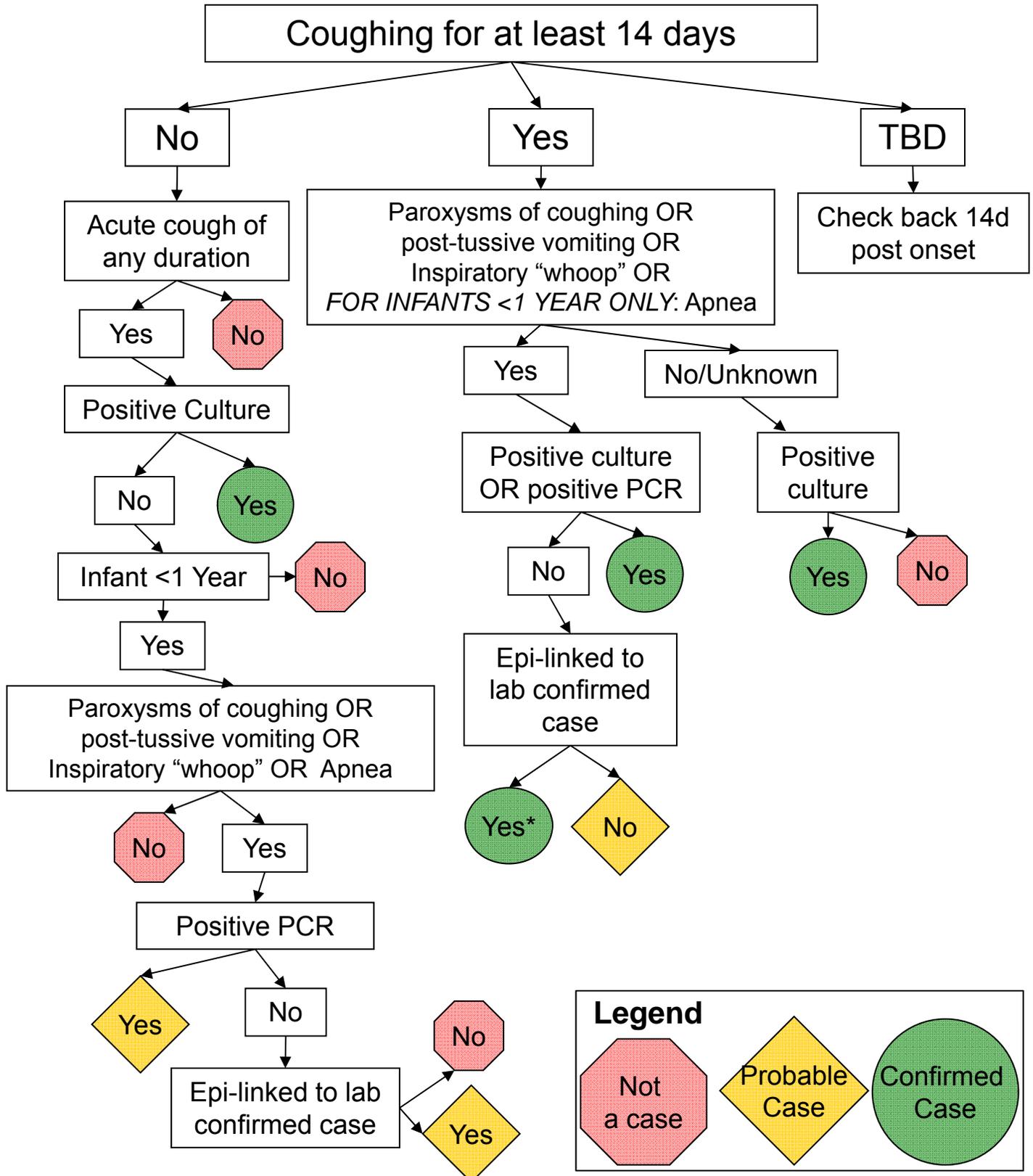


# Pertussis Case Definition Flow Chart



\*Note: An illness meeting the clinical case definition should be classified as "probable" rather than "confirmed" if it occurs in a patient who has contact with an infant aged <1 year who is PCR positive for pertussis and has ≥1 sign or symptom and cough duration <14 days (classified as "probable" case).

# Case Definition

## Clinical Criteria

In the absence of a more likely diagnosis, a cough illness lasting  $\geq 2$  weeks, with at least one of the following signs or symptoms: paroxysms of coughing; OR inspiratory whoop; OR post-tussive vomiting; OR apnea (with or without cyanosis) (FOR INFANTS AGED  $<1$  YEAR ONLY)

## Laboratory Criteria for Diagnosis

Isolation of *B. pertussis* from a clinical specimen OR positive PCR for pertussis

## Epidemiologic Linkage

Contact with a laboratory-confirmed case of pertussis\*.

## Case Classification

### Probable

- In the absence of a more likely diagnosis, a cough illness lasting  $\geq 2$  weeks, with at least one of the following signs or symptoms: paroxysms of coughing; OR inspiratory "whoop"; OR post-tussive vomiting; OR apnea (with or without cyanosis) (FOR INFANTS AGED  $<1$  YEAR ONLY)
  - **AND** absence of laboratory confirmation;
  - **AND** no epidemiologic linkage to a laboratory-confirmed case of pertussis.
- OR, FOR INFANTS AGED  $<1$  YEAR ONLY: Acute cough illness of any duration, with at least one of the following signs or symptoms: paroxysms of coughing; OR inspiratory "whoop"; OR post-tussive vomiting; OR apnea (with or without cyanosis)
  - **AND** polymerase chain reaction (PCR) positive for pertussis.
- OR, FOR INFANTS AGED  $<1$  YEAR ONLY: Acute cough illness of any duration, with at least one of the following signs or symptoms: paroxysms of coughing; OR inspiratory "whoop"; OR post-tussive vomiting; OR apnea (with or without cyanosis)
  - **AND** contact with a laboratory-confirmed case of pertussis.

### Confirmed

- Acute cough illness of any duration, with isolation of *B. pertussis* from a clinical specimen.
- OR Cough illness lasting  $\geq 2$  weeks, with at least one of the following signs or symptoms: paroxysms of coughing; OR inspiratory "whoop"; OR post-tussive vomiting; OR apnea (with or without cyanosis) (FOR INFANTS AGED  $<1$  YEAR ONLY)
  - **AND** polymerase chain reaction (PCR) positive for pertussis.
- OR Cough illness lasting  $\geq 2$  weeks, with at least one of the following signs or symptoms: paroxysms of coughing; OR inspiratory "whoop"; OR post-tussive vomiting; OR apnea (with or without cyanosis) (FOR INFANTS AGED  $<1$  YEAR ONLY)
  - **AND** contact with a laboratory-confirmed case of pertussis\*.

### Case Classification Comment(s)

\*Note: An illness meeting the clinical case definition should be classified as "probable" rather than "confirmed" if it occurs in a patient who has contact with an infant aged  $<1$  year who is Polymerase Chain Reacton (PCR) positive for pertussis and has  $\geq 1$  sign or symptom and cough duration  $<14$  days (classified as "probable" case).