





driving readiness in
dynamic times

Disaster Planning for
California Hospitals

Incorporating New Technology to Your Emergency Management

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Empowering teams through technology



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Agenda

Objective:
Describe and
incorporate two
unique training
tools into your
program



About Us



Pediatric Surge
Preparedness



SurgeWorld &
Incident Command



Using The Tools

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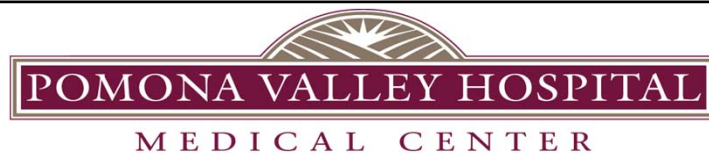
Children's Hospital Los Angeles



- Founded 1901
- 365 Active Beds
- More than 5,200 employees and 772 Medical Staff
- 14,600 inpatient admissions
- ~72,000 ED Visits
- \$77.4 million in research funding

www.CHLA.org

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Expert care with a personal touch

- Founded 1903
- 453 Active Beds
- More than 2,400+ employees
- 800+ Medical Staff, 1000+ volunteers
- 20,000 inpatient admissions
- ~90,000+ ED Visits
- Trauma Center designation effective Oct. 2016



www.pvhmc.org

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Los Angeles County Emergency Medical Services Agency



- Lead agency for emergency medical services system for Los Angeles County

Disaster section

- Assists and coordinates healthcare coalition partners
- Planning, response, recovery

<http://tinyurl.com/LACoDisasterMedicalServices>

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Pediatric Surge Preparedness

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Los Angeles County Hospital Preparedness Program — Pediatrics Efforts to Date

- Los Angeles County Pediatric Surge Plan and Exercise 2011-2015
- SurgeWorld — web-based training tool — JumpSTART and START triage and Logistics
- Incident Command — app-based tool to support leadership engagement in emergency management and areas of concern related to children
- Improving Preparedness for Children with Special Needs (Access and Functional Needs)



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Surge Capacity



Meet increased demand for qualified personnel, medical care, public health



Expand rapidly beyond normal service



Source: Agency for Healthcare Research and Quality (AHRQ)

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4 “S” of Surge Capacity

Space

- Pre-identified areas
- Increase room occupancy
- Non-traditional sites of care

Staff

- Availability
- Qualified
- Educated & trained
- Supported

Stuff

- Demographics knowledge
- Awareness of supplies & equipment
- Pre-positioned

Structure

- Coordinated with outside agencies
- Internal coordination (HICS)
- System infrastructure & communication

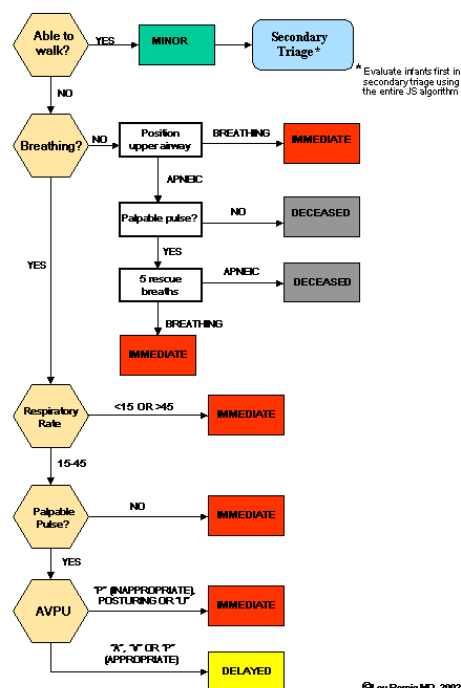
Source: Nager A. L., Khanna K. Emergency department surge: models and practical implications. *J Trauma*. 2009;67(2 Suppl):S96-99.

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Disaster Triage Methods

- START – Newport Beach Fire Dept., California
- JumpSTART – Lou Romig © - Florida
- Sort Assess Lifesaving Interventions Treatment and Transport (SALT) Mass Casualty Triage Algorithm
- Canadian Triage and Acuity Scale (CTAS)
- SMART Triage System (TSG Associates LLP; Halifax, England)

JumpSTART Pediatric MCI Triage®



Surging for Children

How we support hospitals to care for children



Reference tools, consultation, telemedicine

- Focus on building everyday practice
- Pediatric Surge Quad Fold
- Children with Access and Functional Needs



Pre-training and just-in-time training

- Over 500 clinicians trained as part of Pediatric Surge Plan development



Innovative training

- SurgeWorld
- Incident Command

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SurgeWorld

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SurgeWorld



- Fun, approachable
- Core gaming concepts
- Gamers and non-gamers
- Adaptable level of challenge
- Data tracking
 - Ability to track usage by user type and area
 - Determine training competencies/needs

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Metrics tracked:

- Hospital
- Role
- Time played
- Modules tried
- Modules completed



SurgeWorld – Mini Demo

<http://surgeworld.lachildrenshospital.net/>

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Incident Command

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Incident Command



- Leadership
- Communication
- Decisionmaking
- Teamwork

Incident Command – Playing the Game



**Logistics
Section
Chief**



**Operations
Section
Chief**



**Incident
Commander**



**Planning
Section
Chief**



**Safety
Officer**

USING THE TOOLS SurgeWorld

How do I use
these at my
facility?



Incorporate



Competition and
Awards



Pre-training

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USING THE TOOLS Incident Command

How do I use
these at my
facility?



Newbies to HICS



Incorporate to
TableTop



Competition and
Awards

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Questions?

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Stay and Play!

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THANK YOU



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