

Mycobacterioses, non-tuberculous

I. IDENTIFICATION

A. CLINICAL DESCRIPTION: Clinical syndromes associated with the pathogenic species of non-tuberculous (atypical) mycobacteria can be classified as follows:

- Disseminated disease in the presence of severe immunodeficiency as in AIDS (*Mycobacterium avium*, *M. intracellulare*, *M. kansasii*, *M. haemophilum* and *M. chelonae*).
- Pulmonary disease resembling *tuberculosis* (*M. avium*, *M. intracellulare*, *M. kansasii*, *M. xenopi*, *M. abscessus* and *M. simiae*).
- Lymphadenitis, primarily cervical (*M. avium*, *M. intracellulare*, *M. kansasii* and *M. scrofulaceum*).
- Skin ulcers (*M. ulcerans*, *M. marinum*).
- Post-traumatic wound infections (*M. avium*, *M. intracellulare*, *M. fortuitum*, *M. chelonae*, *M. abscessus* and *M. marinum*).
- Nosocomial Disease: (*M. fortuitum*, *M. chelonae* and *M. abscessus*).
- Surgical wound infections: Sternal following cardiac surgery, mammoplasty wounds.
- Catheter-related infections: Bacteremia, peritonitis and post-injection abscesses.
- Crohn's Disease (*M. paratuberculosis*)

B. REPORTING CRITERIA: Laboratory confirmation

C. LABORATORY CRITERIA FOR CONFIRMATION:

- Isolation of non-tuberculosis mycobacteria from the affected area of the body, **AND**
- Evidence of clinical disease for which no other diagnosis has been made.
NOTE: A single isolate of non-tuberculosis mycobacteria without compatible clinical evidence of disease does not meet the case definition.

D. WISCONSIN CASE DEFINITION: Laboratory confirmation of non-tuberculosis mycobacteria with evidence of compatible clinical disease.

II. ACTIONS REQUIRED / PREVENTION MEASURES

A. This is a Wisconsin Disease Surveillance Category II disease:

Report to the patient's local public health department electronically, through the Wisconsin Electronic Disease Surveillance System (WEDSS), by mail or fax using an Acute and Communicable Disease Case Report ([F44151](#)), or by other means within 72-hours upon recognition of a case.

B. EPIDEMIOLOGY REPORTS REQUIRED: Acute and Communicable Diseases Case Report

III. CONTACTS FOR CONSULTATION

A. BCDP/ TUBERCULOSIS PROGRAM: (608) 266-9692

B. WSLH / MYCOBACTERIOLOGY UNIT: (608) 262-1618

IV. RELATED REFERENCES

1. Heymann DL, ed. TUBERCULOSIS (TB, TB disease). In: *Control of Communicable Diseases Manual*. 18th ed. Washington, DC: American Public Health Association, 2004: 560-572
2. Pickering LK, ed. Tuberculosis. In: *2003 Red Book: Report of the Committee on Infectious Diseases*. 26th ed. Elk Grove Village, IL: American Academy of Pediatrics; 2003:642-660