

Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: Listeriosis

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)

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)
- 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 Laboratories of the Ontario Agency for Health Protection and Promotion.

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 References

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