

Pandemic Influenza Reference Guide: Acute Care



In the event of an pandemic influenza, it is expected that all hospitals will see a significant patient surge as well as interruptions or delays in receiving supplies that are vital for their healthcare continuity. Governments and industry leaders, both in the U.S. and overseas, have documented their recommendations on how hospitals should prepare. This document serves as a reference guide for Acute Care facilities that would like to know more about how they can adequately prepare for pandemic influenza.

United States – Department of Health and Human Services

HHS Pandemic Influenza Plan, Supplement 3 Healthcare Planning, (a) Planning for Provision of Care in Hospitals and (h) Surge Capacity.

Healthcare facilities should plan ahead to address emergency staffing needs and increased demand for isolation wards, ICUs, assisted ventilation services and consumable and durable medical supplies. Hospital planners can use FluSurge software (<http://www.cdc.gov/flu/flusurge.htm>) to estimate the potential impact of a pandemic on resources such as staffed beds (both overall and ICU) and ventilators.

Consumable and Durable Supplies

- Evaluate the existing system for tracking available medical supplies in the hospital to determine whether it can detect rapid consumption, including items that provide personal protection (e.g. gloves, masks). Improve the system as needed to respond to growing demands for resources during an influenza pandemic (FluSurge)
- Consider stockpiling enough consumable resources for the duration of a pandemic wave (6-8 weeks).
- Assess anticipated needs for consumable and durable resources, and determine a trigger point for ordering extra resources. Neighboring hospitals might consider developing inventories of equipment and determining whether and how that equipment might be shared during a pandemic.



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United States – Select Individual State Government Plans

The U.S. Federal Government has tasked each state government to develop and implement a State Pandemic Influenza Preparedness Plan. Many of these state plans directly recommend for hospitals to analyze critical medical supplies and increase inventory needed to maintain healthcare continuity in the event of a pandemic.

For example:

New York State Department of Health Pandemic Influenza Plan, February 2006

- New York State's plan recommends to "inventory existing supplies and estimate resources required to address patient needs during pandemic."

http://www.health.state.ny.us/diseases/communicable/influenza/pandemic/docs/pandemic_influenza_plan.pdf

New Jersey Department of Health and Senior Services Pandemic Influenza Plan (Draft), February 1, 2006

- New Jersey's plan recommends that "hospitals...consider stockpiling some of the above items, as appropriate," which include PPE, N-95 respirators, antivirals, vaccine administration supplies [syringes], intravenous supplies, and antibiotics. The New Jersey Department of Health and Senior Services has begun to stockpile some of these items.

http://www.state.nj.us/health/flu/documents/pandemic_draft_022006.pdf

United States – Professional Association Plans

Professional Associations

The Association for Healthcare Resource & Materials Management (AHRMM), the Health Industry Distributors Association (HIDA), and the Health Industry Group Purchasing Organization (HIGPA) have created a medical surgical Supply Formulary by Disaster Scenario.

- The core formulary has the basic supplies needed for each adult category in any type of disaster scenario.

- Core formulary items include:

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| — 10 cc and 60 cc needle-less syringes | — 18 G 1 ½" Safety Needles |
| — 3 cc 23 G 1" Safety Syringes | — 20 G 1" Safety Needles |
| — 3 cc 22 G 1 ½" Safety Syringes | — Sharps containers |
| — TB Syringes | — 20 G and 18 G IV Start Catheters |
| — Insulin Syringes | — Winged Infusion set 23 G & 25 G |
| — Blunt Plastic Cannula | — IV Start Kits |
| — Lever Lock Cannula | — Alcohol Wipes |

<http://www.hida.org/images/upload/otherimages/Med%20Supply%20Formularies%20by%20Disaster.pdf>



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