UCSF Measles Tip Sheet

Identify
Consider measles

Consider measles in patients
- With **fever, rash, and one of the 3 C's** (cough, coryza (runny nose), conjunctivitis)
  - Maculopapular rash usually appears 3-5 days after symptoms being, starts at hairline and descends
- Who in the last 21 days had one of these **epidemiologic risk factors**:
  - With known contact with a measles case or an ill person with fever + rash
  - International travel and/or domestic travel through airport
  - Contact with international visitor or visited a venue popular with international visitors including theme parks
  - Lives in or visited a community in the US community where there are measles cases
- **Suspect measles if the patient has fever, rash, at least one of the 3 C's and any of the epidemiological risk factors, regardless of measles vaccination history.**
  - Patients who are unvaccinated or have only received 1 MMR vaccine are at highest risk.

Refer to this clinical algorithm to help evaluate patients with fever + rash



Isolate
patients with suspected or confirmed measles immediately

- Mask patients immediately. For pediatric patients who cannot tolerate being masked, place a blanket loosely over the face if clinically safe.
- Room the patient immediately:
  - In ED/inpatient settings, prioritize placement into an Airborne Infection Isolation Room (AIIR) with the door closed.
  - If an AIIR is not immediately available, place masked patient into a private room with the door closed and move them into an AIIR as soon as possible.
  - In ambulatory settings, place patient in a private exam room and close the door. Keep the door closed for the entire visit.
- Staff entering the room should wear a fit-tested N95 or PAPR.
- Keep the door closed after the patient leaves for 1 hour. Do not enter the room during this time unless wearing a fit-tested N95 respirator or PAPR.

Inform
Call Infection Prevention immediately



West Bay Infection Prevention (Parnassus, Mt. Zion, Mission Bay, BCH-SF)
Business Hours, Mon-Fri 8am-4pm
-Pediatrics: voalte (628) 248-8503
-Adult: voalte (628) 248-9059
-Main line: (415) 353-4343
After Hours, via the Hospital Supervisor
-BCH-SF: (415) 504 0728
-Moffitt-Long: (415) 353-8036, (415) 353-1964
-MB Adult Hospital: (415) 502-0562

BCH-Oakland: Call on-call peds ID

Stanyan Hospital: Jeanne Dimech: Mon-Fri 8am-4pm: Voalte; After hours: (415) 793-1089

Hyde Hospital: Janet Prado: Mon-Fri 8am-4pm: Voalte; After hours: (650) 307-2109

Measles Testing

Use the inpatient or ambulatory "Measles (Rubeola) Testing Panel for Suspected Infection" to order both of these tests:
1) Throat (preferred) or nasopharyngeal (alternative) swab for measles PCR
2) Urine specimen for measles PCR

Measles testing **must be approved** by Infection Prevention and the Department of Public Health **before testing is ordered**:
-San Francisco on-call number is (628) 217-6100
-Alameda County: (510) 267-3250 or off hours (925) 422-7595

More information is available at the UCSF HEIP Measles Resources webpage