standardized referral letter summarizing all results of tests accepted by national guidelines	NA		x	Eligible and consented
Follow up call of all participants by phone: Vital status, TB treatment status, ART status.	NA		x	Eligible and consented
File review: ART status and follow-up on AHD care package results	NA		x	HIV positive
Active tracing in collaboration with health care provider	NA		x	Culture-positive not on anti-TB treatment

Abbreviations: ART, antiretroviral therapy; CrAg, cryptococcal antigen; PCR, polymerase chain reaction; TB LAM, MGIT, Mycobacteria Growth Indicator Tube; TB LAM, tuberculosis lipoarabinomannan assay; TB, tuberculosis