MOCK HEALTH ALERT
FOR MEDICAL & HEALTH DISASTER EXERCISE
MAY 13, 2008
SEVERE PANDEMIC INFLUENZA IN SAN FRANCISCO - UPDATE

As mentioned in previous health alerts, the WHO has declared pandemic phase to level 6, and the CDC escalated the Pandemic Flu Federal Government Response Stage to level 5 (spread throughout the United States) in April 2008. 10,125 San Francisco cases have been reported. SFDPH recommends that “Severe Pandemic Influenza Infection Control Recommendations for the Healthcare setting (including EMS),” as posted on www.sfdph.org/cdcp should be implemented. Pre-pandemic H5N1 Vaccine has been requested but is still unavailable for San Francisco. All reported and confirmed cases have demonstrated resistance to all antiviral treatments.

All Healthcare facilities are experiencing equipment and operational staffing shortages, including the following:
- All ventilators currently housed within acute care facilities are in use.
- N95 and surgical mask stock is at 25% of normal and distributors are only able to fill 10% of your facility’s next requested order.
- Essential support and operational supplies are at minimal levels due to external staffing shortages including food service, laundry service and housekeeping services.

San Francisco Department of Public Health (SFDPH) requests that all hospitals be alert for cases of Pandemic influenza, inform SFDPH of aggregate cases daily, and implement appropriate infection control measures, as outlined below. This alert and additional information is posted on the SFDPH website: www.sfdph.org/cdcp. A conference call for San Francisco clinicians with questions will be held today from 11:30 am to 12 pm. Call (877) 214-5637; the pass code is 949772.

**Actions requested of all clinicians**

1. Be alert for cases of pandemic influenza.
2. Report aggregate cases of pandemic influenza that meet the criteria below to SFDPH Disease Control (554-2830).
3. Implement appropriate infection control measures and encourage respiratory etiquette among your staff and patients. See guidance below.

**SURVEILLANCE/REPORTING**

**Suspect pandemic flu cases:**
Report total number of suspect cases daily (today between 10a-12pm) to SFDPH Disease Control (554-2830) that meet the following criteria:

A patient who has a respiratory illness with onset of illness after April 2008 that meets criteria 1, 2, 3 & 4:
1. Requires hospitalization or is fatal; AND
2. Has or had a documented temperature of ≥38º C (100.4º F); AND
3. Has radiographically confirmed pneumonia, acute respiratory distress syndrome (ARDS), or other severe respiratory illness for which an alternate diagnosis has not been established; AND
4. Has an epidemiologic link to a case of pandemic influenza.

For reference materials see: www.sfdph.org/cdcp.

**INFECTION CONTROL**

- For suspect and confirmed cases of Pandemic influenza: standard, contact, airborne, and eye protection precautions are recommended. Hospitalized patients should be managed with these infection control precautions until the infectious period has passed (i.e., 14 days after onset of symptoms) unless an alternate diagnosis is established or infection with influenza is excluded. Consider extending these precautions to 21 days or longer in pediatric or immune-compromised persons with Pandemic influenza infection.
- Consider doing refresher training for your key staff on appropriate use of PPE.
- Legal isolation orders for cases will be issued to each hospital.
- Restrict from work and monitor for 10 days after their last symptoms hospital staff who are suspect cases as defined previously. Include suspected or confirmed health care worker cases in daily line lists of cases to SFDPH Disease Control (Fax: 554-2848).
- For all patients & staff, encourage good respiratory etiquette/cough hygiene and hand hygiene. This includes:
  1. Not coughing or sneezing into hands but covering the mouth and nose with a tissue instead;
  2. Encouraging all people to wear a surgical mask;
  3. Performing hand hygiene after any contact with respiratory secretions or contaminated objects.
- Prioritize respiratory protection for staff caring for cases. When adequate supplies are available, consider N95 respirator or mask use during care for coughing or sneezing patients unable to contain their secretions.
- Restrict from work and monitor for 10 days after their last exposure hospital staff who are contacts to a case or suspect case as defined below. If this is absolutely not possible due to staffing availability and needs, only allow healthcare contacts and previously ill staff to take care of suspected pandemic flu cases.
  - **Hospital contacts to a case or suspect case:**
    - Healthcare workers and others (e.g., housekeeping staff) who were exposed to respiratory, oral or nasal secretions from a symptomatic case during the infectious period (i.e., 14 days after onset of symptoms) AND who did not wear appropriate personal protective equipment (e.g., N95 mask, gloves, goggles, etc.) during the exposure;
    - Laboratorians and others with unprotected exposure to laboratory specimens from a case.

Download specific guidelines, patient materials and a monitoring log sheets for health care workers from our website: http://www.sfcdcp.org/pandemicfluexercise.cfm Updates will be added periodically.

**PANDEMIC INFLUENZA GENERAL RESPONSE**

SFDPH is monitoring the situation which includes surveillance at hospitals to identify cases. We are working closely with hospitals to ensure that appropriate infection control measures are implemented and coordinating with our public health partners within the Bay Area, the State and CDC. We are no longer processing specimens specifically for the pandemic influenza strain. For more information, visit our website. Additional information will be disseminated via press conferences to major local media outlets.

**INFORMATION FOR PATIENTS**

Pandemic Flu Frequently Asked Questions can be downloaded at www.sfdph.org/cdcp

**ADDITIONAL INFORMATION**

SFDPH website: www.sfdph.org/cdcp - click on pandemic influenza link
California Department of Public Health website: www.cdph.ca.gov
Centers for Disease Control: www.cdc.gov/flu

**Department of Health & Human Services website:** www.pandemicflu.gov
Reportable Diseases & Conditions

The Communicable Disease Control Unit physicians and public health staff at the San Francisco Department of Public Health work around the clock to receive and respond to communicable disease reports. Physicians and health care providers, per Title 17 of the California Code of Regulations are legally required to report suspected, lab-confirmed, and/or clinical diagnoses of specific diseases and conditions within specified time frames to the San Francisco Department of Public Health.

To download a copy of the recently updated list go to: www.sfcdcp.org/index.cfm?id=86