

Perinatal Measles

IPAC Management and Additional Precautions Recommendation

A susceptible¹ birthing person with known exposure to measles in last 21 days

Don medical mask patient and support person immediately³

Move birthing person to an AlIR ⁴ room with door <u>closed</u>.

Post Airborne, Droplet, and Contact Sign

Airborne, droplet, and contact precautions from 5 days from first exposure to 21 days after last known exposure to Measles

Alert physician immediately

Notify local Infection Prevention and Control or on call Medical Microbiologist (Evenings & Weekends)

Continue Delivery in AIIR room with birthing person and baby on Airborne, Droplet & Contact precautions

Ensure Neonatal Resuscitation Team is prepared Follow IPAC Measles Resource,
Management of Exposed Susceptible
Contacts in Healthcare Settings.

Contact local ICP 5 for support if needed.

Baby to remain on <u>Airborne, Droplet, and Contact Precautions</u>. Follow <u>IPAC Measles Resource, Management of Exposed Susceptible Contacts in Healthcare Settings.</u>

Contact local ICP 5 for support if needed.

Symptomatic²
birthing person <u>OR</u>
Recent confirmed
or suspected
measles case

Don medical
mask patient
and support
person
immediately³

Move birthing person to an AlIR ⁴ room with door closed.

Post Airborne, Droplet, and Contact Sign

Airborne, droplet, and contact precautions from 5 days from first exposure to 21 days after last known exposure to Measles

Alert physician immediately

Notify local Infection Prevention and Control or on call Medical Microbiologist (Evenings & Weekends)

** See Test 7 & Report 8 **

Continue Delivery in AIIR room with birthing person and baby on Airborne, Droplet & Contact precautions

Ensure Neonatal Resuscitation Team is prepared

Test Negative,

AND

Measles

If no other infectious disease suspected: Continue care based on Routine Practices and Point of Care Risk Assessment.

OR

Positive

clinically excluded Contact local ICP ⁵ for support if needed.

Continue <u>Airborne</u>, <u>Droplet & Contact</u> <u>precautions</u>

Follow Guidance in <u>IPAC Measles</u> <u>Resource</u>, Contacts in Healthcare Settings.

Contact local ICP 5 for support if needed.

Baby to remain on <u>Airborne, Droplet, and Contact Precautions</u>. Follow <u>IPAC Measles Resource</u>, for testing, rooming in, and breastfeeding guidelines.

Contact local ICP ⁵ for support if needed.

1)Susceptible if:

- NO laboratory evidence of prior measles infection with onset greater than 14 days ago.
- NO documented 2 doses of measles containing vaccine, given at appropriate intervals, on or after one year of age.
- NO serological proof of immunity (reactive or positive measles IgG antibody).
- **2)Symptoms of Measles:** Fever (≥ 38.3°C) and cough, runny nose (coryza) or conjunctivitis, followed by generalized maculopapular rash appearing 3-7 days after symptom onset. Refer to IPAC Measles Resource for additional signs and symptoms.
- 3) Support person Guidelines: Requires N95 respirator, glove, gowns and eye protection as outlined in <u>Airborne</u>, Droplet and Contact Precautions.
- 4) Airborne Infection isolation Room. (AIIR): If no AIIR, see <u>Management of Patient Requiring Airborne Isolation IN THE ABSENCE of AIIRs.</u>

- **5) Infection Control Professional (ICP) :** Monday Friday 08:00-16:00 contact local preventionist. <u>IPAC Contact List</u> for weekends, and statutory holidays refer to <u>IPAC Weekends and Statutory holiday coverage</u>
- **6) IPAC Guidance on baby:** <u>IPAC Measles Resource</u> provides guidance for additional precautions, testing, rooming in, and breastfeeding for baby.

birth person

birth person

baby 6

- **7) Test:** Physician to assess birthing person for clinical signs of measles and risk factors (see point 2) . Physician to order: Measles PCR on urine AND nasopharyngeal swab specimens AND Measles IgM & IgG Serology
- 8) Report: If clinical signs highly suspicious for measles and risk factors present, physician to immediately phone CD Unit at 1-866-778-7736 (M-F, 8:30-16:30) or On-call Medical Health Officer (MHO) 1-866-457-5648 (evenings & weekends) to assess likelihood of measles case