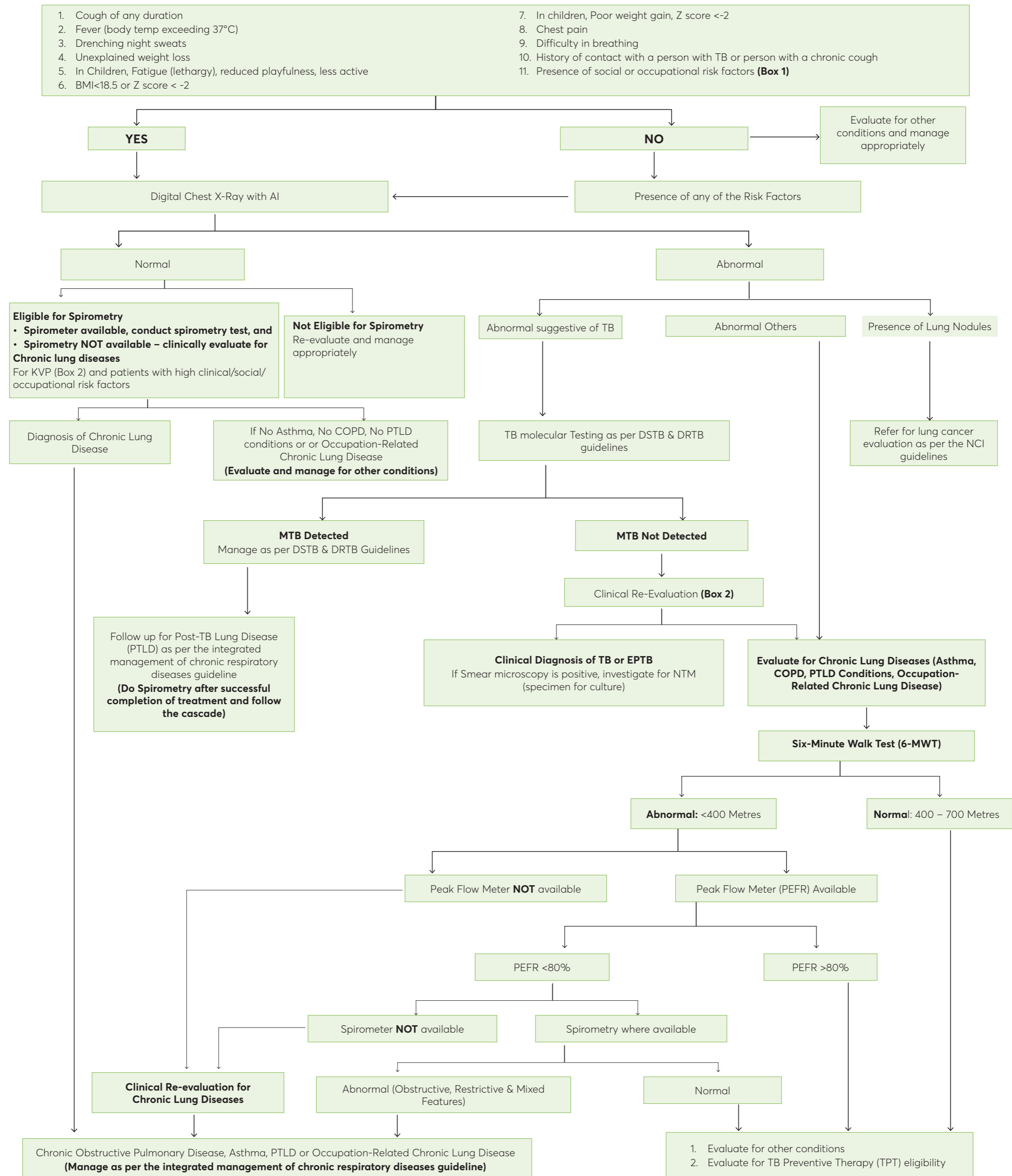


# LUNG HEALTH SCREENING AND DIAGNOSTIC ALGORITHM

**Does the client/patient have ANY of the following signs and symptoms?**



- Box 1: Social/Occupational Risk**
- |                                                  |                     |
|--------------------------------------------------|---------------------|
| 1. HCWS                                          | 9. Coal dust        |
| 2. Mine workers                                  | 10. Asbestos fibers |
| 3. Prisoners and wardens                         | 11. Silica dust     |
| 4. Refugees, migrants, and displaced populations | 12. Flour dust      |
| 5. Urban poor communities, homeless communities  | 13. Cotton dust     |
| 6. Cement dust                                   | 14. Farming         |
| 7. Sawdust                                       | 15. Chemicals       |
| 8. Animal wastes                                 | 16. Mold            |

- Box 2: Key and Vulnerable populations (KVPs)**
1. Patients with Diabetes
  2. Dialysis
  3. Patients with cancer
  4. Immunosuppressive conditions/therapy
  5. Diabetic
  6. Obesity
  7. PLHIV
  8. Hypertension
  9. Mental Health
  10. Malnourished (BMI < 18 or z-score < -2 in children)

- Box 3: Clinical Evaluation**
1. Evaluate for other respiratory conditions, e.g., Asthma, COPD, Lung cancer, PTLD, bronchiectasis, or others
  2. Review CXR. If not done, request for one
  3. Additional imaging, e.g. CT scan, ultrasound, MRI
  4. Re-evaluate and consider a clinical diagnosis of TB or EPTB
  5. Consider a diagnosis of Non-Tuberculous Mycobacterium (NTMs), especially if a patient was smear positive. Collect and send a sample for Culture