AUGMENTING ICU CAPACITY
U.S.A Experience

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AUGMENTING CAPACITY

* STAFF
* STUFF
* SPACE
* STRUCTURE
What Doctors Are Available?
Who is doing what?
Advanced Registered Nurses
Emergency Privileges
Training
CAPACITY
CAPABILITY
Tiered Staffing Strategy for Pandemic
Requiring Significant Mechanical Ventilation

Modified from the Ontario Health Plan for an Influenza Pandemic Workgroup. Critical Care During a Pandemic.
NURSING AND OTHER PERSONNEL

1 ICU Nurse
4 Ward Nurses
Respiratory Therapies
OR assistant personnel
Outpatient assistant personnel
EQUIPOS Y SUMINISTROS

- Ventilators
- Oxygen
- Sedation
- Research drugs
- Common medications
Ventilators

- Standard Ventilators
- * Transport and Portable ventilators (includes Strategic National Stockpile)
- * Anesthesia Machines
- * Converted BiPAP
- * Additional Solutions
Medications

* COMMON
  ◦ Restrictions
  ◦ Protocols
  ◦ Privilege limitations

* RESEARCH
  ◦ Task Force
  ◦ Protocols
  ◦ Ethics Committee
* Limit heroic treatments (ECMO, NO, etc.)

* Plan.

* Quantify and Distribute

Ethics Committee
* Where is the Expansion going?

* Design and Plan
  
  Contain  Supplies  Protect

SPACE
* Enough to transfer a patient from bed to bed

* Enough to allow Resuscitation Efforts

* Enough to allow for Ambu usage

Enough for procedures

Adequate Space?
Structure

- Incident Command Center
- Communications
- Ethics Committee
- Command Structure
- External Help
Triage and Allocation of ICU resources during a catastrophe
TRIAGE AND THE ALLOCATION OF ICU RESOURCES DURING CATASTROPHIC EVENTS

Recommendations of the Task Force of the System-Wide Adult Critical Care Committee (SWACCC)
Baptist Health South Florida
12/10/2009
Reviewed: July 2014

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AUGMENTING CRITICAL CARE CAPACITY DURING DISASTERS
Plan everything ahead... Prepare yourself for the worse and hope for the best!