Algorithm for screening and diagnosis of TB in children living with HIV

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

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

- GeneXpert MTB/RIF test, Gastric lavage/Sputum for AFB and other applicable samples

MTB not detected

**Evaluate Chest X-ray (CXR)

- CXR Normal
- CXR Abnormal

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

CXR Normal

TB Preventive Therapy

Not TB

TB

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