

Standard Treatment Workflow (STW) for the Management of ADULT LYMPH NODE TUBERCULOSIS ICD-10-A18.2

WHEN TO SUSPECT?

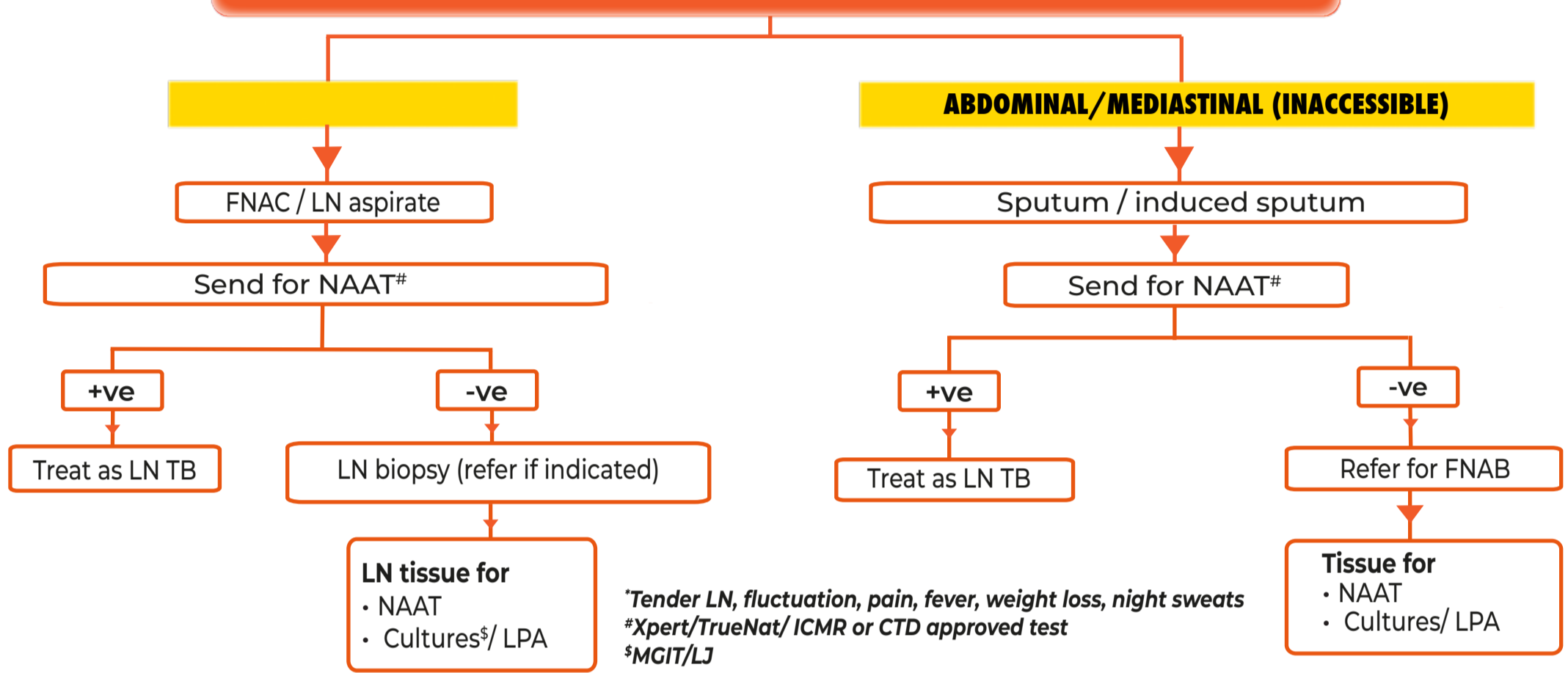


WHEN TO SUSPECT?

- Swelling (>1 cm) in neck, armpit or groin (>2 cm) +/- redness, fluctuation, sinus discharge
- May or may not be associated with fever, weight loss, night sweats or cough
- History of similar swelling in the past / past history of tuberculosis
- History of contact with a patient with a diagnosis of TB

DIAGNOSTIC ALGORITHM

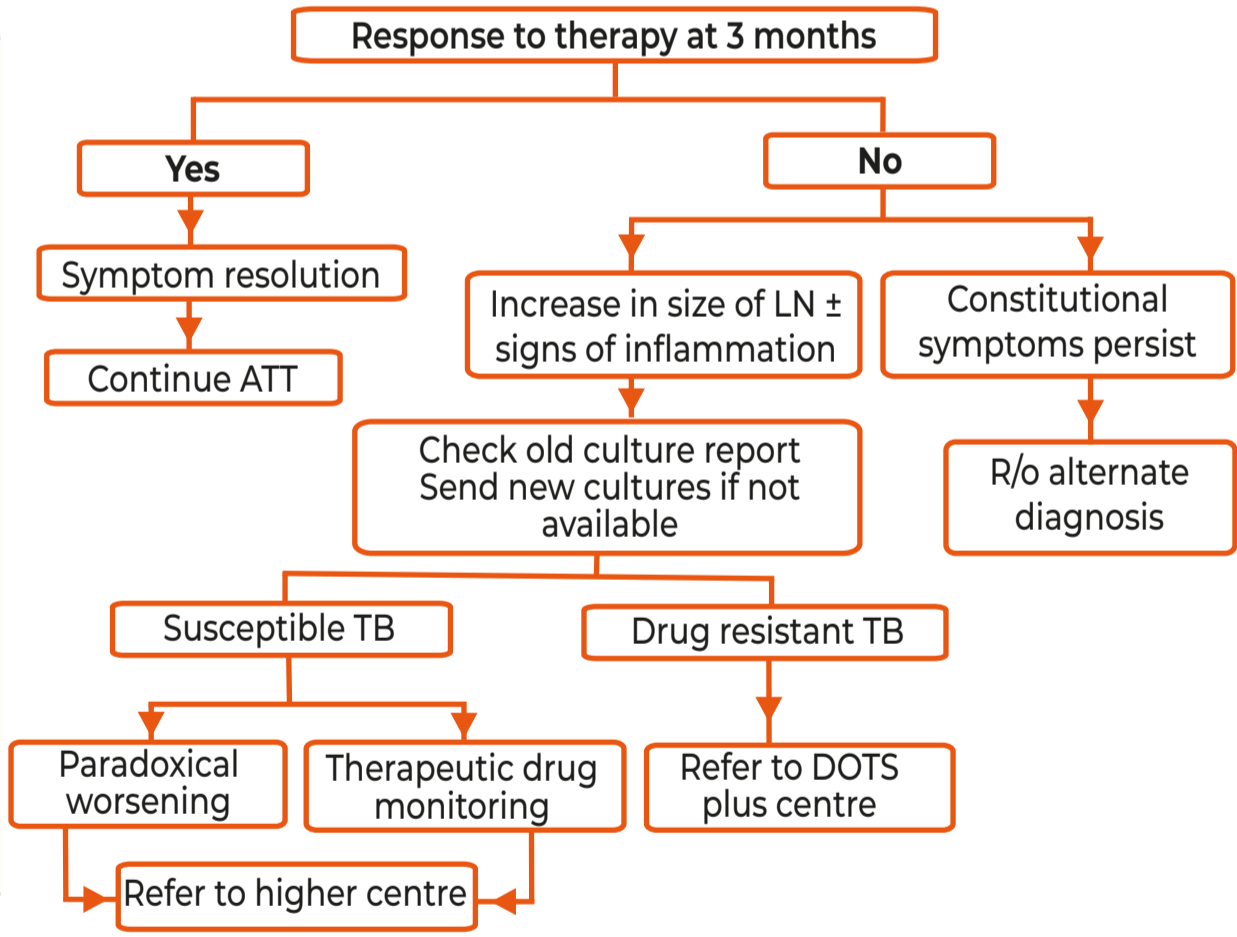
Lymphnode enlargement > 1cm ± systemic symptoms*



Treatment : As per NTEP Guidelines

ASSESS RESPONSE TO THERAPY AT 3-4 MONTHS

- **Resolution:** Decrease in size of LN with settling of systemic symptoms
- **Delayed response -Paradoxical reaction:** Increase in size of LN or new signs of inflammation (up to 3 months of starting treatment) OR appearance of new LN at same/other site
- May require tissue cultures, if not done, to rule out treatment failure/resistance
- Therapeutic drug monitoring to ensure adequate drug levels
- **If cultures reveal susceptible TB it is likely due to paradoxical worsening:** May require anti-inflammatory agents (inaccessible)/surgical removal (accessible)



COMPLICATIONS

- Abscess formation
- Rupture may lead to sinus formation

REFER TO HIGHER CENTRE IF

- Non responders
- Needs treatment for Drug Resistance
- Large Nodal Mass/Abscess requiring surgical intervention

BCG LYMPHADENITIS

- Age is usually < 2 years
- Axillary and/or supraclavicular LN on same side as BCG vaccination (usually given on left)
- No systemic symptoms in immunocompetent children
- **Treatment:**
 - Wait & watch if small
 - If large & suppurative, repeated aspiration or rarely incision & drainage is required

NAAT/AFB smear positivity can not differentiate between BCG & MTB

ABBREVIATION

ATT: Anti Tubercular Treatment	FNAB: Fine Needle Aspiration Biopsy	LPA: Line Probe Assay	NTEP: National TB Elimination Programme
BCG: Bacille Calmette Guerin	FNAC: Fine Needle Aspiration Cytology	MGIT: Mycobacterial Growth Indicator Tube	PCR: Polymerase Chain Reaction
CTD: Central TB Division	LJ: Lowenstein Jensen	MTB: Mycobacterium Tuberculosis	TB: Tuberculosis
DOT: Directly Observed Treatment Short-course	LN: Lymph Node	NAAT: Nucleic Acid Amplification Test	

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