



“MCE” (MULTIPLE CASUALTY EVENT)

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Disclosure

I have no financial interests or other relationship with manufacturers of commercial products, suppliers of commercial services, or commercial supporters. My presentation will not include any discussion of the unlabeled use of a product or a product under investigational use.

What is LERN?

The Louisiana Emergency Response Network (LERN) is an organization Legislatively created to ***safeguard the public health, safety, and welfare of the people of this state against unnecessary trauma and time-sensitive illness related deaths and incidents of morbidity*** and interface with key agencies in times of disasters.

Types of Disasters

- Natural
 - Flood
 - Severe weather (Tornado/Ice/etc)
 - Fire (wildfire)
- Man-Made
 - Fire
 - Riot
 - Transportation related (auto/train/plane)
 - Industrial
 - Weapons of mass destruction

Overview

- MCE response is different from day to day trauma management it requires:
 - A coordinated multidisciplinary effort with ESF-8 Partners
 - A ***Paradigm Shift*** in the care of the injured patient
 - Prioritizing care to optimize use of critical resources
 - Doing the “Greatest Good for Greatest number “

MCE / MCI

- MCE (Multiple Casualty Event)
 - An MCE is ***an occurrence with casualties that can be readily managed using local resources within a region.***
- MCI (Mass Casualty Incident)
 - Exists when the numbers, severity, and diversity of injuries ***overwhelm*** the local medical resources within a region.

MCE

- ***Multiple casualty events*** occur more frequently than ***mass casualty incidents***.
- MCE activation for LERN will be defined by EMS agency arriving at the scene and notifying LERN.

LERN MCE Response

- LERN will:
 - Distribute patients equitably
 - Communicate with hospitals and Prepare Region
 - Involve multiple agencies in the notification process

LERN MCE Management

- Use of Louisiana Emergency Response Network will:
 - Enhance the ability to respond to an MCE / MCI.
 - Equitably direct injured patients to multiple Emergency Departments
 - Effectively use available resources.



LERN COMMUNICATIONS CENTER OPERATIONS – MCE

Chris Hector, NREMT-P
LERN Communication Center Supervisor



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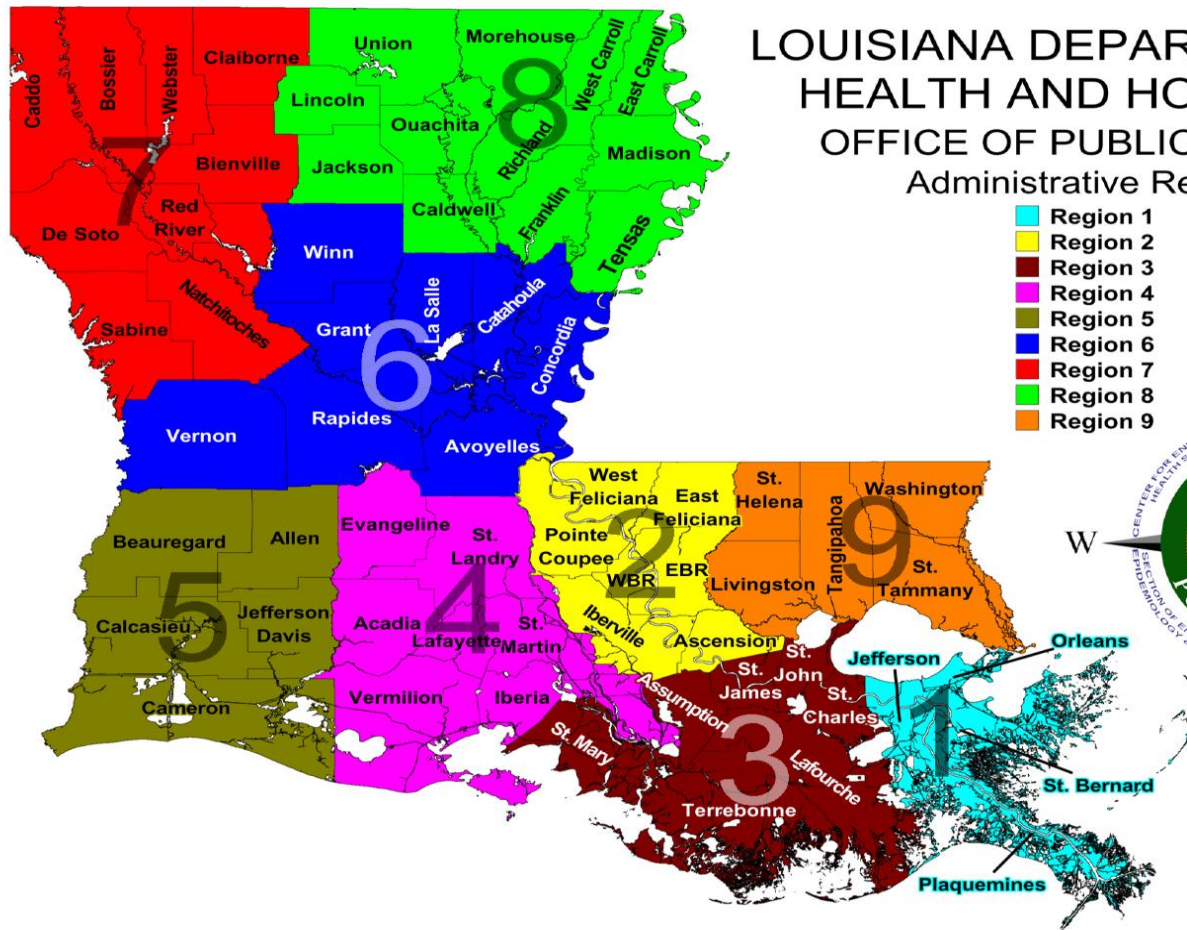
LCC - Baton Rouge and Shreveport



Phone and Radio Capable



Regions



LOUISIANA DEPARTMENT OF
HEALTH AND HOSPITALS
OFFICE OF PUBLIC HEALTH
Administrative Regions

- Region 1
- Region 2
- Region 3
- Region 4
- Region 5
- Region 6
- Region 7
- Region 8
- Region 9



Call LERN Communications Center 1.866.320.8293 for:

- Unmanageable Airway
- Tension Pneumothorax
- Traumatic cardiac arrest
- Burn Patient without patent airway
- Burn patient >40% BSA without IV

Physiologic

- GCS <14
- SBP <90 (adults and > 9 y/o)
<70 + 2 (age yrs) (age 1 to 8)
<70 (age 1 to 12 months)
<60 (term neonate)
- RR <10 or >29 (adults & ≥9 y/o)
<15 or >30 (age 1 to 8)
<25 or >50 (<12 m/o)

Anatomic

- Open or depressed skull fractures
- Open head injury with or without CSF leak
- Deterioration of the GCS
- Lateralizing signs or paralysis (i.e., one-sided weakness, motor, or sensory deficit)
- All penetrating injuries to head, neck, torso, & extremities proximal to elbow & knee
- Flail Chest
- 2 or more proximal long-bone fractures
- Crush, degloved or mangled extremity
- Amputation proximal to wrist & ankle
- Pelvic Fractures
- Hip Fractures (hip tenderness, deformity, lateral deviation of foot) excluding isolated hip fractures from same level falls
- Major joint dislocations (hip, knee, ankle, elbow)
- Open Fractures
- Fractures with neurovascular compromise (decreased peripheral pulses or prolonged capillary refill, motor or sensory deficits distal to fracture)

Mechanism

- Falls >20 ft. adults
>10 ft. (child) or 2 to 3 times height
- Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact
- Motorcycle crash >20 MPH
- High-risk auto crash
 - Intrusion >12 in. occupant site
>18 in. any site
 - Ejection, partial or complete from automobile
 - Death in same passenger compartment

Other

- Pregnancy >20 weeks
- Burns (will follow ABA guidelines)
- Age ≥55 y/o or <8 y/o
- Anticoagulation & bleeding disorders
- End stage renal disease
- Transplant patients

Mass Casualty Event (MCE)/ Mass Casualty Incident (MCI)

MCE / MCI Procedure

- EMS Arrives on scene of MCE / MCI and notifies LERN
- LERN makes initial contact with hospital and informs of MCE / MCI in progress
- EMS establishes Incident Command (IC)
 - Contacts LERN and report the Mechanism of Injury and number of patients
 - Reports per START Triage
- EMS Transports patients as directed
- EMS contacts LERN at conclusion of incident

Resource Management

Louisiana - EMResource - Windows Internet Explorer

https://emresource.emsystem.com/EMSystem

EMResource Louisiana

Contact Us | Help | Search | Log Out

View Event Preferences Form Report Regional Info IM User Links

LERN Statewide View

Region 1 ED	LERN Level	CT	Surgery	Ortho Surgery	Neuro Surgery	ICU	ED	Peds Trauma	OB Trauma	Comment
Region 2 ED	LERN Level	CT	Surgery	Ortho Surgery	Neuro Surgery	ICU	ED	Peds Trauma	OB Trauma	Comment
Woman's Hospital	--	--	--	--	--	--	--	--	--	
Baton Rouge Gen Med Ctr (Bluebonnet)	2	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	
Baton Rouge General Med Ctr (Mid-City)	2	Yes	Yes	Yes	--	Yes	Yes	--	--	Has moved to Bluebonnet campus effective Monday, 1/18/10 ICU @ Capacity
Our Lady of the Lake Regional Med. Ctr.	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
LSU-Earl K. Long Medical Center	3	Yes	Yes	Yes	--	Yes	Yes	--	Yes	yes yes not offered icu at capacity yes not offered yes 3 yes
Lane Regional Medical Center	3	Yes	Yes	Yes	--	Yes	Yes	--	Yes	
Ochsner Medical Center Baton Rouge	3	Yes	Yes	Yes	--	Yes	Yes	--	Yes	1 Psy hold No neurosurgery.
River West Medical Center	3	Yes	No	No	--	Yes	Yes	--	--	No surgeon on call. no ortho
St. Elizabeth Hospital	3	Yes	Yes	Yes	No	Yes	Yes	No	No	No Urology, GI, ENT, or Pulmonary
Pointe Coupee General Hospital	4	Yes	--	--	--	--	Yes	--	--	No general surgery at PCGH. No orthopedics at PCGH no neuro at PCGH tele-monitor only : 8 bed...
Prevost Memorial Hospital	4	No	--	--	--	--	Yes	--	--	
West Feliciana Parish Hospital	4	Yes	--	--	--	--	Yes	--	--	No surgery No speciality services. No surgery and no ICU's no OB
Region 3 ED	LERN Level	CT	Surgery	Ortho Surgery	Neuro Surgery	ICU	ED	Peds Trauma	OB Trauma	Comment
Assumption Community Hospital	--	--	--	--	--	--	Yes	--	--	No CT. No ICU unit/beds. No L&D
Ochsner St. Anne General Hospital	--	Yes	Yes	Yes	--	Yes	Yes	Yes	Yes	Peds trauma patients are stabilized and

Done Internet 100%

LERN Contact Information

**Call Louisiana Emergency Response Network
(225)-756-3440**

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Suite B, Building 1
Baton Rouge, LA 70187

www.lern.la.gov

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Questions?