

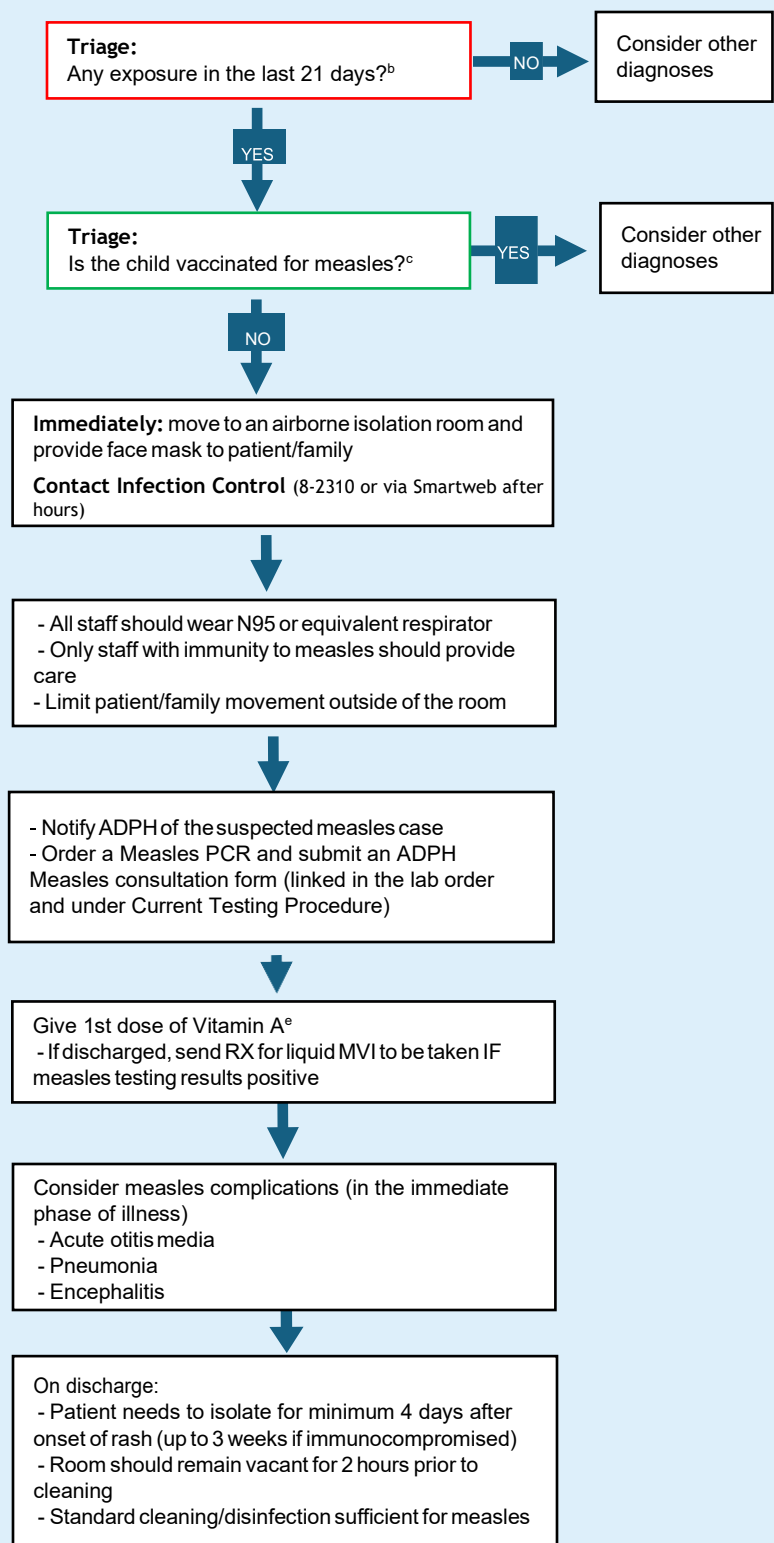
Emergency Department Pathway for a Patient with Suspected Measles



Children's
of Alabama

UAB MEDICINE

Consider measles in a patient with a febrile rash illness, or presenting with 2 days or less of fever AND cough or coryza or conjunctivitis without rash^a



^aSigns and Symptoms:

- Prodrome (fever $\geq 101.0^{\circ}\text{F}$ (38.3°C) AND cough or coryza or conjunctivitis) lasting 2-4 days followed by rash
 - coryza defined as sneezing, nasal congestion, and/or nasal discharge
- Fever resolves 1-3 days post onset of rash
- Rash is maculopapular, spreading from head downward and becoming confluent

^bEpidemiological risk factors in the past 21 days:

- Known contact with a measles case or an ill person with fever and a rash
- Travel outside the U.S. or contact with an international visitor who arrived in the U.S.
- Domestic travel through an international airport
- Visited a U.S. venue popular with international visitors
- Lives in or visited a U.S. community where **there are measles cases**

^cAppropriate vaccination:

- For a preschool aged child or younger, 1 dose of MMR given after 1st birthday
- For a school aged child or older, 2 doses of MMR

^dCurrent Testing Procedure

1. Collect throat swab. Place swab in universal transport media (UTM, purple top, pink medium). Medium must be obtained from the main laboratory if not available in the department.
2. EPIC order – “test Measles (Rubeola), PCR, Swab Ref Lab [LAB61392]”
3. Submit an [ADPH consultation form](#) (“Measles Consultation Form for Testing”) for case tracking purposes. This is required regardless of where the specimen is sent.

^eVitamin A treatment (PO only, dissolvable tabs available):

- 0-6 months: 50,000 IU (5 tabs) qday x 2 doses
- 6-12 months: 100,000 IU (10 tabs) qday x 2 doses
- >12 months: 200,000 IU (20 tabs) qday x 2 doses

Outpatient: ABDEK with zinc (MVW Complete/Pediatric) liquid

- <12 months: 1mL PO daily x 10 days
- >12 months: 2mL PO daily x 10 days

Post-exposure prophylaxis (immunocompetent patients ONLY; if severely immunocompromised and exposure < 6 days ago admit for IV IG):

- 0-6 months: IM IG (GamaStan) for patients <30kg 0.5mL/kg x1 dose (max 15mL)
- 6-12 months: MMR vaccine (if exposure < 72 hours ago). IF exposure > 72 hours but less than 6 days ago, Give IM IG (for <30kg) or IVIG 400mg/kg/dose
- >12 months: MMR vaccine (if exposure < 72 hours ago) if no record of vaccine