Patients with respiratory symptoms

- Asked for symptoms
- Asked for TB contact history
- Clinical examination

Pathway 1
Request CXR

- CXR abnormal
- CXR normal

Pathway 2
Request microscopy sputum examination

- 1 or 2 Smears (+)
- All smears negative

Others tests: CT, culture; PCR...

- Improve
- No improvement

Repeat sputum smear microscopy

- 1 or 2 Smears (+)
- All smears negative

Clinical judgment

TB smear positive

No TB

TB smear negative

*CXR: Chest X-ray; CT: Chest computed tomography; PCR: polymerase chain reaction; TB: tuberculosis.*