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NH-HAN 20150429



Confirmed Measles Case with Travel to New Hampshire

Key Points and Recommendations:

- Healthcare providers should be aware that a person with confirmed measles traveled to Portsmouth, NH, on 4/20/15, and stopped at a local restaurant (Flatbread Company pizza) during a time when he/she was infectious. This case is an international traveler and is NOT associated with the recent multistate outbreak.
- Healthcare providers should consider testing for measles in persons presenting with a consistent clinical syndrome of fever, cough, conjunctivitis, and coryza (the three “C”s), followed by development of a maculopapular rash, especially if they were a patron at the Flatbread Company pizza restaurant in Portsmouth, NH, on 4/20/15 between the hours of approximately 3:00 p.m. and 6:00 p.m.
- Healthcare providers should ensure their patients are appropriately vaccinated for measles. There has not been a confirmed case of measles in New Hampshire since 2011, but risk for importation exists.
- Measles testing should be performed in any person presenting with a compatible clinical syndrome and a compatible travel or exposure history within 21 days of symptom onset.
- Persons known to have been at the restaurant during the time period mentioned above, and who do NOT have presumptive evidence of immunity (see below for criteria), should contact NH DPHS at 603-271-4496 (after hours 1-800-852-3345 ext.5300).
- Suspect measles cases should be isolated and immediately reported to NH DPHS at 603-271-4496 (after-hours 1-800-852-3345 ext.5300).
- To test for measles, the following specimens should be obtained and submitted to the NH Public Health Laboratories:
 - Oropharyngeal, nasopharyngeal, or nasal swab for polymerase chain reaction (PCR)
 - Serum for IgM serology

Situation:

The NH Division of Public Health Services (DPHS) has been notified of a confirmed measles case in Massachusetts. This person traveled to Portsmouth, New Hampshire, while infectious and stopped at a local restaurant on 4/20/15. The case-patient was at Flatbread Company pizza restaurant (38 Congress Street, Portsmouth, NH) between the hours of 3:00 p.m. and 4:00 p.m. Any person who was at the restaurant during this time period, and up to 2 hours after, is considered to have been exposed to measles (time period of exposure from approximately 3:00 p.m. to 6:00 p.m.).

There are no known cases of measles in New Hampshire currently, but patrons to the restaurant and healthcare providers need to be vigilant for the development of signs/symptoms consistent with measles infection. The incubation period after exposure to measles is typically 10-14 days, but can be as long as 21 days. Given that the exposure occurred 8-9 days ago, there is no role for post-exposure prophylaxis with vaccine or immunoglobulin, but those who are not vaccinated should be encouraged to get vaccinated to prevent future infection.

Additionally, persons who were present at Flatbread Company pizza restaurant during the period of exposure, and who do NOT have presumptive evidence of immunity are asked to notify NH DPHS so we can assess risk of infection and transmission.

Presumptive Evidence of Measles Immunity:

Persons can be presumed to have immunity to measles if any of the following criteria apply:

- 1.) Documentation of age-appropriate vaccination for measles,*
- 2.) Laboratory evidence of measles immunity or evidence of past disease, or
- 3.) Birth before 1957 (note: this criterion does not apply to healthcare workers).

*Appropriate vaccination status differs by age and risk of exposure or transmission. Pre-school aged children and adults not at high risk only need one dose of the MMR vaccine. School-aged children in grades K-12, students at post-secondary educational institutions, healthcare personnel, and international travelers should have 2 doses of measles (MMR) vaccine, separated by at least 28 days.

Background Information:

See NH-HAN 20150312 Multi-State Measles Outbreak & Influenza Update, March 2015 at <http://www.dhhs.nh.gov/dphs/cdcs/alerts/documents/measlesflu-update.pdf> for background information on the clinical manifestations, transmission, and infection prevention measures for measles.

See the most recent ACIP MMR vaccine recommendations for further details:
<http://www.cdc.gov/mmwr/pdf/rr/rr6204.pdf>

For any questions regarding the contents of this message, please contact NH DHHS, DPHS, Bureau of Infectious Disease Control at 603-271-4496 (after hours 1-800-852-3345 ext.5300).

To change your contact information in the NH Health Alert Network at 603-271-4596 or health.alert@nh.gov

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Originating Agency: NH Department of Health and Human Services, Division of Public Health Services

Attachments: None

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