

Chapter: Communicable and Infectious Disease Management	Effective Date: 11/15/14
Title: Tuberculosis (TB) Management	Page: 1 of 1
ACA: 4-JCF-4C-23 (M)	Replaces: HSP.07.02, 11/15/09

(a) **Standard.**

Management of TB in youth includes procedures as identified in the communicable disease and infection control program. In addition, the program for TB management includes procedures for:

- (1) when and where youth are to be screened and tested;
- (2) treatment of latent tuberculosis infection and tuberculosis disease;
- (3) medical isolation, when indicated; and
- (4) follow-up care, including arrangement with local health departments for continuity of care if the youth is released prior to completion of therapy.

(b) **General Provisions.**

- (1) If the initial reading is positive for TB exposure, nursing protocols approved by the University of Texas Medical Branch – Correctional Managed Care (UTMB) medical director are followed. Protocols cover chest x-ray, initiation of Isoniazid (INH) therapy, scheduling chronic care clinic, and notification to the Texas Department of State Health Services.
- (2) Treatment modalities for either prophylaxis or disease management are based upon recommendations from the most recent edition of the *American Academy of Pediatrics' Red Book*[®].
- (3) Respiratory isolation of youth is consistent with guidelines published in the *Red Book*[®] for specific infectious diseases, as applicable, and per review and order of a medical provider.
- (4) Guidelines in the UTMB-CMHC Infection Control Manual and the TJJD [Bloodborne Pathogens Exposure Control Plan](#) supplement infection control recommendations from the *Red Book*[®].

(c) **Procedures.**

- (1) A **nurse**:
 - (A) screens all youth for TB during the initial intake health screening and annually using the Mantoux TB skin test, unless the youth reports a prior positive reaction;
 - (B) reads TB skin test results 48-72 hours after administration of the test; and
 - (C) documents the results of the TB skin test in the electronic medical record (EMR).
 - (2) If the youth reports a prior positive TB skin test result:
 - (A) a **nurse** obtains from the parent/guardian and/or the local health department confirmation of the test result and receipt of INH treatment;
 - (B) the **medical provider** orders a chest x-ray if the prior positive TB skin test result and prior treatment with INH therapy is confirmed; and
 - (C) if the chest x-ray is negative, the **nurse** refers the youth to the medical provider if the youth becomes symptomatic.
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