Screening and diagnosis of TB in children in close contact with TB patient

- Interview for signs 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 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

TB Preventive Therapy

CXR Abnormal

Further TB Evaluation

TB Preventive Therapy

Not TB

TB

No sign & symptom and normal X-ray

MTB detected/clinically diagnosed

Rifampicin Sensitive

Initiate Anti-TB Therapy

Rifampicin Resistant

Initiate MDR-TB Therapy, Conduct LPA/Culture & DST based on the national guideline

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