TB Contact Investigation (CI) in NBS Quick Guide

Indiana Department of Health

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Overview

Contact investigations in NBS are part of the patient's TB investigation. The contact data is visible under the patient's TB investigation, but individual contact records are also visible on the contact's profile. To create or add new contact records in NBS:

- Locate the patient's TB Investigation using *Patient Search* or *Open Investigations*
- Select the *Contact Tracing* tab on TB Investigation
- Select *Edit* to modify or add *Risk Assessment Variables*
- Select the *Contact Records* tab on TB Investigation to *Add New Contact Record*

Risk Assessment Variables

Complete these variables first to begin contact investigation. *Editing these variables will give you a pop-up warning if done after a notification for case counting has been completed. Please ignore the warning.*

- Contact Investigation Priority
- Infectious Period From
- Infectious Period To
- Contact Investigation Status

CI Priority

High

Patient is sputum smear positive.

Medium

Patient is sputum smear negative, but sputum culture positive.

Low

Patient has pulmonary TB, but no positive sputum smears or sputum cultures (i.e. diagnosis on bronchoscopy or imaging).

No Contact

Patient has extrapulmonary TB only.

Notes

1. When adding a new contact record, use the *Contact Search* option. If the patient has an existing file, click the green check if you wish to select that patient file. If the patient does not have a file, click *Add New* to create a file.
2. Individual contact records will be added to the contact's patient file as a separate event.
3. For a CI with contacts outside of the investigation jurisdiction, keep the contact record assigned to the investigating jurisdiction so that all data is visible.

Required Variables

For all contact records

- Jurisdiction
- Priority
- Disposition
- Relationship
- Last Exposure Date

For Contacts with Evaluations

- Signs/Symptoms
- Risk Factors
- HIV Testing
- TST or IGRA (first or second round as needed)
- CXR Date and Result (if TST or IGRA were positive)
- Was Treatment Initiated
- Treatment/Regimen Details (if treated)

Closing a TB CI Investigation

1. Once a contact reaches a final outcome, ensure the evaluation and treatment information in the contact record is completed under the *Contact Follow Up* tab.
2. Complete the disposition variable on the *Contact Record Tab* according to the *TB Contact Investigation Disposition Algorithm* and change the status to Closed.
3. When all contact records have been closed, change the *Contact Investigation Status* variable (located on the patient's *Contact Tracing* tab) to Closed.

Note: If a contact is diagnosed with LTBI or TB Disease, a corresponding investigation would need to be opened under their profile.