

Learning Objectives

- Describe all-hazards taxonomy for surge capacity and surge capability
- List four support elements that contribute to effectiveness of surge capacity and capability
- Delineate tiered management system for integrating medical and health resources

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Learning Objectives

- Discuss strategies for providing contingency and crisis surge capacity
- Explain purpose of exercises and drills for all-hazards preparation and planning

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Response Goals

- 1. Safeguard personnel and uninjured
- 2. Minimize mortality in critically injured
- 3. Maximize care delivered to casualty population
- 4. Restore normal health care delivery

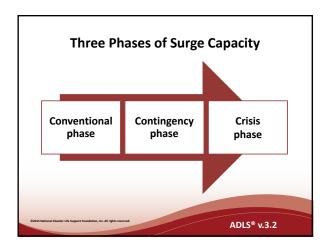
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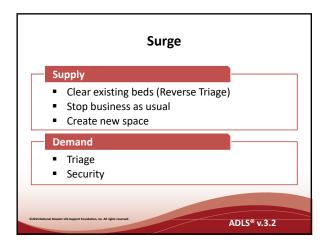
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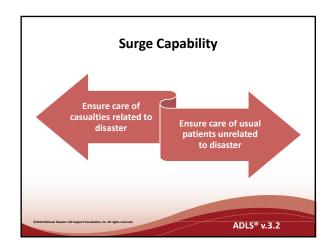
I Incident management S Safety and security A Assess Hazards S Support [surge] T Triage and [phased] treatment E Evacuation R Recovery	D	Detection	
A Assess Hazards S Support [surge] T Triage and [phased] treatment E Evacuation	1	Incident management	
S Support [surge] T Triage and [phased] treatment E Evacuation	S	Safety and security	
T Triage and [phased] treatment E Evacuation	Α	Assess Hazards	
E Evacuation	S	Support [surge]	
_	Т	Triage and [phased] treatment	
R Recovery	E	Evacuation	
	R	Recovery	

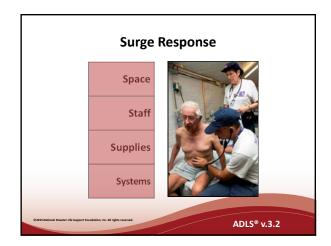
Capacity: Space for greater casualty inflow Capability: Ability to provide necessary casualty care Background: Existing chronic surge

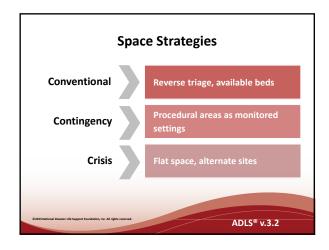
Surge Capacity Additional beds (20%) Number of casualties/facility Capability Number of ventilated casualties Critical casualties/hour/level of care ADLS® v.3.2







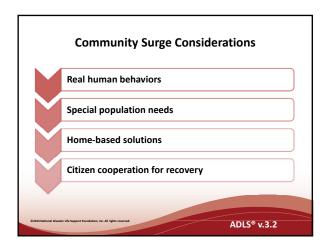


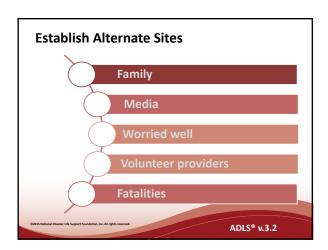




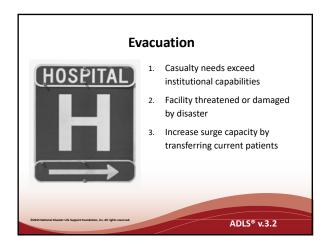


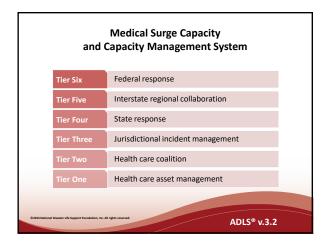
SPACE Use of adult facilities		
STAFF	Cross-training of adult staff to care for older children and adolescents	
SUPPLIES	Stockpiling of pediatric resources	
SYSTEMS	Pediatric critical care transfers	

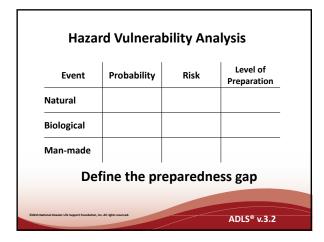














7	he Joint Commissio	n	Definitions
	Emergency		Disaster
1.	Unexpected or sudden event with demand	1.	Increase complexity, scope, or duration of demand
2.	Disrupts ability to provide care	2.	Threatened capabilities
3.	Disrupts environment of care	3.	Outside help for care, safety, or security
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	The Joint Commission	Standards
	Medical leaders participate in HVA	
	Establish response procedures for 96 hours	
	Surge and casualty tracking	
	Plan for inventory and resupply	
	Two drills/exercises per year, excluding table	etops
	Influx of simulated casualtiesCommunity participation	
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From Planning to Practice

- Health care facility
 - Tabletop simulation exercise: single function
 - Functional exercise: incident management
- Community: field exercise drill

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Which phase of surge capacity involves altering the standard of care?

- a) conventional
- b) contingency
- c) crisis
- d) all of the above

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Which of the following is an example of reverse triage at a hospital in a disaster?	
a) cancelling clinic appointments	
b) discharging patients to skilled nursing facilities	
c) providing critical care in endoscopy suite	
d) reallocating a ventilator to a casualty with greater change of survival	
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Which of the following exercises is the best simulation for disaster response?	
a) field exercise drill	
b) functional exercise	
c) tabletop exercise	
d) triage exercise	
u) triage exercise	
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Summary • Surge capacity is resource availability	
Surge capability is resource operability	
 Efficient surge capacity and capability: space, staff, supply, and systems 	
 Surge occurs across spectrum of conventional, contingency, and crisis capacity 	
Tiered management system integrates medical and	
health resources from local to federal levels	_
Realistic exercises and drills promote readiness	