

PRACTICAL PEARL: TB Screening and Management

<p>INTRODUCTION</p>	<ul style="list-style-type: none"> • 2 TB manifestations <ul style="list-style-type: none"> ○ Latent tuberculosis (positive screening test + normal CXR) ○ Active disease • 2 screening tests <ul style="list-style-type: none"> ○ Tuberculin skin test (TST) ○ Interferon-gamma release assay (IGRA) (i.e., T-spot® and QuantiFERON®GOLD) • IGRAs <ul style="list-style-type: none"> ○ For children \geq 5 years ○ Preferred screening test for BCG vaccine recipients \geq 5 years • Recent guidelines on appropriate evaluation for TB: http://cid.oxfordjournals.org/content/early/2016/12/08/cid.ciw694.full.pdf+html
<p>INITIAL EVALUATION AND MANAGEMENT BY PRIMARY CARE</p>	<ul style="list-style-type: none"> • Determine if screening indicated <ul style="list-style-type: none"> ○ Exposure to confirmed/suspected active disease ○ Suspicious clinical and/or X-ray findings ○ Recent immigration from a country with endemic TB ○ Travel histories to TB-endemic countries and/or substantial contact with people from such countries • If screening indicated, determine most appropriate test (IGRA vs. TST): https://redbook.solutions.aap.org/data/Books/1484/fig3-13.jpeg • Those with positive test: Obtain CXR to look for active disease • Low-risk healthy children \geq 5 years with positive TST and normal CXR: <i>strongly</i> consider getting IGRA before referral <ul style="list-style-type: none"> ○ False-positive TST results can occur for multiple reasons
<p>WHEN TO REFER</p>	<ul style="list-style-type: none"> • Children < 5 years <ul style="list-style-type: none"> ○ Exposure to active disease, regardless of TST results ○ Positive TST, regardless of CXR findings • Children \geq 5 years with indeterminate and/or positive IGRA
<p>HOW TO REFER</p>	<ul style="list-style-type: none"> • Contact MA DPH TB Clinic Office located at Baystate’s Mason Square Clinic: 794-5435 • For more urgent issues, please contact the Pediatric ID doctor on call
<p>WHAT TO EXPECT FROM BAYSTATE CHILDREN’S HOSPITAL VISIT</p>	<ul style="list-style-type: none"> • Current patient information, pertinent medical records, and immigration records (if applicable) will be requested for review prior to the visit • Due to the nature of some patients’ symptoms, other referrals or inpatient admission for additional evaluation/management may be recommended

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