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[www.health.ri.gov](http://www.health.ri.gov)

## Interim Health Advisory

Date: July 1, 2009  
To: All Healthcare Providers  
From: Director of Health, David R. Gifford, MD, MPH  
Re: Information on Surveillance of H1N1 (Swine) Influenza in RI

### **Provider advisories will be issued on Wednesdays. Updated items are in bold text.**

#### Surveillance

**As of July 1, 2009 at 3 p.m., we have 149 confirmed positive cases, 44 hospitalizations, and 1 death. HEALTH has tested 572 patients for swine flu, of which the majority are not influenza A or H1N1 (swine) flu.** Confirmed case definition: a case with a positive H1N1 swine flu-specific PCR test.

Due to the number of outbreak clusters and sporadic cases in all five Rhode Island counties, H1N1 Influenza is now considered to be widespread throughout the state. Rhode Island and national surveillance data indicate increased infections in children, increased infections in individuals with chronic medical conditions, and a generally higher hospitalization rate of those infected. Although most illness in Rhode Island has been mild compared to seasonal influenza, there is an increase in the number of hospitalizations.

#### CDC Definitions

- **Cluster:** Two or more cases of acute febrile respiratory illness (AFRI) occurring within 48 to 72 hours, in residents who are in close proximity to each other (e.g., in the same area of the facility).
- **Outbreak:** A sudden increase of AFRI cases over the normal background rate or when any resident tests positive for influenza. One case of confirmed influenza by any testing method in a long-term care facility resident is an outbreak.

#### H1N1-Associated Death in RI

**HEALTH continues to be in close contact with school administrators, parents and physicians regarding the H1N1-associated death reported in last week's Provider Advisory. HEALTH is working with the school to ensure adequate and appropriate measures are followed to identify and treat new cases as they occur.**

#### Reporting

- **Hospitals have been reminded to report all confirmed or suspected influenza-related deaths to the Office of State Medical Examiners. (See today's Health Advisory for Influenza-Related Death Reporting.)**
- Report clusters and outbreaks in group residences, nursing homes, assisted living and congregate settings (i.e. camps, daycares, etc.) immediately to HEALTH's Center for Epidemiology and Infectious Diseases at 401 -222-2577(8:30am–4:30pm) or 401-272-5952 (4:30pm–8:30am). Directions for specimen collection will be given at this time for surveillance and testing decisions.

#### Testing

- **Until further notice, HEALTH is suspending the pre-authorization requirement for H1N1 (swine flu) swab testing of hospitalized patients with Influenza like illness. Treating**

physicians should use their clinical judgment in these cases and order specimens to be sent to HEALTH's lab. ICPs will be expected to continue to report hospitalized ILI cases using the current form.

- HEALTH is no longer testing in emergency departments and general ambulatory settings for routine Influenza-like Illness (ILI). We are no longer considering travel history as a criterion. Please treat based upon your clinical diagnosis and judgment. Treatment and prophylaxis guidelines can be viewed at: <http://www.cdc.gov/h1n1flu/recommendations.htm>

**Guidance for Providers**

1. Influenza-like Illness (ILI) is defined as fever, cough and/or sore throat in the absence of a known cause other than influenza. Though there is concern for H1N1 (swine) influenza, there are currently also many respiratory viral illnesses circulating, including Respiratory Syncytial Virus (RSV), Adenovirus and Parainfluenza 1, 2 and 3. For other inquiries, please contact the H1N1 (Swine) Influenza Information Line at 222-8022.
2. **Providers should advise patients as noted in previous Provider Advisories.**
3. Testing for H1N1 is unnecessary to diagnose ILI; use clinical judgment to reserve treatment for ILI for moderate to severe cases and testing for severe cases. Mild ILI cases are encouraged to stay at home, with the exception of young children, pregnant women and immune suppressed. **Note: Although the Rapid Test for influenza A has poor sensitivity for H1N1 (swine) influenza, it can be conducted in providers' offices.**
4. **Similar to usual indications, please ensure that Pneumococcal Polysaccharide Vaccines (PPSV) are updated appropriately. Please see CDC's recommendations ([http://www.cdc.gov/h1n1flu/guidance/ppsv\\_h1n1.htm](http://www.cdc.gov/h1n1flu/guidance/ppsv_h1n1.htm)) on use of the PPSV in the chart below for specific guidelines:**

Who needs to be vaccinated with PPSV?	Who needs a second dose of PPSV?
<ol style="list-style-type: none"> <li>1. Vaccinate all previously unvaccinated adults age 65+ y.o.</li> <li>2. Vaccinate all adults who smoke cigarettes.</li> <li>3. Vaccinate persons ages 2-64 y.o. who:               <ul style="list-style-type: none"> <li>Have chronic cardiovascular disease, chronic pulmonary disease, or diabetes mellitus, or who are cochlear implant patients.</li> <li>Have chronic liver disease, are alcoholic, or have a cerebrospinal fluid leak.</li> </ul> </li> <li>4. Vaccinate persons age 2-64 y.o. with functional or anatomic asplenia (including persons with sickle cell disease or splenectomy patients).</li> <li>5. Vaccinate immunocompromised persons age 2+ y.o..</li> </ol>	<p>A one-time revaccination is indicated for:</p> <ul style="list-style-type: none"> <li>All adults age 65+ y.o. who were previously vaccinated with PPSV prior to age 65 years if 5 years (or more) have elapsed since the previous dose.</li> <li>All children and adults who are at highest risk of serious pneumococcal disease or are likely to have a rapid decline in pneumococcal antibody levels (#4 and #5 at left) if 5 years (or more) have elapsed since the previous dose.</li> </ul>

- a. **For Adults:** As of April 2009, providers enrolled in Rhode Island's *Immunize for Life* adult immunization program can order PPSV23 vaccine (at no cost) with regular seasonal influenza vaccine orders. **Providers must enroll in the program to request vaccine. Deadline to enroll is July 8, 2009. To enroll or to place an order, go to: <https://kidsnet.health.ri.gov/adultiz-prod/index.jsp>. For questions, contact Deborah Porrazzo at 222-7876.**

- b. **For Children:** Pediatric providers can continue to order PPSV23 for high-risk children with monthly vaccine orders. Questions contact: Mark Francesconi at 222-5988 or Paul McKiernan at 222-4639.
5. School-aged children diagnosed with ILI must be excluded from school for 7 days from onset of symptoms or until asymptomatic for 24 hours, whichever is longer.
6. Those who are considered at high-risk for complication of H1N1 Influenza by CDC include:
  - a. Children younger than 5 years old. The risk for severe complications from seasonal influenza is highest among children younger than 2 years;
  - b. Anyone age 65 or older;
  - c. Pregnant women;
  - d. Those with chronic pulmonary (including asthma), cardiovascular (except hypertension), renal, hepatic, hematological (including sickle cell disease), neurologic, neuromuscular, or metabolic disorders (including diabetes mellitus);
  - e. Immunosuppression, including that caused by medications or by HIV;
  - f. Persons younger than 19 years of age who are receiving long-term aspirin therapy; and
  - g. Residents of nursing homes and other chronic care facilities.
7. Specific advice for providers regarding the need for testing or treatment of H1N1 in pregnant women can be accessed by calling Women and Infants Hospital of Rhode Island (401-274-1100) and asking to have either the maternal fetal medicine physician or the obstetric medicine attending on call paged. This expert physician consultation will be able to advise regarding antiviral treatment and be able to facilitate influenza PCR testing.
8. HEALTH expects that the response to H1N1 (swine) flu will likely last throughout the summer and fall. All healthcare practices should develop and/or implement standard office policies and procedures to handle continued surge in patient visits. HEALTH encourages all healthcare facilities to implement infection control guidelines where appropriate. For details on infection control, visit: [http://www.health.ri.gov/pandemicflu/ProviderAdvisory/050\\_109advisory.pdf](http://www.health.ri.gov/pandemicflu/ProviderAdvisory/050_109advisory.pdf)
9. Please remember to review clinical guidance and advisories posted on HEALTH's website. Any guidance that is revised or updated will be date stamped for easier reference.

### **Resources**

- HEALTH at <http://www.health.ri.gov>; H1N1 Information Line (M-F 8:30am- 4:30pm) 401-222-8022
- CDC at <http://www.cdc.gov/h1n1flu/>
- WHO at <http://www.who.int/csr/disease/swineflu/en/index.html>