STATE OF COLORADO

John W. Hickenlooper, Governor
Christopher E. Urbina, MD, MPH
Executive Director and Chief Medical Officer

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.
Denver, Colorado 80246-1530
Phone (303) 692-2000
Located in Glendale, Colorado

Laboratory Services Division
8100 Lowry Blvd.
Denver, Colorado 80230-6928
(303) 692-3090

http://www.cdphe.state.co.us

Colorado Department of Public Health and Environment

HEALTH ALERT NETWORK BROADCAST
MESSAGE ID: 06072013 14:00
FROM: CO-CDPHE
SUBJECT: HAN Advisory – Measles Alert: Guidance for Emergency Departments and Healthcare Providers
RECIPIENTS: Local Health Departments, Emergency Departments, IPs, Clinical Laboratories
RECIPIENT INSTRUCTIONS: Local Health Departments should forward to healthcare providers in their jurisdiction. Health care providers please distribute widely in your office.
This message can also be found on www.satool.org/group/cohan/home.

MEASLES ALERT #2

Guidance for Emergency Departments and Healthcare Providers
June 7, 2013

******Health care providers: Please distribute widely in your office******

KEY POINTS:

- **The Colorado Department of Public Health and Environment (CDPHE) has confirmed a second measles case in an adult male who was exposed to the initial patient at a physician's office on May 23.**
- **While infectious 6/2-6/6, the second case visited multiple venues in the South Denver Metro Area. See next page for specific locations.**
- **Individuals being seen with a rash illness and fever should be assessed for measles.**
- **Immediately report all suspect measles cases to your local health agency or CDPHE (303-692-2700. After-hours call: 303-370-9395). Do not wait until laboratory results are available before reporting suspect measles cases.**
- **Assure that all staff in health care settings have documentation on file of immunity or 2 MMR vaccinations. Staff without this documentation may be excluded from the health care facility if they are exposed to measles.**
- **Be prepared for and encourage a higher demand for MMR vaccine; the public is advised to seek vaccination if unvaccinated.**

EPIDEMIOLOGIC INFORMATION:

The incubation period for measles ranges from 7 – 21 days, and susceptible individuals exposed to the second person with measles could develop measles symptoms between June 9 and June 23. Additional cases have not been identified, but may occur since the person had wide community exposure 6/2-6/6, during his infectious period. *MMR vaccination coverage in Colorado is below the established herd immunity threshold and the potential exists for the ongoing transmission of measles.*

Exposure locations:
Monday-Wednesday, June 3-June 6 at 12:30
Lone Tree Medical Plaza, 9695 S. Yosemite St., Lone Tree
Monday, June 3, 2013:
10am-2pm: Kent Denver School – Middle School Graduation; Anschutz Theatre, 4000 E. Quincy Ave. Cherry Hills Village
12:30-3:30: Hodson's Restaurant – 6851 S. Gaylord St. Centennial
6:00-7:00: Christ Lutheran Church – 8997 S. Broadway Highlands Ranch
Wednesday, June 5, 2013
3:00-5:30: Highlands Ranch Orthodontics – 1420 W. Canal Ct. Littleton

RECOMMENDATIONS / GUIDANCE

VACCINATION:

Children should routinely receive two doses of MMR vaccine. The first dose should be administered at age 12-15 months and the second dose should be administered at age 4-6 years (at the time of school entry). The minimum recommended interval between doses is 28 days.

Adults who do not have proof of immunity should receive one or two doses of MMR vaccine depending on their risk of infection. The minimum recommended interval between doses is 28 days.

- Adults at high risk of infection (including health care personnel, college students and international travelers) should receive two doses of MMR vaccine.
- Adults not at high risk of infection should receive at least one dose of MMR vaccine.

DIAGNOSIS:

The diagnosis of measles should be considered in any person with a generalized maculopapular rash and a fever, especially if accompanied by cough, coryza, or conjunctivitis *(immunocompromised patients may exhibit an atypical rash or no rash).*

Measles Symptoms:

Prodrome:	**Rash:**
Fever (usually ≥ 101 degrees F)	Usually begins on face 2-4 days after prodrome onset
Cough	Typically spreads downward/outward to hands and feet
Coryza (runny nose)	Typically is a maculopapular rash
Conjunctivitis	Lasts at least 3 days

TESTING:

Draw a serum specimen (red top tube or separator tube) for measles IgM testing. After consultation with CDPHE Communicable Disease Section staff at (303) 692-2700, specimens from highly suspect cases may be referred to the CDPHE laboratory for testing and additional specimens (e.g., urine and throat) for viral testing will likely be requested.

INFECTION CONTROL:

- Suspected measles patients (i.e., persons with febrile rash illness) should be removed from emergency department and clinic waiting areas as soon as they are identified.

- In HOSPITAL settings, patients with suspected measles should be placed immediately in an airborne infection (negative-pressure) isolation room (if available). If possible, they should not be sent to other parts of the hospital for examination or testing procedures. The exam room should not be used for 2 hours after the suspect measles patient leaves.

- In CLINIC settings, patients with suspected measles should be quickly placed in a private room with the door closed and asked to wear a surgical mask, if tolerated. The exam room should not be used for 2 hours after the suspect measles patient leaves.

- Only health care providers with presumptive evidence of measles immunity should have contact with the patient.

- **All health care personnel should have presumptive evidence of measles immunity documented and on file at their work location.**

- Current recommendations state that for healthcare personnel, presumptive evidence of measles immunity includes two doses of MMR vaccine, serologic evidence of immunity to measles, or physician-diagnosed measles (d*uring a measles outbreak, there may be additional vaccination recommendations).*

For more information, contact Meghan Barnes or Tracy Woodall at (303)692-2700