

***HAEMOPHILUS INFLUENZAE*, INVASIVE DISEASE**

Last revised May 11, 2011

I. IDENTIFICATION

A. CLINICAL DESCRIPTION:

An invasive disease due to *Haemophilus influenzae* that may produce any of several clinical syndromes: meningitis, bacteremia, epiglottitis, and/or pneumonia.

B. REPORTING CRITERIA: Clinical diagnosis or laboratory confirmation.

C. LABORATORY CRITERIA FOR CONFIRMATION:

- Isolation of *Haemophilus influenzae* from a normally sterile site (e.g., cerebrospinal fluid [CSF], blood, joint, pleural, pericardial fluid or another normally sterile site).
- Isolation from urine, sputum, abscesses or pharyngeal swabs **does not** meet the case definition.

D. WISCONSIN CASE DEFINITION: A clinically compatible illness that is laboratory confirmed.

II. ACTIONS REQUIRED / PREVENTION MEASURES

A. WISCONSIN DISEASE SURVEILLANCE CATEGORY I: Report **IMMEDIATELY BY TELEPHONE** to the patient's local health department upon identification of a confirmed or suspected case. The local health department shall then notify the state epidemiologist **immediately** of any confirmed or suspected cases. Within 24 hours, submit a case report electronically through the Wisconsin Electronic Disease Surveillance System (WEDSS), by mail or fax using an Acute and Communicable Disease Case Report ([F-44151](#)), or by other means.

B. EPIDEMIOLOGY REPORTS REQUIRED:

- *Electronically* – Report through WEDSS, including appropriate disease-specific tabs
- OR
- *Paper Copy* – Acute and Communicable Diseases Case Report ([F-44151](#)) along with:
 - Vaccine History and Serogroup Worksheet

C. PUBLIC HEALTH INTERVENTIONS:

In accordance with Wisconsin Administrative rule DHS 145.05, local public health should follow the methods of control recommended in the current edition of *Control of Communicable Diseases Manual*, edited by David L. Heymann, published by the American Public Health Association.

Protocol for Disease Management and Investigation of Contacts

For further details regarding control measures, refer to the Invasive *Haemophilus influenzae* Management Protocol.

III. CONTACTS FOR CONSULTATION

A. LOCAL HEALTH DEPARTMENT – REGIONAL OFFICES – TRIBAL AGENCIES:

<http://www.dhs.wisconsin.gov/localhealth/index.htm>

Wisconsin Division of Public Health Communicable Disease Surveillance Guideline

B. BCDER / COMMUNICABLE DISEASE EPIDEMIOLOGY SECTION: (608) 267-9003

C. WISCONSIN STATE LABORATORY OF HYGIENE / BACTERIOLOGY: (608) 263-3421

IV. RELATED REFERENCES

- Heymann DL, ed. *Haemophilus meningitis*. In: *Control of Communicable Diseases Manual*. 19th ed. Washington, DC: American Public Health Association, 2008:421-423.
- Pickering LK, ed. *Haemophilus influenzae* infections. In: *Red Book: 2009 Report of the Committee on Infectious Diseases*. 28th ed. Elk Grove Village, IL: American Academy of Pediatrics, 2009:314-321.
- Centers for Disease Control and Prevention. *Haemophilus influenzae* type b. In: Atkinson W, Wolfe S, Hamborsky J, McIntyre L, eds. *Epidemiology and Prevention of Vaccine-Preventable Diseases*. 11th ed. Washington, DC: Public Health Foundation, 2009:71-83.
- Centers for Disease Control and Prevention. Recommendations and guidelines: 2011 Childhood immunization schedules for persons aged 0-6 years and “catch-up schedule.” Available at: <http://www.cdc.gov/vaccines/recs/schedules/default.htm#child>.