Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: Listeriosis

Revised April 2015
Listeriosis

1.0 Provincial Reporting
   Confirmed and probable cases of disease

2.0 Type of Surveillance
   Case-by-case

3.0 Case Classification

3.1 Confirmed Case
   Laboratory confirmation of infection, with clinically compatible signs and symptoms, with the:
   - Isolation of *Listeria monocytogenes* from a site which is normally sterile (e.g., blood, cerebrospinal fluid (CSF) or, less commonly, joint, pleural, pericardial fluid);
   OR
   - Isolation of *L. monocytogenes* from miscarried or stillbirth placental or fetal tissue.

3.2 Probable Case
   Clinically compatible signs and symptoms in a person with an epidemiologic link to a laboratory-confirmed case or to a confirmed source (e.g., contaminated milk, soft cheeses, ready-to-eat meats).

4.0 Laboratory Evidence

4.1 Laboratory Confirmation
   Any of the following will constitute a confirmed case of Listeriosis:
   - Isolation of *L. monocytogenes* from a normally sterile site (e.g., blood, CSF, or less commonly, joint, pleural, pericardial fluid); or
   - In the setting of miscarriage or stillbirth, isolation of *L. monocytogenes* from placental or fetal tissue.

4.2 Approved/Validated Tests
   Bacteriological ID from the organism. Samples are then sent to the National Microbiology Laboratory (NML) for typing.

4.3 Indications and Limitations
   No serology testing available through the Public Health Ontario Laboratories.
5.0 Clinical Evidence

Clinically compatible signs and symptoms are characterized by meningitis or bacteremia; infection during pregnancy may result in fetal loss through miscarriage or stillbirth, or neonatal meningitis or bacteremia. Pregnant women may experience mild symptoms.

6.0 ICD Code(s)

6.1 ICD-10 Code(s)

A32 Listeriosis (includes listerial foodborne infection; excludes neonatal (disseminated) listeriosis P37.2)
A32.0 Cutaneous listeriosis
A32.1+ Listerial meningitis and meningoencephalitis (Listerial: meningitis (G01*); meningoencephalitis (G05.0*))
A32.7 Listerial septicaemia
A32.8 Other forms of listeriosis (Listerial: cerebral arteritis+ (I68.1*); endocarditis+ (I39.8*); Oculoglandular listeriosis)
A32.9 Listeriosis, unspecified

6.2 ICD-9/ICD-9CM Code(s)

027.0 Listeriosis (excluding congenital listeriosis (771.2))
Infection by Listeria monocytogenes
Septicemia by Listeria monocytogenes
Use additional code to identify manifestations, as meningitis (320.7)

7.0 Comments

In an outbreak situation, report confirmed cases of the diarrheal form of Listeria monocytogenes (isolated in stool).

Sporadic cases of the diarrheal form of listeriosis are not reportable.

8.0 Sources


National Notifiable Diseases Surveillance System. 1999 case definition: Listeriosis (Listeria monocytogenes) [Internet]. Atlanta, GA: Centers for Disease Control and Prevention (CDC); 2008 [cited 2009 Feb 12]. Available from:

9.0 Document History

Table 1: History of Revisions

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>Document Section</th>
<th>Description of Revisions</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2015</td>
<td>General</td>
<td>New template.</td>
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<tr>
<td></td>
<td></td>
<td>Title of Section 8.0 changed from “References” to “Sources”.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Section 9.0 Document History added.</td>
</tr>
<tr>
<td>April 2015</td>
<td>4.3 Indications and Limitations</td>
<td>Revised name of the Public Health Ontario Laboratories.</td>
</tr>
<tr>
<td>April 2015</td>
<td>8.0 Sources</td>
<td>Updated.</td>
</tr>
</tbody>
</table>