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. kansassi* 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