**CHLA HOSPITAL POLICY AND PROCEDURE MANUA**L

**Algorithm for Management of Measles Exposure**

**ORIGINAL DATE:** 4/98

**REVISED DATE**: 10/20

**POLICY NUMBER: IC -** 303.1**CHAPTER:** Infection Control

**APPROVED BY:** Hospital Infection Control Committee

**Notify Infection Control Ext 15510**

After hours/holidays/weekends contact ID physician on call and leave a message on the IC voicemail

Begin collecting names of exposed contacts

After hours contact LACDPH to report case (213) 240-7941

Identify Index Case

**Confirmed**

Measles IgM in oral fluid or blood or

Isolation of measles virus or detection of RNA in clinical samples e.g. blood, urine, conjunctival or nasopharyngeal secretions or Fourfold or greater rise in

Measles IgG in blood or a single high level

**Probable**

Index of suspicion is high:

A fever greater than or equal to 101.0 degrees F

Cough, coryza, or conjunctivitis followed by a generalized Rash greater than or equal to 3 days

●Vaccination history (unvaccinated or delayed vaccination)

●History of international travel

●Contact with foreign visitors

●Possible exposure to Measles patient in the past 3 weeks

Is the index Case Infectious?

Infectious Period

4 days prior to 4 days after onset of rash

Immunocompromised patients: entire course of illness

**Identify Exposed Contacts** (patients, employees/ Students, visitors)

No

No Action

Yes

Determine who among the exposed is **susceptible**: (<1 year old, immunocompromised, non-immunized against measles)

No Give second dose of MMR if first dose was received more than one month ago

Patients

Yes

* MMR within 3 days of exposure (≥12 months) note: MMR should not be administered to severely immunocompromised patients

Monitor for symptoms and isolate in Airborne Precautions from day 5-21 after last exposure

* IGIV (within 6 days of exposure)

Appropriate work restrictions if active disease

CHLA Team Members

●Off work for incubation period, 5- 21 days following exposure if not given vaccine within 72 hours following exposure

Employee contacts EHS for clearance to return to work

No

No Action

Yes

Limit or restrict hospital visitation for incubation period

Visitors

No

No Action

Yes