Algorithm for the Diagnosis of Drug Resistant Tuberculosis

Patient presents with TB symptoms:

Cough plus one of the following:
Fever, night sweats, loss of appetite, weight loss, fatigue, hemoptysis



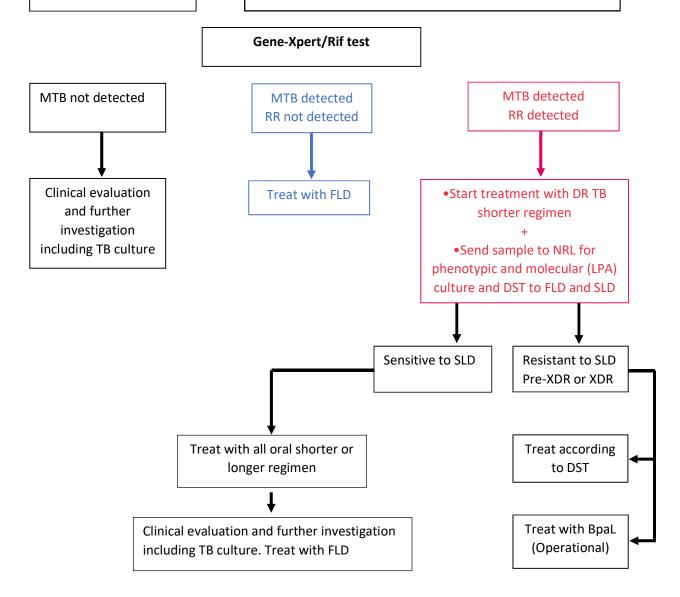
Chest X-Ray abnormal

A. Patient with low risk of MDR TB

Follow standard TB algorithm

B. Patient at high risk of MDR-TB:

- Previously treated patients* (including relapse, retreatment after loss to follow-up or failure...)
- Contact with MDR-TB case
- Patients from High Burden Countries for DR-TB**
- Prisoners
- registered PLHIV
- DM, immunocompromised cases e.g. SLE, Ca



^{*} a) Relapse: those who were previously treated and declared cured/ treatment completed and are now diagnosed with a recurrent episode of TB; b) Treatment after failure: those whose treatment failed (culture positive at 2 months of treatment or any time after 2 months of treatment; c) Treatment after loss to follow-up: those who have previously been treated and treatment was interrupted for more than 2 months.

^{**} Refer to Annex 7 "WHO High Burden Country Lists for TB"