CHLAMYDIA

(Genital, Extra-Genital, Perinatally Acquired)

GENITAL

Case Definition

Confirmed Case:
Laboratory evidence of infection in genitourinary specimens:
- Detection of *Chlamydia trachomatis* by culture.
  OR
- Detection of *C. trachomatis* nucleic acid.
  OR
- Detection of *C. trachomatis* antigen.

EXTRA-GENITAL

Case Definition

Confirmed Case:
Laboratory evidence of infection in rectum, conjunctiva, pharynx and other extra-genital sites:
- Detection of *C. trachomatis* by culture.
  OR
- Detection of *C. trachomatis* nucleic acid.
  OR
- Detection of *C. trachomatis* antigen.

Clinical Evidence

- Females*: lower abdominal pain, vaginal discharge, pain when urinating and during sex, bleeding after sex.
- Males*: penile discharge, pain when urinating.

*Note: Infection may be asymptomatic.
PERINATALLY ACQUIRED

Case Definition

Confirmed Case:

Laboratory evidence of infection:
- Detection and confirmation of *C. trachomatis* in nasopharyngeal or other respiratory tract specimens from an infant in whom pneumonia developed in the first 6 months of life:
- Isolation of *C. trachomatis* by culture
- Detection of *C. trachomatis* nucleic acid
- Detection of *C. trachomatis* antigen
- Detection and confirmation of *C. trachomatis* in conjunctival specimens from an infant who developed conjunctivitis in the first month of life:
- Isolation of *C. trachomatis* by culture
- Detection of *C. trachomatis* nucleic acid
- Detection of *C. trachomatis* antigen

Clinical Evidence

Pneumonia, conjunctivitis

Reporting Requirements

- Report confirmed cases to DHW Surveillance Team via Panorama
- Select appropriate initial staging option in the “staging” field in Panorama
  - Update the staging field if/when new information becomes available
- With consecutive positive tests determine if it is:
  1. Same infection i.e. previously untreated do not report as a new case.
  2. False-positive i.e. if test was repeated within 4 weeks, do not report as a new case as it is likely the presence of non-viable organisms.
  3. New infection i.e. if treated with new positive test ≥ 4 weeks post-treatment reported as a new case.
4. With no further treatment information ensure 6 months between tests and report as a new case.

**Additional Forms**
None.

**Data Entry**
Complete data entry in Panorama.