Wisconsin Division of Public Health Communicable Disease Surveillance Guideline

STREPTOCOCCUS PNEUMONIAE, INVASIVE DISEASE

Last revised May 11, 2011

I. IDENTIFICATION
   A. CLINICAL DESCRIPTION: An invasive disease due to Streptococcus pneumoniae that may produce any of several clinical syndromes: meningitis, bacteremia, and/or pneumonia.

   B. REPORTING CRITERIA: Laboratory confirmation.

   C. LABORATORY CRITERIA FOR CONFIRMATION:
      • Isolation of Streptococcus pneumoniae 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 II:
      Report to the patient’s local health department either 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 within 72 hours upon recognition of a case or suspected case.

   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.

III. CONTACTS FOR CONSULTATION

   B. BCDER / COMMUNICABLE DISEASE EPIDEMIOLOGY SECTION: (608) 267-9003
C. WISCONSIN STATE LABORATORY OF HYGIENE / BACTERIOLOGY: (608) 263-3421

IV. RELATED REFERENCES


- 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.