All potential cases of invasive *H. influenzae* must be phoned to local and state health officials immediately.

**General number for CDES staff during weekdays:** (608) 267-9003

**Emergency number for on-call CDES staff after hours and on weekends:** (608) 258-0099

(Emergency number is for local health departments and clinical practitioners only, please do not distribute to the public.)

Please note: This flowchart is intended for public health investigation only and should not be used for clinical diagnosis. Refer to the Invasive *Haemophilus influenzae* Management Protocol for important details.

Because of the risk to children and delays with serotype confirmation, all cases of invasive *H. influenzae* should be treated assuming the case has serotype b (Hib).

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**Invasive *Haemophilus influenzae* Case Investigation Flowchart**

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**Does it meet the case definition?**

**Case definition:** 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, or pharyngeal swabs does not meet the case definition.*

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<table>
<thead>
<tr>
<th>NO</th>
<th>No further intervention</th>
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- Notify local and state health officials (phone call required)
- Ensure isolate is forwarded to the Wisconsin State Laboratory of Hygiene by the diagnosing lab

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**Evaluate household contacts:**

- Household has at least one child < 4 years old who has not received Hib vaccine or is incompletely immunized or
- Household has a child who is immunocompromised, regardless of child’s Hib immunization status and age

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- Provide chemoprophylaxis to all household contacts
- Update immunizations (if applicable)

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**Evaluate day care or pre-school contacts (if applicable):**

- Case child attends day care and
- ≥ 2 invasive Hib cases in the same pre-school or child care center within 60 days

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- Provide chemoprophylaxis to all pre-school or child care contacts, including to staff
- Ensure immunizations are up-to-date

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- Child contacts should be monitored for signs and symptoms (i.e., fever)
- Ensure required immunizations are up-to-date