

Protocol for Evaluation and Treatment of Individuals Exposed to Tuberculosis (TB) December 23, 2016

SITUATION UPDATE

There have been recent TB exposures at two high schools. A student at Indio High School was diagnosed with TB in October 2016. The student is sensitive to INH and rifampin. Repeat TB testing is recommended for individuals identified as potentially exposed, even though they tested negative in November. It is important to determine whether any students converted their TB test. A follow up TB skin testing clinic is scheduled at Indio High School at the end of January. However, some parents may choose to have their student tested by their primary care physician or pediatrician.

A second, unrelated TB exposure occurred at Heritage High School in Menifee. The exposure period is considered to be August 10, 2016 through November 9, 2016. A TB skin testing clinic is scheduled at Heritage High School Mid-January. Some parents may choose to have their student tested by their primary care physician or pediatrician.

PROTOCOL FOR TB EVALUATION AND TREATMENT

- Administer a TB skin test (TST) per standard protocol.
- Read the TST in 48-72 hours.
- Record the results in millimeters (mm).
- Students from Heritage High School with a TST result of 0-4 mm of induration will require a repeat TB test, if they were tested prior to January 9, 2017.
- If TST is 5 mm of induration or greater, obtain a chest x-ray. An Interferon Gamma Release Assay (IGRA), such as QuantiFeron (QFT), can be done instead of a TST. If the IGRA is positive, follow the same protocol for positive TST.
- If the chest x-ray is normal, offer 6-9 months of Isoniazid (INH) for treatment of latent TB infection (LTBI). Another option for treatment of LTBI is twelve weeks of INH and rifapentine (3HP) given once weekly with directly observed therapy (DOT). A 3HP fact sheet is located at <http://www.cdph.ca.gov/programs/tb/Documents/TBCB-INH-RIF-LTBI-fact-sheet.pdf>

Please send the results of the TST or IGRA and chest x-ray report (if the test is positive) to TB Control. Fax to (951) 358-7922; or mail to: RUHS Public Health TB Control P.O. Box 7600, Riverside, CA 92513-7600.

Report individuals with positive TST or IGRA and abnormal chest x-rays immediately to TB Control by telephone (951) 358-5107. The case will be reviewed to determine if exclusion from school is indicated. Please contact TB Control if you have any questions.