Patient with symptoms suggestive of TB

- Sputum microscopy for AFB (Three samples)
  - 2 or 3 positive
  - Only 1 positive
  - 1 or 2 positive
  - 3 negative smears
  - Both negative

- 2 or 3 positive
  - Examine 2 additional sputum samples
  - Treat with non-specific broad-spectrum antibiotics (excluding anti-TB drugs and fluroquinolones) for 7-10 days
  - Review after 2-4 weeks

- Only 1 positive
  - No improvement
  - Repeat sputum microscopy (three samples)
  - Chest X-ray and physician’s judgment

- 1 or 2 positive
  - Both negative
  - Smear-negative Pulmonary TB

- 3 negative smears
  - Both negative
  - Smear-positive Pulmonary TB

- No Tuberculosis: Treatment based on clinical
  - No improvement
  - Repeat sputum microscopy (three samples)

* If initially all three smears are negative but after antibiotics only one repeated smear appears positive, it is advised to carry out two additional smears. If one or both are positive, proceed with TB treatment. If both are negative, precede with a chest X-ray and evaluation for conditions other than TB.

** If the patient has never been treated before, register and treat as a new PTB smear positive Patient. If the patient has been treated before, register for re-treatment regimen.