

# MEASLES INVESTIGATION

## Checklist 1: Symptomatic Case-patient

- 1. Clinical Assessment of Case-patient
  - Read IRIS notes written by the Vaccine Preventable Disease Control Program (VPDCP)
  - Make home visit
  - Document rash onset date and duration
  - Document rash onset location on body and progression
  - Document fever onset date and duration
  - Document any of the 3 C's (cough, coryza, conjunctivitis)
  - Document case-patient's immune-compromised state at the time of exposure and currently
  
- 2. Isolation/Exclusion of Case-patient from Activity
  - Determine status of case-patient (e.g., has symptoms of febrile rash, confirmed to have measles by DPH, hospitalized)
  - Isolate or exclude from activity according to the status of case-patient (see B-73)
  - Contact VPDCP for all other institutional exposure isolation procedures
  
- 3. Obtain any needed specimens (urine, throat and serum) for measles testing
  - Arrange for courier pick up of specimens to Public Health Lab. M-F 8:00 am – 5:00 pm, contact Central Accessioning at (562) 658-1460. After hours call (213) 974-1234 and ask for the Public Health Laboratory Director.
  - Notify VPDCP via email to [vpdc@ph.lacounty.gov](mailto:vpdc@ph.lacounty.gov) and the VPDCP lead investigator listed in IRIS notes) of any specimens that have been collected.
  - Lab results for all available tested specimens obtained from the Public Health Lab and VPDCP
  
- 3. Assessment of Immunization History, Prophylaxis, Attempted Treatments
  - Determine case-patient's immunization history with dates and doses (obtain vaccination record)
  - Did the case-patient receive an MMR within the last 3 months?
  - Did the case-patient receive measles IG within the last 1 year?
  - Did the case-patient take any antibiotics within the last 4 weeks?
  
- 4. Establish the source of exposure to the case-patient (7-21 days prior to rash onset)
  - Provide case-patient the [Measles Activity Log - VPDCP](#) with dates of all sites visited by case-patient as possible exposure sources to case-patient (VPDCP can assist with the dates)
  - Did the case-patient travel anywhere or attend any large public gatherings/parks during the 4 weeks before the rash onset date?
  - Did the case-patient have any out-of-town visitors during the 4 weeks before the rash onset date?
  - What is the occupation and work site details of the case-patient? Healthcare worker? Infant care

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setting? Detention facility?

- 5. Identify contacts exposed to the case-patient
  - Determine the infectious period of the case-patient ( $\pm$  4 days from rash onset date)
  - Establish the exposure sites the case-patient may have visited while infectious (consider household, school, daycare, worksite, gym, carpools, social activities, religious activities, clubs, airplanes, clinics, pharmacies, etc.).
  - Determine the dates of attendance at these exposure sites. Do they overlap with the infectious period dates?
  - Provide the case-patient the [Measles Activity Log - VPDCP](#) with the infectious dates indicated so the case-patient can determine the possible exposure sites.
  - Has the case-patient been around any high-risk contacts (e.g., infants < 12 months of age, pregnant women, immunocompromised persons, health care workers)?
  - Proceed in completing the [VPDCP Measles Investigation Checklist 2](#) for Asymptomatic Contacts of a Measles Case
  
- 6. Diagnosis of measles in the case-patient
  - Consult with VPDCP as to the final diagnosis of measles in the case-patient
  
- 7. Complete measles epi form