



The National Center for the Study of Preparedness and Catastrophic Event Response

Crisis Standards of Care

4th Annual DHS University Network Summit



Agenda:

- Introduction Gabor D. Kelen, M.D., FACEP, FAAEM, FRCP(C)
- Crisis Standards of Care: Transition and Evolution of Planning Sally Phillips, RN, PhD
- Crisis Standards of Care: A Review of the IOM Report Dan Hanfling, MD
- Addressing the Operational Challenge: One Hospital's Experience Elizabeth Lee Daugherty, MD, MPH
- Crisis Standards of Care: Potential Legal Issues
 Darren P. Mareiniss, MD, JD





Crisis Standards of Care: Transition and Evolution of Planning

Sally Phillips, RN, PhD

Director, Public Health Emergency Preparedness Research
AHRQ





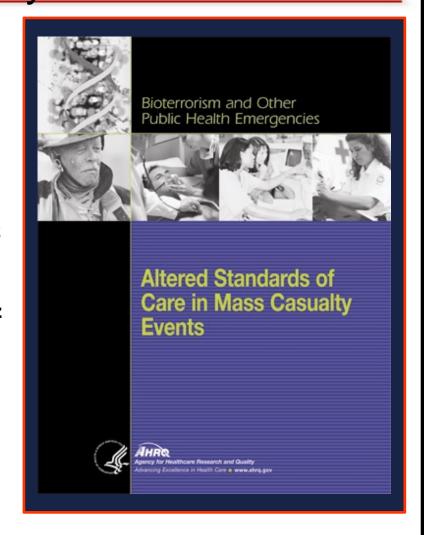
Background

In the event of a catastrophic public health- or terrorismrelated event, such as an influenza pandemic or the detonation of improvised nuclear devices, the resulting tens of thousands of victims will be likely to overwhelm the resources of a community's health care system. In this dire scenario, referred to as a mass casualty event (MCE), it will be necessary to allocate scarce resources in a manner that is different from usual circumstances but appropriate to the situation. Making optimal decisions concerning the allocation of scarce resources could make a big difference in the degree to which health care systems continue to function; ultimately it could mean saving many thousands of lives.



Altered Standards of Care in Mass Casualty Events

- Report offers guidelines for officials on how to plan for delivering health & medical care in mass casualty event
- Includes recommendations of an expert panel convened by HHS' AHRQ and the Office of Public Health Emergency Preparedness
- Available on the Web:2005



http://www.ahrq.gov/research/altstand/

Altered Standard of Care Recommendations

- Examine how current standards of care might need to be altered in a mass casualty situation
- Identify appropriate planning, guidance, and tools and related issues to ensure an effective health and medical care response
- Recommend specific action steps to address the needs of Federal, State, regional, community, and health systems planners
- Engaging the public to promote transparency of decisions and promote personal preparedness



Duty to Plan

"Note that in an important ethical sense, entering a crisis standard of care mode is not optional – it is a forced choice, based on the emerging situation. Under such circumstances, failing to make substantive adjustments to care operations — i.e., not to adopt crisis standards of care — is very likely to result in greater death, injury or illness."



Mass Medical Care with Scarce Resources

A Community Planning Guide (2007)

Collaboration between AHRQ and ASPR

- Ethical Considerations in Community Disaster Planning
- Assessing the Legal Environment
- Prehospital Care
- Hospital/Acute Care
- Alternative Care Sites
- Palliative Care
- Avian Influenza Pandemic Case Study

http://www.ahrq.gov/research/mce/



Ethical Principles

- Greatest good for greatest number
- Ethical process requires
 - -Openness
 - Explicit decisions
 - -Transparent reporting
 - Political accountability
- Difficult choices will have to be made; the better we plan the more ethically sound the choices will be



Legal Issues

- Advance planning and issue identification are essential, but not sufficient
- Legal Triage planners should partner with legal community for planning and during disasters



PreHospital

EMS considerations

- Shift in scope of practice and protocols
- Triage protocols and medical directives prescripted
- EMAC and MOU agreements for resource sharing reexamined
- Ambulance, Dispatch and transport regulations
- Drug Caches- re: palliative care, pain management
- Personal Protective Equipment



Incremental changes to standard of care

Usual patient care provided

Austere patient care provided

Low impact administration changes

High-impact clinical changes

Administrative Changes Clinical Changes to usual care to usual care Vital signs checked less Triage set up in Significant reduction in Re-allocate ventilators lobby area documentation regularly due to shortage Significantly raise Deny care to those Significant changes in threshold for admission Meals served by presenting to ED with nurse/patient ratios (chest pain with normal nonclinical staff minor symptoms ECG goes home, etc.) Use of non-healthcare Use of non-healthcare Stable ventilator patients Nurse educators pulled workers to provide basic workers to provide basic managed on step-down patient cares (bathing, patient cares (bathing, to clinical duties beds assistance, feeding) assistance, feeding) Cancel most/all Allocate limited **Disaster documentation** Minimal lab and x-ray outpatient appointments antivirals to select forms used testing and procedures patients





Mass Casualty Response: Alternate Care Site Selector (2004)

- ➤ Tool helps regional planners locate and rank potential alternative sites during a bioterrorism or other public health emergency
- Recommendations for staff, supplies and equipment are included as appendices
 - Levels of Caches
 - Selecting an Alternative Site
 - The Supplemental Oxygen Problem
 - Staffing an Alternative Site
- http://www.ahrq.gov/research/altsites.htm



Disaster Alternate Care Facilities: Report and Interactive Tools

The report and tools provide help for community planners

- Developing a "concept of operations" manual for a specific iteration of an ACF.
- Determining staffing for an ACF.
- Selecting hospital inpatients that might be eligible for transfer to an ACF.
- Determining equipment / supplies necessary for an ACF.

The two new interactive tools are *Disaster Alternate Care Facility Selection Tool* and an ancillary tool, *Alternate Care Facility Patient Selection Tool*; both are available at http://www.ahrq.gov/prep/acfselection/. 2010



Catastrophic Mass Casualty Palliative Care

Palliative Care is:

- Evidence-based medical treatment
- Vigorous care of pain and symptoms throughout illness
- Care that patients want

Palliative Care is not:

- Abandonment
- The same as hospice
- Euthanasia
- Hastening death



Prevailing circumstances Catastrophic MCE Triage + 1st response Receiving **Existing** disease hospice and modifying **PC** patients treatment The too The optimal The too sick to for treatment well survive



Catastrophic MCE and Large Volume



Initially left in place

Then:



Other than active treatment site

*

- 1. Those exposed who will die over the course of weeks
- 2. Already existing palliative care population
- 3. Vulnerable population who become palliative care due to scarcity



Introduction – Framing the Problem

Consider the scenarios

- Pandemic
- Bioterrorism
- Natural disaster/catastrophes

Regional IOM workshop descriptions

- Participants
- Locations
- Agenda
- Goals
- Outcomes



Crisis Standards of Care Protocol Development

California Department of Public Health

- Who makes the plan?
 - Nurses
 - Physician assistants
 - Physicians
 - Pharmacists
 - Administrators
 - Morticians
 - Academia
 - Government
 - Many others

Standards and Guidelines for Healthcare Surge During Emergencies

Volume I: Hospitals

Utah Pandemic Influenza
Hospital and ICU Triage Guidelines
Prepared by UTAH HOSPITALS AND HEALTH SYSTEMS ASSOCIATION
for the Utah Department of Health

Version 1, January 10, 2009

• Researching existing data/resources

DEMIC RECOMMENDED ACTIONS FOR LITHCARE FACILITIES BY EVENT STAGE*

MINNESOTA HEALTHCARE SYSTEM PREPAREDNESS PROGRAM

RED:

DRAFT 2⁻

GRÆN:



Surge Capacity Continuum of Care

NORTH DAKOTA'S EXAMPLE

- Stage 1: Small
 Outcome Impact
- Stage 2: Moderate
 Outcome Impact
- Stage 3: Severe
 Outcome Impact

BOX 4 Stages of Care in North Dakota's Plan

STAGE 1: SMALL OUTCOME IMPACT

- Tighter admission criteria
- Early discharge
- Eliminate comfort-care nursing
- · Increase shift length
- Small increases in patient-toprovider ratio
- Eliminate dietary preference
- · Limited post-mortem care
- Hospital access restriction
- Cohorting

STAGE II: MODERATE OUTCOME IMPACT

- Acute care remains at nursing homes
- · Limitations in services, diagnostics
- Limited expansion of privileges
- Moderate increase in patient-toprovider ratio
- Provider recruitment (e.g., retired)
- · Increased care by family members
- Decreased frequency of vital signs
- Changes in palliative care
- Changes in charting

STAGE III: SEVERE OUTCOME IMPACT

- Marked expansion in privileges
 Large increase in patient to
- Large increase in patient-toprovider ratio
- Use of volunteers for some patient care
- Family administration of meds
- Palliative threshold increase (low survival conditions)
- No cardiopulmonary resuscitation
- Clinical judgment replaces diagnostics
- Changes in informed consent requirements
- Minimal charting



Stakeholder - Provider Involvement and Engagement

- Those with a critical roles include
 - EMS
 - Physicians
 - Hospital officials
 - Nurses
- Engagement challenges cited
 - Time
 - Funding
 - Culture resistant to crisis standards concepts



Public Engagement and Education

- Engagement challenges
 - Public is generally uneducated
 - History of distrust
- Changing the Culture of preparedness
 - Use awareness from recent disaster events
 - Include in educational curriculum
- Elected officials and media as allies



Developing Intra and Interstate Cooperation and Consistency

- Reasons for consistency
- Approaches by states
 - Massachusetts
 - Virginia
- Regional applications
 - FEMA Region 4
 - Capital region's "All-hazards" consortium
 - Interstate Disaster Medical Cooperative
 - Village-to-Village Communication



Clinical Operations - Components

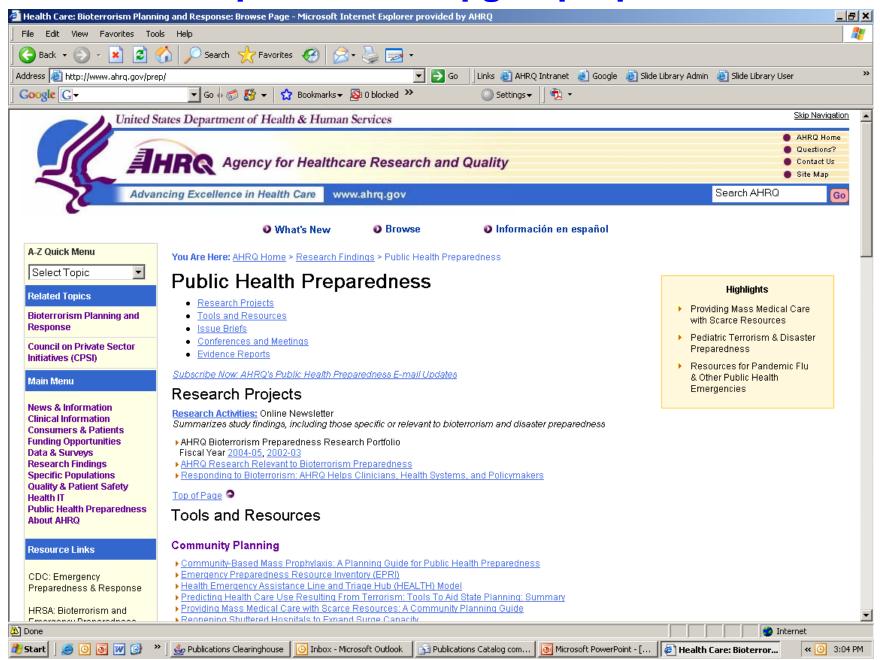
- Indicators
- Triggers
- Triage
- Alternate care facilities
- EMS, community health & other components
- Resource availability and distribution
- Pediatrics and other "at risk" populations
- Palliative care
- Mental health
- Training



Conclusions

- Four Regional Workshops
- Highlighted work ongoing around the nation
- More work needed for
 - Palliative care planning
 - Mental/behavioral health
 - Vulnerable populations
 - Public and provider engagement
 - Consistency
- How far do we go?

http://www.ahrq.gov/prep/





Publications & Tools

- To order a copy of reports, tools, or resources:
 - -contact the AHRQ Publications Clearinghouse at 800-358-9295
 - -Send an E-mail to ahrqpubs@ahrq.hhs.gov.







For More Information

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Crisis Standards of Care: A Review of the IOM Report

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Emergence of a Novel Swine-Origin Influenza A (H1N1) Virus in Humans

Novel Swine-Origin Influenza A (H1N1) Virus Investigation Team*



Newswe

CURBING EXCESSIVE END-OF-LIFE CARE IS GOOD FOR AMERICA



Driving Considerations

- Which patients should receive limited resources, and who decides?
- Should professional standards of care change?
 And what are the indicators leading to such change? What are the triggers for implementation?
- Should the law grant civil or criminal immunity to professionals acting in good faith?

September 24, 2009

Nicole Lurie, M.D., M.S.P.H.
Assistant Secretary for Preparedness
and Response
Office of the Assistant Secretary for
Preparedness and Response
Department of Health and Human Services
200 Independence Ave., S.W.
Washington, DC 20201

Dear Dr. Lurie:

On behalf of the Institute of Medicine (IOM) Committee on Guidance for Establishing Standards of Care for Use in Disaster Situations, we are pleased to report our conclusions and recommendations. At the request of the Office of the Assistant Secretary for Preparedness and Response, Department of Health and Human Services, the IOM convened this committee to develop guidance that state and local public health officials and health-sector agencies and institutions can use to establish and implement standards of care that should apply in disaster situations—

Guidance for **Establishing Crisis** Standards of Care for **Use in Disaster** Situations



When To Adopt Crisis Standards of Care?

- severe shortages of equipment, supplies, and pharmaceuticals
- an insufficient number of qualified healthcare providers
- overwhelming demand for services
- lack of suitable resources

Under these circumstances, it may be impossible to provide care according to the <u>conventional standards</u> <u>of care</u> used in non-disaster situations, and, under the most extreme circumstances, it may not even be possible to provide the most basic life-sustaining interventions to all patients who need them.



A substantial change in usual healthcare operations and the level of care it is possible to deliver, which is made necessary by a pervasive (e.g., pandemic influenza) or catastrophic (e.g., earthquake, hurricane) disaster.



This change in the level of care delivered is justified by specific circumstances and is formally declared by a state government, in recognition that crisis operations will be in effect for a sustained period.



The formal declaration that crisis standards of care are in operation enables specific legal/regulatory powers and protections for healthcare providers in the necessary tasks of allocating and using scarce medical resources and implementing alternate care facility operations.





Key Elements of Crisis Standards of Care Protocols	Components
Ethical considerations	 Fairness Duty to care Duty to steward resources Transparency Consistency Proportionality Accountability
Community and provider engagement, education, and communication	o Community stakeholder identification with delineation of roles and involvement with attention to vulnerable populations o Community trust and assurance of fairness and transparency in processes developed o Community cultural values and boundaries o Continuum of community education and trust building o Crisis risk communication strategies and situational awareness o Continuum of resilience building and mental health triage o Palliative care education for stakeholders



Key Elements of Crisis Standards of Care Protocols	Components
Legal authority and environment	 Medical and legal standards of care Scope of practice for healthcare professionals Mutual aid agreements to facilitate resource allocation Federal, state, and local declarations of: Emergency Disaster Public health emergency Special emergency protections (e.g., PREP Act, Section 1135 waivers of sanctions under EMTALA and HIPAA Privacy Rule) Licensing and credentialing Medical malpractice Liability risks (civil, criminal, Constitutional) Statutory, regulatory, and common-law liability protections



Key Elements of Crisis Standards of Care Protocols	Components
Indicators and triggers	Indicators for assessment and potential management Situational awareness (local/regional, state, national) Event specific Illness and injury—incidence and severity Disruption of social and community functioning Resource availability Triggers for action Critical infrastructure disruption Failure of "contingency" surge capacity (resource-sparing strategies overwhelmed) Human resource/staffing availability Material resource availability Patient care space availability



Key Elements of Crisis Standards of Care Protocols	Components
Clinical process and operations	Local/regional and state government processes to include: State-level "disaster medical advisory committee" and local "Clinical care committees" and "triage teams." Resource-sparing strategies Incident management (NIMS/HICS) principles Intrastate and interstate regional consistencies in the application of crisis standards of care Coordination of resource management Specific attention to vulnerable populations and those with medical special needs Communications strategies Coordination extends through all elements of the health system, including public health, emergency medical services, long-term care, primary care, and home care Clinical operations based on crisis surge response plan: Decision support tool to triage life-sustaining interventions Palliative care principles Mental health needs and promotion of resilience



THE CONTINUUM OF CARE: CONVENTIONAL, CONTINGENCY AND CRISIS

	Altered Standard of Care	Resource Constrained	Practicing Outside Experience	Focus of Care
Conventional	No	No	No	Patient
Contingency	Slightly	Slightly	No	Patient
Crisis	Yes	Yes	Yes	Population



WHAT TO 'EFFECT' WHEN YOU ARE EXPECTING (the worst)

REALLOCATE

REUSE

ADAPT

SUBSTITUTE

CONSERVE

AVAILABILITY OF RESOURCES

LOTS

LITTLE

Conventional

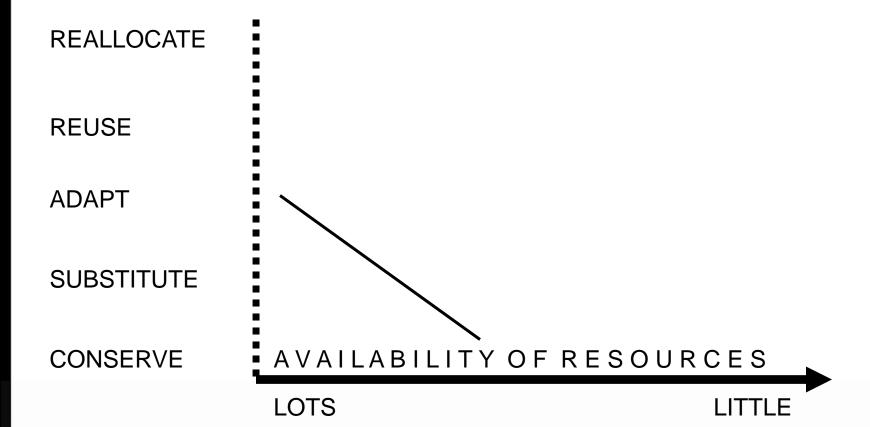
Contingency

Crisis



SIR.....WE HAVE A PROBLEM

Conventional Capacity/ Standard of Care





VANISHING RESOURCES

Contingency Capacity/Standard of Care

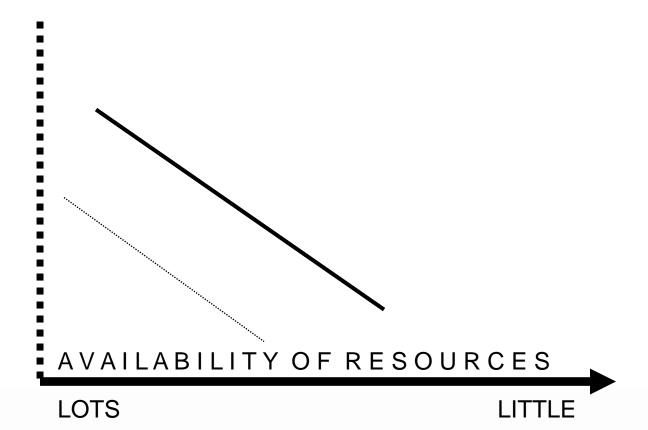
REALLOCATE

REUSE

ADAPT

SUBSTITUTE

CONSERVE





THERE ARE NO MORE......

Crisis Capacity/Standard of Care

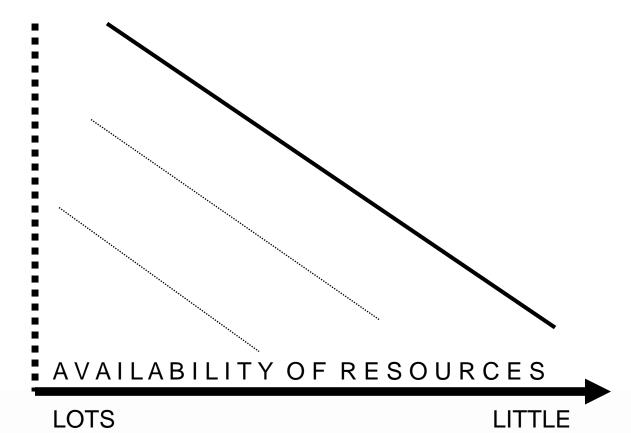
REALLOCATE

REUSE

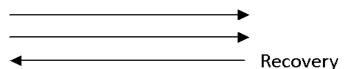
ADAPT

SUBSTITUTE

CONSERVE



Incident demand / resource imbalance increases Risk of morbidity / mortality to patient increases



	Conventional Contingonou		Crisis			
	Conventional	Contingend	· · · · · · · · · · · · · · · · · · ·		Crisis	
Space Usual patient		Patient care areas re-purposed (PACU,			Facility damaged / unsafe or	
•	care space fully	monitored units for ICU-level care)			non-patient care areas	
	utilized				(classrooms,	etc) used for
					patient care	
Staff Usual staff		Staff extensio	n (brief deferrals of	non-emergent	Trained staff unavailable or	
	called in and	service, supervision of broader group of patients, change in responsibilities,			unable to adequately cae for volume of patients even with	
	utilized					
		documentation, etc)			extension techniques	
Supplies	Cached and	Conservation, adaptation, and substitution of		Critical supplies lacking, possible re-allocation of life- sustaining resources		
	usual supplies	supplies with occasional re-use of select supplies				
	used					
Standard	Usual care	Functionally equivalent care		Crisis standards of care ¹		
of care						
		<u> </u>			\	
Usual operating '				•	•	Austere operating
condition	is]			conditions
l l		r potential Trigger: crisis standards ² of care ³		standards		
			1			

- 1) Unless temporary, requires state empowerment, clinical guidance, and protection for triage decisions and authorization for alternate care sites / techniques. Once situational awareness achieved, triage decisions should be as systematic and integrated into institutional process, review, and documentation as possible.
- 2) Institutions consider impact on the community of resource utilization (consider 'greatest good' vs. individual patient needs for example, conserve resources when possible) but patient-centered decision-making is still the focus
- 3) Institutions (and providers) must make triage decisions balancing the availability of resources to others and the individual patient's needs shift to community-centered decision-making



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Crisis Standards of Care Addressing the Operational Challenge: One Hospital's Experience

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Medical Control Chief

Office of Emergency Management

Johns Hopkins Hospital and School of Medicine



Usual capacity

- U.S.
 - 87-88,000 non-federal critical care beds
 - 65-80% occupancy

- The Johns Hopkins Hospital
 - 100 critical care beds
 - Variable occupancy higher than national average



The challenge

Table 1. Number of Episodes of Illness, Healthcare Utilization, and Death Associated with Moderate and Severe Pandemic Influenza Scenarios*

Characteristic	Moderate (1958/68-like)	Severe (1918-like)
Illness	90 million (30%)	90 million (30%)
Outpatient medical care	45 million (50%)	45 million (50%)
Hospitalization	865,000	9,900,000
ICU care	128,750	1,485,000
Mechanical ventilation	64,875	742,500
Deaths	209,000	1,903,000

^{*}Estimates based on extrapolation from past pandemics in the United States. Note that these estimates do not include the potential impact of interventions not available during the 20th century pandemics.



National Center for the Study of PREPAREDNESS AND CATASTROPHIC EVENT RESPONSE Chlorine Tanker Explosion

Casualties	17,500 fatalities; 10,000 severe injuries; 100,000 hospitalizations		
Infrastructure Damage	In immediate explosions areas, and metal corrosion in areas of heavy exposure		
Evacuations/Displaced Persons	100,000 instructed to temporarily shelter-in-place as plume moves across region 50,000 evacuated to shelters in safe areas 500,000 self-evacuate out of region		
Contamination	Primarily at explosion site, and if waterways are impacted		
Economic Impact	Millions of dollars		
Potential for Multiple Events	Yes		
Recovery Timeline	Weeks		







CHEST

Supplement

DEFINITIVE CARE FOR THE CRITICALLY ILL DURING A DISASTER

Summary of Suggestions From the Task Force for Mass Critical Care Summit, January 26–27, 2007*

Asha Devereaux, MD; Michael D. Christian, MD, FRCPC; Jeffrey R. Dichter, MD; James A. Geiling, MD, FCCP; Lewis Rubinson, MD, PhD†



Chest Recommendations

- Capability
 - Provide EMCC at 300% baseline capacity
 - Deliver EMCC independently for 10 days
- Therapeutics and interventions
 - Mechanical ventilation
 - Pressors and fluids
 - Sedation and analgesia
 - 30% additional disposable equipment



SURGE CAPABILITY



Core Issues

- Bed Capacity
 - Space
 - Infrastructure
- Staffing
- Equipment





Maximizing Baseline Capacity

- Beds
 - Utilization of fully capable alternate space
 - Cancelling procedures
 - Repurposing alternate space
- Staffing
 - Overtime
 - Recalling staff from vacation and leave
 - Agency staffing
- Equipment





Emergency Mass Critical Care

- Modifications
 - Spectrum of critical care interventions
 - Staffing
 - Medical equipment
 - Triage
- Goal: provide core set of interventions to as many critically ill patients as possible



- Space
 - Repurposing non-critical care space
- Staffing
 - Tiered models
 - Pre-event and just-in-time training
- Equipment
 - Repurposing equipment
 - Accessing stockpiles



ALLOCATION OF SCARCE RESOURCES

Taking it to the next level



Allocation of Scarce Resources

- Framework
- Implementation Plan





- Assessment of Ethical Principles
- Exclusion Criteria
- Multi-Principle Strategy





Ethical Principles

- Maximizing Life-Years
- Life-Cycle Principle
- Broad Social Value
- Instrumental Value

National Center for the Study of PREPAREDNESS AND CATASTROPHIC EVENT RESPONSE

Exclusion Criteria

Deveraux et al, Chest , 133: 5, May 2008, Supplement

Table 6—Exclusion Criteria

- SOFA score criteria: patients excluded from critical care if risk of hospital mortality ≥ 80%
 - A. SOFA > 15
 - B. SOFA > 5 for ≥ 5 d, and with flat or rising trend
 - C. ≥ 6 organ failures
- 2. Severe, chronic disease with a short life expectancy
 - A. Severe trauma
 - B. Severe burns on patient with any two of the following:
 - i. Age > 60 yr
 - ii. > 40% of total body surface area affected
 - iii. Inhalational injury
 - C. Cardiac arrest
 - Unwitnessed cardiac arrest
 - Witnessed cardiac arrest, not responsive to electrical therapy (defibrillation or pacing)
 - iii. Recurrent cardiac arrest
 - D. Severe baseline cognitive impairment
 - E. Advanced untreatable neuromuscular disease
 - F. Metastatic malignant disease
 - G. Advanced and irreversible neurologic event or condition
 - H. End-stage organ failure meeting the following criteria:
 - i. Heart
 - a. New York Heart Association class III or IV heart failure
 - ii. Lungs
 - a. COPD with FEV $_1<25\%$ predicted, baseline Pao $_2<55$ mm Hg, or secondary pulmonary hypertension
 - b. Cystic fibrosis with postbronchodilator ${\rm FEV_1} < 30\%$ or baseline ${\rm PaO_2} < 55~{\rm mm~Hg}$
 - c. Pulmonary fibrosis with vital capacity or total lung capacity <60% of predicted, baseline $\mathrm{Pao}_2<55~\mathrm{mm}$ Hg, or secondary pulmonary hypertension
 - d. Primary pulmonary hypertension with New York Heart Association class III or IV heart failure, right atrial pressure > 10 mm Hg, or mean pulmonary arterial pressure > 50 mm Hg
 - iii. Liver
 - a. Child-Pugh score ≥ 7
 - I. Age > 85 yr
 - J. Elective palliative surgery



Table 3. Illustration of a Multiprinciple Strategy to Allocate Ventilators During a Public Health Emergency

Principle	Specification	Point System*			
		1	2	3	4
Save the most lives	Prognosis for short-term survival (SOFA score)	SOFA score <6	SOFA score, 6–9	SOFA score, 10–12	SOFA score >12
Save the most life-years	Prognosis for long-term survival (medical assessment of comorbid conditions)	No comorbid conditions that limit long-term survival	Minor comorbid conditions with small impact on long-term survival	Major comorbid conditions with substantial impact on long-term survival	Severe comorbid conditions; death likely within 1 year
Life-cycle principle†	Prioritize those who have had the least chance to live through life's stages (age in years)	Age 12–40 y	Age 41–60 y	Age 61–74 y	Age ≥75 y

SOFA = Sequential Organ Failure Assessment.

^{*} Persons with the lowest cumulative score would be given the highest priority to receive mechanical ventilation and critical care services.

[†] Pediatric patients may need to be considered separately, because their small size may require the use of different mechanical ventilators and personnel.



Implementation Plan

- Triggers
- Decision Makers
- Team Structure and Function
- Review Committee
- Community Engagement
- Liability Protection



Crisis Standards of Care and Potential Legal Issues

Darren P. Mareiniss, MD, JD

Legal Medicine Fellow Department of Emergency Medicine Johns Hopkins School of Medicine



Crisis Standards of Care and Potential Legal Issues

- Public health powers
- Liability concerns
- Criminal and civil liability
- **Protections**
- Gaps and suggested solutions





- ESF # 8 resources can be activated (1) by declaration of a public health emergency by Secretary of DHHS; (2) under the Biological Incident Annex; or (3) under the Stafford Act
- NIH, CDC, SNS, US Public Health Service, NDMS
- The support of state, local and tribal jurisdictions focuses on:
 - Assessment of public health/medical needs
 - Public health surveillance
 - Medical care personnel
 - Medical equipment and supplies



- After consulting with such public health authorities "as may be necessary," the DHHS Secretary finds:
 - "(1) a disease or disorder presents a public health emergency; or
 - (2) a public health emergency, including significant outbreaks of infectious diseases or bioterrorist attacks, otherwise exists"



PHS Act during an emergency:

- Isolation and quarantine entry into the US or movement between states
- Utilize the Strategic National Stockpile
- Waive federal regulations allow use of unapproved drug, biologic or device for a military emergency, domestic emergency or during a declared emergency
- Waiver of individual participation requirements of Medicare/Medicaid, actions under EMTALA, and sanctions for HIPAA privacy violations

Section 1135 Social Security Act



 Safeguarding public health falls largely to the states under their police powers

U.S. Const. Amend. X.

- Jacobson v. Massachusetts, 197 U.S. 11, 29 (1905)
 - "[I]n every well-ordered society charged with the duty of conserving the safety of its members the rights of the individual in respect of his liberty may at times, under the pressure of great danger, be subjected to such restraints, to be enforced by reasonable regulations, as the safety of the general public may demand"
 - Finding that a Massachusetts statute requiring vaccination was constitutional



- A public health emergency is an occurrence or imminent threat of an illness or health condition that:
- (1) is believed to be caused by the following:
 - (i) bioterrorism;
 - (ii) the appearance of a novel or previously controlled eradicated infectious agent or biological toxin;
 - (iii) [natural disaster];
 - (iv) [chemical attack or accidental release]; or
 - (v) [nuclear attack or accident]; and
- (2) poses a high probability of any of the following harms
 - (i) a large number of deaths in the affected population;
 - (ii) a large number of serious or long-term disabilities in the affected population; or
 - (iii) widespread exposure to an infectious or toxic agent that poses a significant risk of substantial future harm to a large number of people in the affected population.



The Model State Emergency Health Powers Act

- Creates broad public health powers for a Public Health Authority including:
 - Creation of a public health emergency plan § 201
 - Reporting and tracking of persons § 301-303
 - Closure, evacuation, decontamination of any facility and decontamination or destruction of any material – § 302
 - Declaration of emergency and mobilization of the state militia/National Guard § 401-405
 - Close, decontaminate and/or control/manage any facility; possess immediately any medical supplies reasonably necessary – § 501-506
 - Isolation or quarantine, vaccination and examination of any individual; require the participation of any health care providers in the state – § 601-608
 - Public information § 701
 - Compensation for takings/immunity from liability § 801-808



- Determine the authority and trigger to activate altered care
- Address liability for providers utilizing different care strategies and operating outside the scope of typical practice
- Licensing issues



- 2008 GAO States had not begun guidelines b/c of difficulty addressing the medical, ethical and legal issues
- 2010 IOM report publicly-available protocols CA, CO, MA, MN, NY, UT, VA and WA
- 2008 Devereaux et al ICU triage model for CO, MN, UT and VHA



- 2006 American Public Health Association Survey
- 1,077 of 10,000 responded
- Individuals in clinical practice 27.3% (294) of responding individuals
- How important is immunity from civil lawsuits in deciding whether to volunteer during an emergency?
 - 69.4% essential or important
 - 25% somewhat important
 - 5.5% not important



- Negligence: (1) duty; (2) breach because of a failure to meet the applicable standard of care; (3) harm; and (4) causal link between the breach and the harm
- "Standard of care is defined by reference to a physician using the knowledge, skill and care ordinarily possessed and employed by members of the profession in good standing, good medical practice within the area of specialty practice and reasonable, customary and accepted care under the circumstances"
- Vicarious liability
- EMTALA, HIPAA, privacy & confidentiality



- Titles II and III (public accommodation) of ADA prohibit disability-based discrimination
 - Title III private right of action
 - Do not need to accommodate if doing so would be an "undue hardship"
- Constitutional claims:
 - Depriving life, liberty or property without due process
 - Violation of body integrity
 - Illegal search and seizure
 - Equal protection violations





- Criminally negligent manslaughter omission to act when there is a duty to do so, or a failure to perform a duty owed, which leads to a death
- Murder unlawful killing of another person with intent or malice aforethought
- Memorial Medical Center, New Orleans 7th Floor, LifeCare, Acute Long Term Care Unit
 - Dr. Anna Pou was arrested in July 2006 and charged with the murder of 4 patients
 - Administered morphine and versed to patients on September 1, 2005



- 50 state jurisdictions have a variety of laws regarding immunity
- Good Samaritan laws uncompensated & at the scene
- Protections usually do not apply to:
 - Willful or reckless conduct
 - Gross negligence
 - Criminal action





Protections – Emergency Management Assistance Compact

- Enacted in all states
- Triggered by gubernatorial declaration of disaster and a request for aid
- Provides licensing reciprocity
- Civil immunity to any "party state or its officers or employees" offering aid to another state – shall not be liable for an act or omission in good faith
- Does not cover willful misconduct, gross negligence or recklessness

- Uncompensated volunteers of NGO or government
- Must act within the scope of responsibilities
- Properly licensed and authorized by the state
- Emergency does not need to be declared
- Does not cover willful or criminal misconduct, gross negligence or reckless misconduct



- Adopted UT, CO, NM, ND, OK, AR, LA, IN, KY and TN
- Licensed health practitioners in a state where an emergency declaration is in effect
- Compensation may be allowed, but no pre-existing employment relationship
- Covers vicarious liability
- Does not cover willful, reckless, wanton, grossly negligent or criminal conduct



Protections – Model State Emergency Health Powers Act

- Adopted by 38 states and D.C. created in 2001
- 804(b)(2) 23 states
 - Any person who "renders assistance or advice at the request of the state or its subdivisions"
 - Does not include gross negligence or willful misconduct
- 608(b) 13 states
 - Any out-of-state emergency health care provider appointed by the Public Health Authority is not liable
 - Except reckless disregard for the consequences so as to affect the life or health of the pt.



Protections – Public Readiness and Emergency Preparedness Act

- DHHS Secretary declares a Public Health Emergency or one is likely to exist
- Shields manufacturers, distributors and dispensers of covered countermeasures from civil liability
- E.g., H1N1 vaccine June 15, 2009
- Willful conduct is not covered



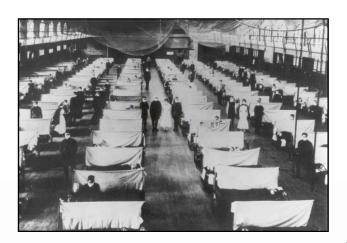
- Federal, state and local governmental entities and their employees are immune from tort suits
- Limited waivers of this immunity e.g., FTCA, state
 TCAs
- However, discretionary functions within the scope of duties typically create immunity





Depends on state law

- Providers continuing to work in an affected area
- Providers acting outside the scope of their expertise may not be covered – some states allow, i.e., MI, MD and MA
- Entities
- Compensated providers





- Criminal conduct manslaughter & murder
- Gross negligence an intentional failure to perform a manifest duty in reckless disregard of the consequences as affecting the life or property of another
- Willful misconduct conscious intent to undertake the injurious activity with a realization of the likelihood of harm



- Crisis standards may involve re-allocating or not offering life-saving interventions
- "When we willfully and knowingly withdraw or withhold life support, knowing there maybe a bad outcome, we tread that line of willful misconduct."

Cheryl Starling - California Dept. of Public Health



- Broader legislation providing immunity for:
 - Triage decisions involving life-saving interventions
 - Crisis standards of care and withholding/withdrawing treatment
 - Compensated providers in disaster zone
 - Care outside the scope of expertise e.g., MI, MA, MD
 - Immunity for institutions providing care
- State or federally deputized triage officers sovereign immunity for discretionary actions, regardless of willfulness



- Virginia Va. Code Ann 8.01-225.02
 - No liability for any injury or wrongful death from delivery or withholding of health care when (1) a state or local emergency has been declared and (2) the emergency caused a lack of resources preventing healthcare providers from rendering standard care
- Maryland MD Code Ann. Pub. Safety 14-3A-06
 - "[a] healthcare provider is immune from civil or criminal liability if the healthcare provider acts in good faith and under a catastrophic health emergency."



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Crisis Standards of Care Discussion...