Algorithm for screening and diagnosis of TB in PLHIV

- Interview for sign and Symptom
  - Chest X-ray screening*

Any signs and symptoms for TB
(cough of any duration, night sweats, chest pain, weight loss or poor weight gains, fever and/or abnormal chest X-ray)

GeneXpert MTB/RIF test

MTB not detected

**Reevaluate Chest X-ray (CXR)

CXR Normal
- TB Preventive Therapy
CXR Abnormal
- Further TB Evaluation

MTB detected/clinically diagnosed

Rifampicin Sensitive
- Initiate Anti-TB Therapy
Rifampicin Resistant
- Initiate MDR-TB Therapy, Conduct LPA/Culture & DST

No sign & symptom and normal X-ray

TB Preventive Therapy

Not TB

TB

*X-ray used to screen, **X-ray used as diagnostic tool