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Title 48 PUBLIC HEALTH—GENERAL

Subpart 15. Emergency Response Network

Chapter 181. General Provisions

§18101. Scope

A. These rules are adopted by the Louisiana Emergency Network (hereinafter LERN) Board (hereinafter board) to effectuate the provisions of R.S. 40:2841 et seq.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:649 (April 2008).

Chapter 183. Louisiana Emergency Response Network (LERN)

§18301. Board Officers of Louisiana Emergency Response Network (LERN) Board

- A. The chairman and vice-chairman, and any other officers that the board shall deem necessary, shall be elected for a two-year term at the first meeting held following January 1 of each even numbered year.
- B. In the case of a vacancy in the office of chairman, the vice-chairman shall serve the remainder of the vacated term, and in the case of a vacancy in the office of vice-chairman, the board shall elect a new vice-chairman who shall serve the remainder of the vacated term.
 - C. The chairman shall:
 - 1. preside at all meetings of the board;
- 2. determine necessary subcommittees and working group and appoint members to each subcommittee and working groups;
 - 3. direct activities of staff between board meetings;
- 4. provide direction on behalf of board between meetings to all regional commissions;
 - 5. designate the date, time and place of board meetings;
- 6. enter into confidentiality agreements on behalf of the board regarding pertinent data to be submitted to board and board staff which contain individually identifiable health or proprietary information;
- 7. perform all other duties as may be assigned by the board.
- D. Should the chairman become unable to perform the duties of chairman, the vice-chairman shall act in his stead.

E. A ground for removal of a board officer includes conviction of a felony.

AUTHORITY NOTE: Promulgated in accordance with R.S. 48:2844(H) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:650 (April 2008).

§18303. Quorum

A. Eight members of the board shall constitute a quorum for all purposes.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2844(H) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:650 (April 2008).

§18305. Grounds for Removal of Board Members

A. Grounds for removal of board members include conviction of a felony.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2844(H) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:650 (April 2008).

Chapter 185. Regional Commissions; Membership; Officers; Meetings; Duties and Responsibilities

§18501. Regional Commission Membership

- A. Selection of Regional Commission Membership by Louisiana Emergency Response Network (LERN) Board
- 1. The process for selecting the regional commission members is as follows:
- a. the LERN Board Chairman shall request in writing the name of a nominee to serve on each regional commission from each of the legislatively identified state organizations;
- b. in the event there is more than one organization, state association or entity, each entity shall be requested to name a nominee and, once constituted, the commission shall choose from among the nominees; and
- c. if no state or local organization exists in a category, but multiple nominees are identified in that category, the selection of the representative to serve on the regional commission will be determined by that category's group of nominees.
- 2. Once documentation is received from each organization or group, the compiled list of nominees is submitted to the board for ratification. The board shall appoint those selected by the various organizations.
- B. Voting members of the regional commission may be added through a process employing the following steps:
- 1. majority vote of a quorum of voting members of the commission;

- 2. formal written request to LERN Board to add specified voting member, with reasons for adding. Such addition must represent a group which would enhance the working of the regional commission;
- 3. majority vote by LERN Board members at a meeting. If such a vote fails, the regional commission may appear in person at the following LERN Board meeting, where the subject will be revisited;
- 4. once an additional voting member is approved for one region, in order for other regions to add a member representing the same group, only a letter detailing the requirements of Paragraphs 1 through 3 above will be necessary to add the particular member. Board approval will not require an additional vote.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2845(A)(3)(a) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:650 (April 2008).

§18503. Regional Commission Officers

- A. Each regional commission shall select a chairman and vice chairman.
- B. The chairman and vice-chairman, and any other officers that the commission shall deem necessary, shall be elected for a two-year term at the first meeting held following January 1 of each even numbered year.
- C. In the case of a vacancy in the office of chairman, the vice-chairman shall serve as chairman for the remaining vacated term; and in the case of a vacancy in the office of vice-chairman, the regional commission shall elect a new vice-chairman who shall serve until the expiration of the vacated term.

D. The chairman shall:

- 1. preside at all meetings of the commission;
- 2. determine necessary ad hoc committees, appoint a commission member to chair each such committee, and provide for the commission as a whole to name the membership of the committee;
- 3. provide direction to the commission to implement the mandates of the LERN Board;
- 4. direct that a record of all meetings of the commission shall be kept and such records shall be retained as permanent records of the transactions of the commission; and
- 5. perform all other duties pertaining to the office of chairman of the commission or as may be assigned by the commission.
- E. Should the chairman become unable to perform the duties of chairman, the vice-chairman shall act in his stead.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2845(A)(3)(a) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:650 (April 2008).

§18505. Regional Commission Meetings

- A. Meetings of the commission shall be noticed, convened and held not less frequently than quarterly during each calendar year and otherwise at the call of the chairman or on the written petition for a meeting signed by not less than the number of members which would constitute a quorum of the commission. Meetings shall be held on such date and at such time and place as may be designated by the chairman.
- B. One third of the currently serving members of the commission shall constitute a quorum for all purposes. All actions which the commission is empowered by law to take shall be effected by vote of not less than a majority of the members present at a meeting of the commission at which a quorum is present.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2845(A)(3)(a) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:651 (April 2008).

§18507. Regional Commission Duties and Responsibilities

- A. Each regional commission shall:
- 1. develop a written system plan for submission to LERN Board, which plan shall:
- a. identify all resources available in the region for emergency and disaster preparedness and response;
- b. be based on standard guidelines for comprehensive system development;
- c. include all parishes within the region unless a specific parish portion thereof has been aligned within an adjacent region;
- d. give an opportunity to all health care entities and interested specialty centers opportunity to participate in the planning process; and
 - e. address the following components:
 - i. injury prevention;
 - ii. access to the system;
 - iii. communications;
 - iv. pre-hospital triage criteria;
 - v. diversion policies;
 - vi. bypass protocols;
 - vii. regional medical control;
 - viii. facility triage criteria;
 - ix. inter-hospital transfers;
- x. planning for the designation of trauma facilities, including the identification of the lead facility(ies); and
- xi. a performance improvement program that evaluates processes and outcomes from a system perspective;
- 2. upon approval of the board, implement the system plan to include:

- a. education of all entities about the plan components;
- b. on-going review of resource, process, and outcome data; and
- c. if necessary, revision and re-approval of the plan or plan components by LERN Board;
- 3. annually complete a regional needs assessment and conduct education and training within the region to meet the needs identified in the annual needs assessment;
- 4. develop and implement a regional performance improvement (PI) program plan;
- 5. develop and implement a regional injury prevention program;
- 6. at least quarterly, submit evidence of on-going activity, including meeting notices and minutes, to LERN Board; and
- 7. Annually submit a report to LERN Board which describes progress toward system development and demonstrates on-going activity;
- B. Regional commission may request technical assistance from the LERN Board at any time.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2845(A)(3)(a) and 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network Board, LR 34:651 (April 2008).

Chapter 187. Requirements for Louisiana Stroke Center Recognition

§18701. Stroke Center Recognition

- A. The Louisiana Emergency Response Network Board (LERN) and the Louisiana Department of Health and Hospitals recognize the following four levels of stroke facilities:
 - 1. level 1: comprehensive stroke center;
 - 2. level 2: primary stroke center;
 - 3. level 3: acute stroke ready hospital; and
 - 4. level 4: non-stroke hospital.
- B. Participation in Louisiana stroke center recognition is voluntary and no hospital shall be required to participate.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A) and 48:2845(A)(7).

HISTORICAL NOTE: Promulgated by the Department of Hospitals, Emergency Response Network, LR 40:2590 (December 2014).

§18703. Stroke Center Criteria

- A. Each facility participating in stroke center recognition shall meet the following criteria.
- 1. Level 1: A comprehensive stroke center (CSC) will meet the requirements specified by the joint commission or other board approved accrediting/certification body approved by LERN for comprehensive stroke center certification.

Attestation as a CSC is only allowed after verification by the joint commission or other LERN approved accrediting/certification body that the facility meets all requirements set forth in the CSC standards.

- 2. Level 2: A primary stroke center (PSC) shall meet the requirements specified by the joint commission, healthcare facilities accreditation program (HFAP), or other LERN approved accrediting/certification body for Primary Stroke Center verification. Attestation as a PSC is only allowed after verification by the joint commission, HFAP, or other LERN approved accrediting/certification body that the facility meets all requirements set forth in the PSC standards.
- 3. Level 3: An acute stroke ready hospital (ACRH) will provide timely access to stroke care but may not meet all criteria for a Level 1 or a Level 2 facility. An ACRH will provide acute stroke care in urban and rural areas where transportation and access are limited. An ACRH is intended to recognize models of care delivery that have shown utility, including "drip-and-ship" and telemedicine. An ACRH must meet requirements adopted by LERN. LERN approved requirements are based on national best practice guidelines.
- 4. Level 4: A non-stroke hospital (NSH) should not receive patients exhibiting signs or symptoms of stroke except for instances when the clinical situation requires stopping at the closest emergency department. A non stroke hospital must have:
 - a. physician staffed ER 24/7;
 - b. CT scan available within 12 hours; and
- c. transfer protocol in place for transfer to higher levels of care with a written and agreed upon relationship with a level I, II, or III stroke center.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A) and 48:2845(A)(7).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2590 (December 2014).

§18705. Attestation for Stroke Center Recognition

- A. A hospital seeking level 1, level 2, level 3 or level 4 stroke center recognition will submit an affidavit of the hospital CEO to LERN detailing compliance with the requirements designated herein.
- 1. A center or hospital seeking level 1 CSC recognition which submits a copy of that level of certification by a LERN-recognized organization, such as the joint commission or other LERN approved accrediting/certification body, shall be assumed to meet the requirements for recognition.
- 2. A center or hospital seeking level 2 PSC stroke center recognition which submits a copy of that level of certification by a LERN-recognized organization, such as the joint commission, HFAP, or other LERN approved accrediting/certification body, shall be assumed to meet the requirements for recognition.
- 3. Although a center or hospital seeking level 3 stroke center recognition is not required to obtain certification by an external certifying body, a level 3 center which submits a copy

of that level of certification by a LERN-recognized organization, such as HFAP or other LERN approved accrediting/certification body, shall be assumed to meet the requirements for recognition.

- 4. Each center or hospital shall submit proof of continued compliance every two years by submission of an affidavit by its CEO.
- B. A hospital or center which fails to meet the criteria for a Stroke Facility level or which no longer choose to maintain state Stroke Facility level recognition, shall immediately notify LERN and local EMS.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A) and 48:2845(A)(7).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2590 (December 2014).

§18707. Stroke Center Listing

A. LERN will publish a list on its website of hospitals or centers attesting to or meeting stroke center criteria and their stroke center recognition. This list shall be made available to LERN regional commissions for facilitation of EMS transportation plans.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A) and 48:2845(A)(7).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2591 (December 2014).

§18709. Hospital Destination/Stroke System Transport

- A. These rules are not intended to prevent any hospital or medical facility from providing medical care to any patient but rather to serve as a guideline to facilitate the timely and appropriate delivery of stroke patients to the most appropriate care site for the definitive treatment of stroke.
- B. Knowledge of statewide stroke capabilities and the use of a stroke pre-hospital destination protocol will enable providers to make timely decisions, promote appropriate utilization of the stroke care delivery system, and ultimately save lives.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A), 48:2845(A)(7) and La. R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2591 (December 2014).

Chapter 189. Requirements for Louisiana STEMI Receiving/Referral Centers

§18901. STEMI Center Recognition

A. The Louisiana Emergency Response Network Board (LERN), and the Louisiana Department of Health and Hospitals recognize the following types of facilities for the treatment of ST elevated myocardial infarction (STEMI):

- 1. STEMI receiving center; and
- 2. STEMI referral center.

- B. Participation in the Louisiana STEMI center recognition is voluntary and no hospital shall be required to participate.
- C. A facility seeking STEMI receiving center recognition shall meet the STEMI receiving center requirements adopted by LERN. LERN approved requirements are based on national best practice guidelines.
- D. A hospital with an emergency room not meeting criteria for a STEMI receiving center will automatically default to a STEMI referral center.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A) and 48:2845(A)(7).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2591 (December 2014).

§18903. Attestation for STEMI Center Recognition

- A. A hospital seeking STEMI Center recognition will submit an affidavit of the hospital CEO to LERN detailing compliance with LERN Approved STEMI Receiving center requirements.
- 1. Those hospitals which submit a copy of certification by a LERN-recognized organization such as The American Heart Association Mission:Lifeline, Society of Cardiovascular Patient Care or other LERN approved accrediting/certification body shall be assumed to meet the requirements for recognition.
- 2. Each center or hospital shall submit proof of continued compliance every two years by submission of an affidavit of its CEO.
- B. A hospital or center which fails to meet the criteria for a STEMI receiving center or which no longer choose to maintain state STEMI receiving center recognition, shall immediately notify LERN and local EMS.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A), 48:2845(A)(7) and R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2591 (December 2014).

§18905. STEMI Center Listing

A. LERN will publish a list on its website of hospitals or centers attesting to STEMI center criteria for recognition as either a STEMI receiving center or STEMI referral center. This list shall be made available to the LERN regional commissions for facilitation of EMS transportation plans.

AUTHORITY NOTE: Promulgated in accordance with La. R.S. 40:2846(A) and 48:2845(A)(7).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2591 (December 2014).

§18907. Hospital Destination/STEMI System Transport:

A. These rules are not intended to prevent any hospital or medical facility from providing medical care to any patient but rather to serve as a guideline to facilitate the timely and appropriate delivery of STEMI patients to the most appropriate care site for the definitive treatment of STEMI.

B. Knowledge of STEMI capabilities and the use of a STEMI pre-hospital destination protocol will enable providers to make timely decisions, promote appropriate utilization of the STEMI care delivery system, and ultimately save lives.

AUTHORITY NOTE: Promulgated in accordance with La. R.S. 40:2846(A), 48:2845(A)(7) and R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 40:2591 (December 2014).

Chapter 191. Trauma Protocols

§19101. Entry Criteria and Region 4 LERN LCC Destination Protocol

A. On November 15, 2007, the Louisiana Emergency Response Network Board [R.S. 40:2842(1)] adopted and promulgated "LERN Entry Criteria" and "LERN Region 4 LCC Destination Protocol" for region 4 of the Louisiana Emergency Response Network (R.S. 40:2842(3)), which region includes the parishes of Acadia, Evangeline, Iberia, Lafayette, St. Martin, St. Landry, and Vermilion, as follows.

1. LERN Entry Criteria

LERN Entry Criteria			
 □ Unmanageable Airway □ Tension Pneumothorax □ Traumatic cardiac arrest □ Burn patient without patent airway □ Burn patient >40% BSA without IV 	YES→	Call LCC	
Neurologic Trauma ☐ GCS <14 + one or more of the following:			
 Penetrating head injury or depressed skull fracture 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) 	YES→	Call LCC	
Physiologic	•	•	
□ 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 and > 9 y/o) <15 or >30 (age 1 to 8) <25 or >50 (<12 m/o)	YES→	Call LCC	
Anatomic			
□ All penetrating injuries to neck, torso and extremities proximal to elbow and knee □ Flail Chest □ 2 or more proximal long-bone fractures □ Crush, degloved or mangled extremity □ Amputation proximal to wrist and ankle □ Pelvic Fracture □ Hip fractures (hip tenderness, deformity, lateral deviation of foot) □ 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, etc.)	YES→	Call LCC	

LERN Entry Criteria			
Mechanism			
\Box Falls > 20 ft. (a	adults) ld) or 2 to 3 times height		
☐ High-risk auto	crash 12 in. occupant site:		~
	al or complete from	YES→	Call LCC
☐ Death in same	passenger compartment		
☐ Auto vs. pedes over or >5 MP	trian/bicyclist thrown, run H impact		
☐ Motorcycle cra	ash >20 MPH		
Special			
☐ Pregnancy >20 ☐ Burns (will fol) weeks low ABA guidelines)	$YES{\rightarrow}$	Call LCC
Other			
□ Age ≥55 y/o or □ Anticoagulatio □ End stage rena □ Transplant pati	n and bleeding disorders I disease	YES→	Call LCC

2. LERN Region 4 LCC Destination Protocol

LERN Region 4 LCC Destination Protocol			
☐ Unmanageable Airway	FIOLOCOL	l	
☐ Tension Pneumothorax			
	VEC .	Closest	
☐ Traumatic cardiac arrest	$YES \rightarrow$	ED	
Burn patient without patent airway			
☐ Burn patient >40 percent BSA without IV			
NO ↓			
Neurologic Trauma			
\Box GCS < 14 + one or more of the following:			
☐ Penetrating head injury or depressed			
skull fracture			
☐ Open head injury with or without CSF		LEDN	
leak	$YES \rightarrow$	LERN	
☐ Deterioration of the GCS		Level II	
☐ Lateralizing signs or paralysis (i.e., one-			
sided weakness, motor, or sensory			
deficit)			
NO			
↓			
Physiologic			
\square SBP <90 (adults and > 9 y/o)			
<70 + 2 [age (yrs)] (age 1 to 8)			
<70 (age 1 to 12 months)		LERN	
<60 (term neonate)	$YES \rightarrow$	Level II	
\square RR <10 or >29 (adults and \ge 9 y/o)		or III	
<15 or >30 (age 1 to 8)			
<25 or >50 (<12 m/o)			
NO			
<u> </u>			
Anatomic		1	
☐ All penetrating injuries to neck, torso and			
extremities proximal to elbow and knee			
☐ Flail Chest			
☐ 2 or more proximal long-bone fractures			
☐ Crush, degloved or mangled extremity			
☐ Amputation proximal to wrist and ankle			
☐ Pelvic Fracture	******	LERN	
☐ Hip fractures (hip tenderness, deformity, lateral deviation of foot)	YES→	Level II or III	
☐ Major joint dislocations (hip, knee, ankle,		-	
elbow)			
☐ Open Fractures			
☐ Fractures with neurovascular compromise			
(decreased peripheral pulses or prolonged			
capillary refill, motor or sensory deficits			

LERN Region 4 LCC Destination Protocol				
distal to fracture, etc.)				
↓				
Mechanism				
□ Falls > 20 ft. (adults)	YES→	LERN Level II or III		
NO ↓	1	1		
Special				
□ Pregnancy >20 weeks□ Burns (will follow ABA guidelines)	$YES \rightarrow$	LERN		
NO ↓				
Other				
 □ Age ≥ 55 y/o or <8 y/o □ Anticoagulation and bleeding disorders □ End stage renal disease □ Transplant patients 	YES→	LERN Level II, III or IV		

- B. On June 26, 2008, the Louisiana Emergency Response Network Board passed a resolution allowing any region of the Louisiana Emergency Response Network which agreed to use the foregoing "LERN Entry Criteria" and "LERN Region 4 LCC Destination Protocol" to begin operating using the "LERN Entry Criteria" and "LERN Region 4 LCC Destination Protocol" set forth above.
- C. This protocol was published at LR 35:1181-1183 (June 20, 2009).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:138 (January 2015)

§19103. Region 7 LERN Entry and Destination Protocols

- A. On November 15, 2007, the Louisiana Emergency Response Network Board [R.S. 40:2842(1)] adopted and promulgated "Region 7 LERN Entry and Destination Protocol" for region 7 of the Louisiana Emergency Response Network [R.S. 40:2842(3)], which region includes the parishes of Bienville, Bossier, Caddo, Claiborne, DeSoto, Natchitoches, Red River, Sabine and Webster, as follows.
- 1.a. Traumatic patients who meet the following criteria will be entered to LERN call center and should be transported directly to LSUHSC in Shreveport, Louisiana, if possible:
- i. airway compromise (intubated, apneic, or obstructed airway);
- ii. penetrating wound of head, neck, chest, abdomen, groin, or buttocks;
 - iii. blood pressure ≤ 100 or signs of shock;
 - iv. GCS 12 or less;

- v. new onset neurological deficit associated with traumatic event;
- vi. extremity wound with absent pulse or amputation proximal to foot or hand.
- b. Trauma patients who meet the following criteria, and are located outside the city limits of Shreveport and Bossier City, should be taken to nearest hospital for immediate stabilization followed by continued rapid transport to LSUHSC Shreveport per the LERN hospital protocol:
- i. unable to establish and maintain adequate airway/ventilation;
- ii. hypotension unresponsive to crystalloids (no more than $2\,L$);
- iii. patients who meet trauma center criteria but have a transport time > 60 minutes;
 - iv. traumatic arrest.
- B. On May 8, 2008, the Louisiana Emergency Response Network Board (R.S. 40:2842(1)) amended and promulgated, as amended, "Region 7 LERN Entry and Destination Protocol" for region 7 of the Louisiana Emergency Response Network (R.S. 40:2842(3)), which region includes the parishes of Bienville, Bossier, Caddo, Claiborne, DeSoto, Natchitoches, Red River, Sabine and Webster, which protocol was originally adopted and promulgated on November 15, 2007, so that the "Region 7 Louisiana Emergency Response Network Entry and Destination Protocol," as amended, effective May 8, 2008, is as follows.
- 1.a. Traumatic patients who meet the following criteria will be entered to LERN call center and should be transported directly to LSUHSC in Shreveport, if possible:
- i. airway compromise (intubated, apneic, or obstructed airway);
- ii. penetrating wound of head, neck, chest, abdomen, groin, or buttocks;
 - iii. blood pressure ≤ 100 or signs of shock;
 - iv. GCS 12 or less;
- v. new onset neurological deficit associated with traumatic event;
- vi. extremity wound with absent pulse or amputation proximal to foot or hand;
- vii. burn patients as identified following ABA guidelines;
- viii. healthcare provider discretion—patients evaluated by hospitals may be entered into LERN if the evaluating hospitals medical personnel determines the patient has a medical condition requiring immediate surgical evaluation and/or intervention and the transferring hospital does not have these services immediately available at that facility (Healthcare provider discretion does not include orthopedic injuries.).

- b. Patients that have been entered into LERN but will require greater than 60 minute transport time from the field should stop at local area hospitals for stabilization. These patients should still be entered into LERN from the field but will require transport to local area hospitals for stabilization. LERN will facilitate the movement of these patients from the local hospital once stabilizing measures are completed.
- i. The following are conditions requiring immediate stabilization by local area hospitals:
- (a). unable to establish and maintain adequate airway/ventilation;
- (b). hypotension unresponsive to crystalloids (no more than $2\,L$);
- (c). patients who meet trauma center criteria but have a transport time > 60 minutes;
 - (d). traumatic arrest.
- C. The following will be routed directly to the LSUHSC Burn Unit from local area hospitals or from the field:
- 1. partial-thickness and full thickness burns greater than 10 percent of the total body surface area (TBSA) in patients younger than 10 years of age or older than 50 years of age;
- 2. partial-thickness and full thickness burns greater than 20 percent of the total body surface area (TBSA) in other age groups;
- 3. partial-thickness and full thickness burns involving the face, eyes, ears, hands, feet, genitalia, perineum, or skin overlying major joints;
- 4. full-thickness burns greater than 5 percent TBSA in any age group;
 - 5. electrical burns, including lightning injury;
 - 6. chemical burns;
 - 7. patients with inhalation injury;
- 8. burn injury in patients with pre-existing illnesses that could complicate management, prolong recovery, or adversely affect mortality risk;
- 9. any burn patient in whom concomitant trauma poses an increased risk of morbidity or mortality may be treated initially in a trauma center until stable before transfer to a burn center;
- 10. children with burns seen in hospitals without qualified personnel or equipment for their care;
- 11. burn injury in patients who will require special social and emotional or long-term rehabilitative support, including cases involving suspected child abuse or neglect.
- D. These protocols were published at LR 35:1183-1184 (June 20, 2009).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:139 (January 2015).

§19105. Standard LERN Entry Criteria; Standard Destination Protocol

A. On June 18, 2009, the Louisiana Emergency Response Network Board (R.S. 40:2842(1)) adopted and promulgated "Standard LERN Entry Criteria" and "Standard Destination Protocol" for use in all regions, except region 7, of the Louisiana Emergency Response Network (R.S. 40:2842(3)), replacing the "LERN Entry Criteria" and "LERN Region 4 LCC Destination Protocol," adopted and promulgated November 15, 2007, as follows.

1. Standard LERN Entry Criteria—Pre-Hospital and Hospital Triage Protocol

Standard LERN Entry Criteria			
Pre-Hospital and Hospital Triage Pr	otocol		
☐ Unmanageable Airway			
☐ Tension Pneumothorax		G 11	
☐ Traumatic cardiac arrest	YES→	Call	
☐ Burn patient without patent airway	TES /	LCC	
☐ Burn patient >40 percent BSA without IV			
Neurologic Trauma	1		
\Box GCS <14 + one or more of the following:			
 Penetrating head injury or depressed skull 			
fracture		Call	
 Open head injury with or without CSF leak 	$YES \rightarrow$	LCC	
☐ Deterioration of the GCS		LCC	
☐ Lateralizing signs or paralysis (i.e., one-sided			
weakness, motor, or sensory deficit)			
Physiologic	I I		
• •			
$\square SBP < 90 \text{ (adults and } > 9 \text{ y/o)}$			
<70 (2 age (yrs)] (age 1 to 8)			
<70 (age 1 to 12 months)	MEG	Call	
<60 (term neonate)	$YES \rightarrow$	LCC	
\square RR <10 or >29 (adults and > 9 y/o)			
<15 or >30 (age 1 to 8)			
<25 or >50 (<12 m/o)			
Anatomic			
☐ All penetrating injuries to neck, torso and			
extremities proximal to elbow and knee			
☐ Flail Chest			
☐ 2 or more proximal long-bone fractures			
☐ Crush, degloved or mangled extremity			
Amputation proximal to wrist and ankle			
Pelvic Fracture		Call	
☐ Hip fractures (hip tenderness, deformity, lateral	$YES \rightarrow$		
deviation of foot)		LCC	
☐ 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, etc.)			
Mechanism			
☐ Falls > 20 ft. (adults)			
> 10 ft. (child) or 2 to 3 times height			
☐ High-risk auto crash			
Intrusion > 12 in, occupant site:			
>18 in. any site		C-11	
Ejection, partial or complete from	$YES \rightarrow$	Call	
automobile		LCC	
 Death in same passenger 			
compartment			
☐ Auto vs. pedestrian/bicyclist thrown, run over or			
significant (>20 MPH) impact			
☐ Motorcycle crash >20 MPH			
Special			

Standard LERN Entry Criteria			
Pre-Hospital and Hospital Triage Protocol			
☐ Burns (will follow ABA guidelines)		LCC	
Other			
\Box Age \geq 55 y/o or <8 y/o			
☐ Anticoagulation and bleeding disorders	YES→	Call	
☐ End stage renal disease	1 E3→	LCC	
☐ Transplant patients			

2. Standard Destination Protocol

	Standard Destination Protocol		
	Unmanageable Airway		
	Tension Pneumothorax Traumatic cardiac arrest	YES→	Closest
		1ES→	ED
	Burn patient without patent airway		
	Burn patient >40 percent BSA without IV NO		
	NO ↓		
Ne	urologic Trauma		
	GCS <14		
	Penetrating head injury or depressed skull		
	fracture		LERN
	Open head injury with or without CSF leak	YES→	Level I
	Deterioration of the GCS	,	or II
	Lateralizing signs or paralysis		
	(i.e., one-sided weakness, motor, or sensory		
	deficit) NO		
	NO ↓		
Ph	ysiologic		
	SBP $<$ 90 (adults and $>$ 9 y/o)		
	<70 + 2 [age (yrs)] (age 1 to 8)		
	<70 (age 1 to 12 months)		LERN
	<60 (term neonate)	$YES \rightarrow$	Level I,
	RR $<$ 10 or $>$ 29 (adults and $>$ 9 y/o)		II or III
	<15 or >30 (age 1 to 8)		
	<25 or >50 (<12 m/o) NO		
	110 ↓		
An	atomic		
	All penetrating injuries to neck, torso and		
	extremities proximal to elbow and knee		
	Flail Chest		
	2 or more proximal long-bone fractures		
	Crush, degloved or mangled extremity		
	Amputation proximal to wrist and ankle		
	Pelvic Fracture		LERN
	Hip fractures (hip tenderness, deformity, lateral	YES→	Level I,
	deviation of foot)	11.5 7	II or III
	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, etc.)		
	NO	l .	
	↓ ↓		
·			

Standard Destination Protocol		
Mechanism		
☐ Falls >20 ft. (adults) >10 ft. (child) or 2 to 3 times height		
☐ High-risk auto crash		
 Intrusion >12 in. occupant site: 		
• >18 in. any site		LERN
 Ejection, partial or complete from automobile 	YES→	Level II or II
 Death in same passenger compartment 		
☐ Auto vs. pedestrian/bicyclist thrown, run over or		
significant (>20 MPH) impact		
☐ Motorcycle crash >20 MPH		
NO		
↓		
Special	1	1
☐ Pregnancy >20 weeks		LERN
☐ Burns (will follow ABA guidelines)	$YES \rightarrow$	Level
NO		II or II
NO ↓		
Other		
\Box Age ≥ 55 y/o or <8 y/o		LERN
☐ Anticoagulation and bleeding disorders	YES→	Level
☐ End stage renal disease	1 E3→	II, III
☐ Transplant patients		or IV

B. These protocols were published at LR 35:1409 (July 20, 2009).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:140 (January 2015).

§19107. Interregional Transfer Protocol

- A. On June 18, 2009, the Louisiana Emergency Response Network Board [R.S. 40:2842(1)] adopted and promulgated "Interregional Transfer Protocol" for the Louisiana Emergency Response Network [R.S. 40:2842(3)], as follows.
- 1. The LERN interregional transfer protocol only applies to those regions and (hospitals/EMS) that are participating in the LERN network.
- 2. The interregional transfer protocol will be tested over a 90 day period. At the end of the 90 days all interregional transfers will be reviewed for compliance with protocols, quality, patient safety and standards of care. This information will be shared with commissions of the regions participating as well as the LERN board and the "design the system group". Decisions regarding the interregional transfer protocol will be made at the end of the 90 days trial period.

3. Interregional Transfer Protocol

- a. All patients whose condition exceeds the regionally available resources provided by local area hospitals may be transferred from one region to another following LERN interregional transfer protocol. Destination to the definitive care hospital in the receiving region will follow the LERN standard protocol (all laws regarding EMTALA apply).
- b. Only regions operating with the LERN standard protocol will be involved in the LERN interregional transfer protocol.

- c. Patients being transferred via the LERN interregional transfer protocol must:
- i. be assessed at a local area hospital for treatment and stabilized by a physician and meet the entry criteria as determined by LERN standard protocol;
- ii. treating physician will call LERN to request a transfer to another hospital;
- iii. LCC (LERN call center) will determine the closest and most appropriate facility available following LERN standard protocol;
- iv. if there are no available resources in the region then the LCC will locate an appropriate facility outside the region, and an interregional transfer will be considered. (All LERN interregional transfers will be reviewed by LERN medical directors and data will be collected for QI/PI.)

d. Exceptions

- i. EMS requesting LERN for patients located on or close to borders between two regions will and can be directed to either region based on the patient needs and available resources.
- ii. Air-med at the scene that is able to mitigate the time of transfer of long distances will and can be directed to hospitals outside the region they originate from based on patients needs and available resources.
- iii. LERN medical directors will be involved in the decision making (real time) in all patients that fall into the exception category.
- B. On August 20, 2009, the Louisiana Emergency Response Network Board [R.S. 40:2842(1)] adopted and promulgated the amended "Interregional Transfer Protocol" for the Louisiana Emergency Response Network [R.S. 40:2842(3)], as follows.
- 1. The LERN interregional transfer protocol only applies to those regions, hospitals and pre-hospital providers that are participating in the LERN network.
- 2. The interregional transfer protocol will be tested over a 90 day period, at the end of which all interregional transfers will be reviewed for compliance with protocols, quality, patient safety and standards of care. This information will be shared with regional commissions, LERN Board, and LERN design the system work group. Decisions regarding the Interregional Transfer Protocol will be made at the end of the 90-day trial period.

3. Interregional Transfer Protocol

- a. All patients whose conditions exceed the regionally available resources provided by local area hospitals may be transferred from one region to another following LERN interregional transfer protocol. Destination to the definitive care hospital in the receiving region will follow the LERN standard protocol. All laws regarding EMTALA apply.
- b. Only regions operating with the LERN standard protocol will be involved in the LERN interregional transfer protocol.

- c. Patients transferred via the LERN interregional transfer protocol must:
- i. be assessed at a local area hospital for treatment, be stabilized by a physician, and meet the entry criteria as determined by LERN standard protocol; and
- ii. have a treating physician call LERN to request a transfer to another hospital.
- d. The LERN call center (LCC) will determine the closest and most appropriate facility available following LERN standard protocol.
- e. If there are no available resources in the region, the LCC will locate an appropriate facility outside the region, and a interregional transfer will be considered.
- f. All LERN interregional transfers will be reviewed by LERN medical directors and data will be collected for QI/PI.

g. Exceptions

- i. Pre-hospital providers requesting LERN for patients located on or close to borders between regions will and can be directed to either region based on the patient needs and available resources.
- ii. Air-med at the scene able to mitigate the time of transfer of long distances will and can be directed to hospitals outside the region they originate from, based on patient needs and available resources.
- iii. LERN medical directors will be involved in the decision making for all patients in the exception category.
- C. These protocols were published at LR 35:2109-2110 (September 20, 2009).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:141 (January 2015).

§19109. Standard LERN Entry and Destination Criteria

- A. On October 21, 2010, the Louisiana Emergency Response Network Board [R.S. 40:2842(1)] revised, adopted and promulgated "Standard LERN Entry Criteria" and "Standard Destination Protocol" for use in all regions, except region 7, of the Louisiana Emergency Response Network [R.S. 40:2842(3)], replacing the "LERN Entry Criteria" and "LERN Region 4 LCC Destination Protocol," adopted and promulgated June 18, 2009, as follows.
- 1. Standard LERN Entry Criteria—Pre-Hospital and Hospital Triage Protocol

Standard LERN Entry Criteria			
Pre-Hospital and Hospital Triage Protocol			
☐ Unmanageable Airway			
☐ Tension Pneumothorax		Call	
☐ Traumatic cardiac arrest	$YES \rightarrow$	LCC	
☐ Burn patient without patent airway		LCC	
☐ Burn patient >40 percent BSA without IV			
Neurologic Trauma			
\Box GCS <14 + one or more of the following:	$YES \rightarrow$	Call	

Standard LERN Entry Criteria				
Pre-Hospital and Hospital Triage Pr	otocol			
 Penetrating head injury or depressed skull fracture 		LCC		
☐ 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)				
Physiologic	1	1		
\Box SBP <90 (adults and > 9 y/o)				
<70 + 2 [age (yrs)] (age 1 to 8)				
<70 (age 1 to 12 months)		Call		
<60 (term neonate)	YES→	LCC		
\square RR <10 or >29 (adults and ≥ 9 y/o)				
<15 or >30 (age 1 to 8)				
<25 or >50 (<12 m/o)				
Anatomic		•		
☐ All penetrating injuries to neck, torso and				
extremities proximal to elbow and knee				
☐ Flail Chest				
☐ 2 or more proximal long-bone fractures				
☐ Crush, degloved or mangled extremity				
☐ Amputation proximal to wrist and ankle				
□ Pelvic Fracture				
☐ Hip fractures (hip tenderness, deformity, lateral		C 11		
deviation of foot) excluding isolated hip	$YES \rightarrow$	Call		
fractures from same level falls		LCC		
☐ 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, etc.)				
Mechanism	1	I		
☐ Falls >20 ft. (adults)				
>10 ft. (child) or 2 to 3 times height				
☐ High-risk auto crash				
Intrusion >12 in. occupant site:				
>18 in. any site				
Ejection, partial or complete from	YES→	Call		
automobile	1L5-7	LCC		
Death in same passenger compartment				
Auto vs. pedestrian/bicyclist thrown, run over or				
significant (>20 MPH) impact				
☐ Motorcycle crash >20 MPH				
Special				
☐ Pregnancy >20 weeks		Call		
• •	$YES \rightarrow$	LCC		
Burns (will follow ABA guidelines)		LCC		
Other	1			
		~		
Anticoagulation and bleeding disorders	YES→	Call		
☐ End stage renal disease		LCC		
☐ Transplant patients				
2. Standard Destination Protocol				
Standard Destination Protocol				
☐ Unmanageable Airway				
☐ Tension Pneumothorax		Classet		
☐ Traumatic cardiac arrest	$YES \rightarrow$	Closest ED		
☐ Burn patient without patent airway		עם		
☐ Burn patient >40 percent BSA without IV				

Standard Destination Protocol				
	Unmanageable Airway			
	Tension Pneumothorax		Closest	
	Traumatic cardiac arrest	$YES \rightarrow$	ED	
	Burn patient without patent airway		ED	
	Burn patient >40 percent BSA without IV			
	NO			
	\downarrow			
Ne	urologic Trauma			
	GCS <14			
	Penetrating head injury or depressed skull		LERN	
	fracture	VEC .	Lekn Level I	
	Open head injury with or without CSF leak	$YES \rightarrow$	or II	
	Deterioration of the GCS		OI II	
	Lateralizing signs or paralysis (i.e., one-sided			

Standard Destination Protocol	1	
weakness, motor, or sensory deficit)		
NO	•	
\downarrow		
Physiologic		
\Box SBP <90 (adults and >9 y/o)		
<70 + 2 [age (yrs)] (age 1 to 8)		
<70 (age 1 to 12 months)	T.TEG	LERN
<60 (term neonate) \square RR <10 or >29 (adults and ≥9 y/o)	$YES \rightarrow$	Level I, II or III
RR <10 or >29 (adults and \geq 9 y/o) <15 or >30 (age 1 to 8)		11 01 111
<25 or >50 (<12 m/o)		
NO	I	
\downarrow		
Anatomic		
☐ All penetrating injuries to neck, torso and		
extremities proximal to elbow and knee		
☐ Flail Chest		
☐ 2 or more proximal long-bone fractures		
☐ Crush, degloved or mangled extremity		
Amputation proximal to wrist and ankle		
Pelvic Fracture		LERN
☐ Hip fractures (hip tenderness, deformity, lateral deviation of foot) excluding isolated hip	YES→	Lekn Level I,
fractures from same level falls	1L3→	II or III
☐ Major joint dislocations (hip, knee, ankle,		11 01 111
elbow)		
□ Open Fractures		
☐ Fractures with neurovascular compromise		
(decreased peripheral pulses or prolonged		
capillary refill, motor or sensory deficits distal		
to fracture, etc.)		
NO ↓		
Mechanism		
☐ Falls >20 ft. (adults)		
>10 ft. (child) or 2 to 3 times height		
☐ High-risk auto crash		
 Intrusion >12 in. occupant site: 		
• >18 in. any site		LERN
 Eiection, partial or complete from 	$YES \rightarrow$	Level
-J , F		II or III
automobile		
automobileDeath in same passenger compartment		
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over		
automobile • Death in same passenger compartment □ Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact		
automobile • Death in same passenger compartment □ Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact □ Motorcycle crash >20 MPH		
automobile • Death in same passenger compartment □ Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact		
automobile ■ Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special		
automobile • Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO ↓		LERN
automobile ■ Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special	YES→	Level
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special Pregnancy >20 weeks Burns (will follow ABA guidelines)	YES→	
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special Pregnancy >20 weeks	YES→	Level
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special Pregnancy >20 weeks Burns (will follow ABA guidelines)	YES→	Level
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO V Special Pregnancy >20 weeks Burns (will follow ABA guidelines) NO NO NO NO NO	YES→	Level
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special Pregnancy >20 weeks Burns (will follow ABA guidelines) NO Other		Level II or III
automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH NO Special Pregnancy >20 weeks Burns (will follow ABA guidelines) NO Other Age ≥ 55 y/o or <8 y/o	YES→	Level II or III LERN

B. These protocols were published at LR 36:2743-2745 (November 20, 2010).

AUTHORITY NOTE: Promulgated in accordance with R.S.

9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:142 (January 2015).

§19111. Interregional Transfer Protocol

A. On January 20, 2011, the Louisiana Emergency Response Network Board (R.S. 40:2842(1) and (3)) adopted and promulgated "LERN Hospital Interregional Transfer Guidelines" and "LERN Hospital Interregional Transfer Protocol", replacing "Interregional Transfer Protocol" adopted June 18, 2009, as follows.

1. LERN Hospital Interregional Transfer Guidelines

- a. All patients whose conditions exceed the regionally available resources provided by local area hospitals may be transferred from one region to another following LERN interregional transfer protocol.
- b. The LERN hospital interregional transfer protocol only applies to hospitals that are participating in the LERN network.
- c. Regions or individual parishes that have MOU's (which include medical control and destination guidelines), between an ACS verified level 1 trauma center and a local parish medical society(ies) will be incorporated into the LCC standard operating procedure for the effected region(s).

2. LERN Hospital Interregional Transfer Protocol

- a. Patients transferred via the LERN hospital interregional transfer protocol must:
- i. meet LERN standard entry criteria that requires resources and/or capabilities not available in that region;
- ii. be assessed and stabilized to the best of their ability at a local area hospital prior to transport to the closest appropriate hospital;
- iii. the treating physician/nurse must contact LERN to request a transfer. The LERN communications center (LCC) will determine the closest and most appropriate facility available following the LERN standard destination protocol.
- B. These guidelines and protocols were published at LR 37:751 (February 20, 2011).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:143 (January 2015).

§19113. LERN Entry Criteria: Trauma; LERN Destination Protocol: Trauma

A. On January 20, 2011, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "LERN ENTRY CRITERIA: Trauma; Pre-Hospital and Hospital Triage Protocol" and "LERN DESTINATION PROTOCOL: Trauma" replacing the "Standard LERN Entry Trauma Criteria" and "Standard LERN Entry Trauma Criteria Destination Protocol" adopted and promulgated January 20, 2011, as follows.

1. LERN Entry Criteria: Trauma

a. Pre-Hospital and Hospital Triage Protocol

Call LERN Communications Center for:

Call LERN Communications Center for:

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

Physiologic

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

Anatomic

- Open or depressed skull fractures
- · Open head injury with or without CSF leak
- Lateralizing signs or paralysis (i.e., one-sided weakness, motor, or sensory deficit)
- All penetrating injuries to head, neck, torso, and extremities proximal to elbow and knee
- · Flail Chest
- 2 or more proximal long-bone fractures
- Crush, degloved or mangled extremity
- Amputation proximal to wrist and 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 (follow ABA guidelines)
- Age ≥ 55 y/o or < 8 y/o
- Anticoagulation and bleeding disorders
- End stage renal disease
- · Transplant patients

Multi/Mass Casualty Incident (MCI)

2. LERN Destination Protocol: Trauma

LERN Destination Protocol: Trauma			
 Unmanageable Airway Tension Pneumothorax Traumatic cardiac arrest Burn patient without patent airway Burn patient >40 percent BSA without IV 	YES→	Closest ED	
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 and > 9 y/o) <15 or >30 (age 1 to 8)	YES→	LERN Level I, II, or III	

LERN Destination Protocol: Trauma				
<25 or >50 (< 12 m/o)	luilla			
, , ,				
Anatomic				
Open or depressed skull fractures Open head injury with or without CSF leak Lateralizing signs or paralysis (i.e., one-sided weakness, motor, or sensory deficit)				
All penetrating injuries to neck, torso and extremities proximal to elbow and knee Flail Chest 2 or more proximal long-bone fractures				
Crush, degloved or mangled extremity Amputation proximal to wrist and ankle Pelvic Fracture Hin fractures (hin tenderness, deformity)	YES→	LERN Level I, II, or III		
lateral deviation of foot) excluding isolated hip fractures from same level falls • Major joint dislocations (hip, knee, ankle, elbow)	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				
	1	1		
☐ Falls > 20 ft. (adults) > 10 ft. (child) or 2 to 3 times height ☐ High-risk auto crash Intrusion > 12 in. occupant site: >18 in. any site	LITE C	LERN		
□ Ejection, partial or complete from automobile □ Death in same passenger compartment □ Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact □ Motorcycle crash >20 MPH	YES→	Level II, or III		
Other	i	l		
Pregnancy > 20 weeks				
 Burns (follow ABA guidelines) Age >55 y/o or <8 y/o Anticoagulation and bleeding disorders End stage renal disease Transplant patients 	YES→	LERN Level II, III, or IV		
MULTI/MASS CASUALTY INCIDENT (MCI)	YES→	LERN Level I, II, III, or IV		

B. These protocols were published at LR 37:1466-1468 (April 20, 2011).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:143 (January 2015).

§19115. LERN Destination Protocol: TRAUMA

A. On April 26, 2012, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "LERN Destination Protocol: Trauma" replacing the "LERN Destination Protocol: Trauma" adopted and promulgated April 21, 2011, as follows.

Unmanageable Airway Tension Pneumothorax Traumatic cardiac arrest Burn Patient without patent airway Burn patient >40 percent BSA without IV	\rightarrow	Closest ED
Physiologic • GCS <14 • SBP <90 (adults and > 9 y/o) <70 + 2 [age (yrs)] (age 1 to 8 y/o) <70 (age 1 to 12 months) <60 (term neonate) • RR <10 or >29 (adults and ≥ 9 y/o) <15 or >30 (age 1 to 8 y/o) <25 or >50 (<12 m/o)	\rightarrow	Level I, II, or III*
Anatomic		
 Open or depressed skull fractures Open head injury with or without CSF leak 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 	\rightarrow	Level I, II, or III*
Falls >20 ft. adults >10 ft. (child) or 2 to 3 times height High-risk auto crash Intrusion > 12 in. occupant site > 18 in. any site Ejection, partial or complete from automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH	\rightarrow	Level I, II, or III*
Other		ı
 Pregnancy >20 weeks Burns (follow ABA guidelines) Age ≥ 55 y/o or <8 y/o Anticoagulation and bleeding disorders -patients w/ head injuries are at high risk for rapid deterioration 	\rightarrow	Level II, or III*
MULTI/MASS CASUALTY INCIDENT (MCI)	\rightarrow	Level I, II, or III*

^{*}Refers to ACS Verified Level Trauma Center—Where trauma center not available, patient will be routed to facility with appropriate resource which may not need be the highest level facility.

B. This protocol was published at LR 38:1462-1463 (June 20, 2012).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:144 (January 2015).

§19117. LERN Destination Protocol: Trauma

A. On November 21, 2013, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "LERN Destination Protocol: TRAUMA" replacing the "LERN Destination Protocol: Trauma" adopted and promulgated April 26, 2012, and repealing "LERN ENTRY CRITERIA, Trauma Pre-Hospital and Hospital Triage Protocol" adopted and promulgated April 21, 2011, as follows.

1. Call LERN Communication Center at (866) 320-8293 for patients meeting the following criteria.

Unmanageable airway Tension pneumothorax Traumatic cardiac arrest Burn patient without patent airway Burn patient > 40 percent BSA without IV	\rightarrow	Closest ED/Trauma Center
NO ↓		
Physiologic		
GCS < 14 SBP < 90 (adults and > 9 y/o) < 70 + 2 [age (yrs)] (age 1 to 8 y/o) < 70 (age 1 to 12 months) < 60 (term neonate) RR < 10 or > 29 (adults & ≥ 9 y/o) < 15 or > 30 (age 1 to 8 y/o) < 25 or > 50 (< 12 m/o)	\rightarrow	To Appropriate Trauma Center or Hospital as Determined by LERN Communication Center
NO		
<u> </u>		
Anatomic		
 Open or depressed skull fractures Open head injury with or without CSF leak Lateralizing signs or paralysis (i.e., one-sided weakness, motor, or sensory deficit) All penetrating injuries to head, neck, torso, and extremities proximal to elbow and knee Flail Chest 2 or more proximal long-bone fractures Crush, degloved or mangled extremity Amputation proximal to wrist and 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) 	\rightarrow	To Appropriate Trauma Center or Hospital as Determined by LERN Communication Center
NO J.		
Mechanism		
Falls >20 ft. adults >10 ft. (child) or 2 to 3 times height High-risk auto crash Intrusion >12 in. occupant site >18 in. any site Ejection, partial or complete from automobile Death in same passenger compartment Auto vs. pedestrian/bicyclist thrown, run over or significant (>20 MPH) impact Motorcycle crash >20 MPH	\rightarrow	To Appropriate Trauma Center or Hospital as Determined by LERN Communication Center

270		
NO		
↓		
Other		
• Pregnancy >20 weeks		To Appropriate
Burns (follow ABA guidelines)		Trauma Center
• Age ≥ 55 y/o or < 8 y/o		or Hospital as
Anticoagulation and bleeding disorders -	\rightarrow	Determined by
patients w/ head injuries are at high risk		LERN
for rapid deterioration		Communication
1		Center
		To Appropriate
		Trauma Center
		or Hospital as
	\rightarrow	Determined by
		LERN
MULTI/MASS CASUALTY INCIDENT		Communication
(MCI)		Center

B. This protocol was published at LR 40:190-191 (January 20, 2014).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Louisiana Emergency Response Network, LR 41:145 (January 2015).

§19119. Destination Protocol: TRAUMA

A. On November 20, 2014, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "Destination Protocol: Trauma" to be effective January 1, 2015, and replacing the "LERN Destination Protocol: Trauma" adopted and promulgated November 21, 2013, as follows.

1. Call LERN communication center at (866) 320-8293 for patients meeting the following criteria.

Unmanageable airway Tension pneumothorax Traumatic cardiac arrest Burn patient without patent airway Burn patient > 40 percent BSA without IV No	Yes→	Closest ED/ Trauma Center
Measure vital signs and level of consciousness		
GCS ≤13 SBP <90mmHg RR <10 or >29 breaths per minute, or need for ventilator Support (<20 in infant aged <1 year)	Yes→	Transport to Trauma Center/ Trauma Program These patients should be transported to the highest level of care within the defined trauma system. This is a Level 1 or a Level 2 Trauma Center or Trauma Program. * If distance or patient condition impedes transport to trauma facility, consider transport to most appropriate resourced hospital.
↓ No		
Assess anatomy of injury		
All penetrating injuries to head, neck, torso, and	Yes→	Transport to Trauma Center/ Trauma

.		
extremities proximal to elbow		Program
or knee		These patients should be
Chest wall instability or		transported to the
deformity (e.g. flail chest)		highest level of care within the defined
Two or more proximal long- bone fractures		trauma system. This is a
Crushed, degloved, mangled,		Level 1 or a Level 2
or pulseless extremity		Trauma Center or
Amputation proximal to wrist		Trauma Program.
or ankle		* If distance or patient
Pelvic fractures		condition impedes
 Open or depressed skull 		transport to trauma
fracture		facility, consider
Paralysis		transport to most
Fractures with neurovascular		appropriate resourced
compromise (decreased		hospital.
peripheral pulses or prolonged capillary refill, motor or		
sensory deficits distal to		
fracture)		
↓ No	†	
Assess mechanism of injury and	1	
evidence of high-energy impact		
• Falls		Transport to Trauma
- Adults: >20 feet (one		Center/Trauma Program
story is equal to 10 feet)		which, depending upon
- Children: >10 feet or two		the defined trauma
or three times the height		system, need not be the
of the child		highest level trauma
High-risk auto crash Intraction including		center/program. If no Trauma Center/Trauma
- Intrusion, including roof: > 12 inches		Program in the region,
roof: > 12 inches occupant site;		LCC may route to the
> 18 inches any site		most appropriate
- Ejection (partial or	Yes→	resourced hospital.
complete) from		· · ·
automobile		
- Death in the same		
passenger compartment		
 Vehicle telemetry data 		
consistent with a high		
risk of injury		
Auto vs. pedestrian/bicyclist/ ATV through man over on with		
ATV thrown, run over, or with		
significant (>20 mph) impactMotorcycle crash >20mph		
Motorcycle crasn >20mpn ↓ No	+	
Assess special patient or system	+	
considerations		
Older Adults	+	Transport to Trauma
- Risk of injury/death		i i i i i i i i i i i i i i i i i i i
		Center/Trauma Program
increases after age 55		Center/Trauma Program which, depending upon
increases after age 55 years		
II = = = = = = = = = = = = = = = = = =		which, depending upon
years - SBP <110 may represent shock after age 65		which, depending upon the defined trauma system, need not be the highest level trauma
years - SBP <110 may represent shock after age 65 - Low impact mechanisms		which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls)		which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe		which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region,
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury		which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children		which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged preferentially to pediatric	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged preferentially to pediatric capable trauma centers	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged preferentially to pediatric capable trauma centers - Anticoagulants and bleeding	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged preferentially to pediatric capable trauma centers - Anticoagulants and bleeding disorders	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged preferentially to pediatric capable trauma centers - Anticoagulants and bleeding disorders - Patients with head injury	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury - Children - Should be triaged preferentially to pediatric capable trauma centers - Anticoagulants and bleeding disorders	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury Children - Should be triaged preferentially to pediatric capable trauma centers Anticoagulants and bleeding disorders - Patients with head injury are at high risk for rapid	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury • Children - Should be triaged preferentially to pediatric capable trauma centers • Anticoagulants and bleeding disorders - Patients with head injury are at high risk for rapid deterioration	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury • Children - Should be triaged preferentially to pediatric capable trauma centers • Anticoagulants and bleeding disorders - Patients with head injury are at high risk for rapid deterioration • Burns	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate
years - SBP <110 may represent shock after age 65 - Low impact mechanisms (e.g. ground level falls) may result in severe injury • Children - Should be triaged preferentially to pediatric capable trauma centers • Anticoagulants and bleeding disorders - Patients with head injury are at high risk for rapid deterioration • Burns - With trauma mechanism:	Yes→	which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate

deformity, lateral deviation of foot) excluding isolated hip fractures from same level falls • Major joint dislocations (hip, knee, ankle, elbow) • Open Fractures • EMS provider judgment		
↓ No		
Multi/Mass Casualty Incident	No→	Transport according to protocol

- 2. When in doubt, transport to a trauma center.
- B. This protocol was published at LR 40:2710 (December 20, 2014).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:950 (May 2015).

§19121. LERN Destination Protocol: TRAUMA

A. On December 10, 2015, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "LERN Destination Protocol: TRAUMA", which replaces the "LERN Destination Protocol: TRAUMA" found in §19121 adopted and promulgated November 20, 2014, as follows.

1. Call LERN communication center at (866) 320-8293 for patients meeting the following criteria.

h		
Unmanageable airway Tension pneumothorax Traumatic cardiac arrest Burn patient without patent airway Burn patient > 40 percent BSA without IV	Yes→	Closest ED/Trauma Center
No J.		
Measure vital signs and level of consciousness		
GCS ≤13 SBP <90mmHg RR <10 or >29 breaths per minute, or need for ventilator Support (<20 in infant aged <1 year)	Yes→	Transport to Trauma Center/ Trauma Program These patients should be transported to the highest level of care within the defined trauma system. This is a Level 1 or a Level 2 Trauma Center or Trauma Program. * If distance or patient condition impedes transport to trauma facility, consider transport to most appropriate resourced hospital.
No		
Assess anatomy of injury		
All penetrating injuries to head, neck, torso, and extremities proximal to elbow or knee Chest wall instability or	Yes→	Transport to Trauma Center/ Trauma Program These patients should be transported to the highest level of care within the defined
deformity (e.g. flail chest) Two or more proximal long-bone fractures Crushed, degloved, mangled, or pulseless		trauma system. This is a Level 1 or a Level 2 Trauma Center or Trauma Program. * If distance or patient condition impedes transport to

	1	
extremity • Amputation proximal to wrist or ankle • Pelvic fractures • Open or depressed skull fracture • Paralysis • Fractures with neurovascular compromise (decreased peripheral pulses or prolonged capillary refill, motor or sensory deficits distal to fracture) No Assess mechanism of injury and evidence of high-energy impact		trauma facility, consider transport to most appropriate resourced hospital.
• Falls		
- Adults: >20 feet (one story is equal to 10 feet) - Children: >10 feet or two or three times the height of the child • High-risk auto crash - Intrusion, including roof: > 12 inches occupant site; > 18 inches any site - Ejection (partial or complete) from automobile - Death in the same passenger compartment - Vehicle telemetry data consistent with a high risk of injury • Auto vs. pedestrian/bicyclist/AT V thrown, run over, or with significant (>20 mph) impact • Motorcycle crash >20mph	Yes→	Transport to Trauma Center/Trauma Program which, depending upon the defined trauma system, need not be the highest level trauma center/program. If no Trauma Center/Trauma Program in the region, LCC may route to the most appropriate resourced hospital.
No		
Assess special patient or		
system considerations Older Adults		
Risk of injury/death increases after age 55 years SBP <110 may represent shock after age 65 Low impact mechanisms (e.g. ground level falls) may result in severe injury Children Should be triaged preferentially to pediatric capable trauma centers Anticoagulants and bleeding disorders Patients with head injury are at high risk for rapid deterioration Burns With trauma mechanism: triage to trauma center Pregnancy >20 weeks	Yes→	Transport to Trauma Center/Trauma Program or hospital capable of timely and thorough evaluation and initial management of potentially serious injuries. Consider consultation with medical control.

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		
 EMS provider judgment 		
No		
\downarrow		
Multi/Mass Casualty	No→	Transport according to protocol
Incident	110→	Transport according to protocor

- 2. When in doubt, transport to a trauma center.
- B. This protocol was published at LR 42:169 (January 2016).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 42:904 (June 2016).

Chapter 193. Stroke Protocols

§19301. LERN Destination Protocol: Stroke

- A. On November 21, 2013, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "LERN Destination Protocol: STROKE," as follows.
- 1. The following protocol applies to patients with suspected stroke.

Compromise Of: • Airway	\rightarrow	Closest ED
BreathingCirculation		
NO ↓		
All other patients with suspected stroke Patients with seizure with focal deficit, extended window (4-8 hrs from onset), and patients with unknown onset may benefit from evaluation at Level I or II hospital with on-site stroke expertise.	\rightarrow	Transport to LERN Stroke Level I, II, or III
NO ↓		
Terminally III or Palliative Care Patient	\rightarrow	Transport to LERN Stroke Level I, II, III, or IV
Guiding principles: • Time is the critical variable in acute stroke care. • Protocols that include are hospital potification while an route by		

- Protocols that include pre-hospital notification while en route by EMS should be used for patients with suspected acute stroke to facilitate primary destination efficiency.
- Treatment with intravenous tPA is the only FDA approved acute therapy for stroke.
- EMS should identify the geographically closest facility capable of providing tPA treatment.
- Transfer patient to the nearest hospital equipped to provide tPA treatment.
- Secondary transfer to facilities equipped to provide tertiary care and interventional treatments should not prevent administration of tPA

to appropriate patients.

B. This protocol was published at LR 40:189-190 (January 20, 2014).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:146 (January 2015).

Chapter 195. STEMI Protocols

§19501. STEMI Triage Protocol for Pre-Hospital Providers

A. On November 21, 2013, the Louisiana Emergency Response Network Board [R.S. 40:2842(1) and (3)] adopted and promulgated "STEMI Triage Protocol for Pre-Hospital Providers," as follows.

Acute coronary symptoms ≥ 15 minutes and < 12 hours AND 12 lead ECG criteria of 1 mm ST elevation in 2 or more contiguous leads OR LBBB NOT KNOWN to be present in the past EMS ECG interpreted or transmitted to hospital for MD consult for bypass and activation			
STEMI-Receiving Center with medical contact-to-device (PCI) ≤ 90 minutes (by ground or air)?	YES→	Transport to nearest STEMI-Receiving Center with pre-hospital notification/activation Goal medical contact to device (PCI) time of 90 minutes or less	
NO ↓			
Transport to closest STEMI-Referral Hospital with Pre- hospital notification/activation Goal medical contact to fibrinolytic needle time of 30 minutes or less	→	Transport to nearest STEMI-Receiving Center for subsequent PCI	

*O'Gara PT, Kushner FG, Ascheim DD, et all. 2013 ACCF/AHA Guideline for the Management of ST-Elevation Myocardial Infraction: A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. Journal of the American College of Cardiology. 2013;61(4):e78.

B. This protocol was published at LR 50:192 (January 20, 2014).

AUTHORITY NOTE: Promulgated in accordance with R.S. 9:2798.5 and R.S. 40:2846(A).

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Emergency Response Network, LR 41:146 (January 2015).

Chapter 197. Trauma Program Recognition

§19701. Generally

A. The goal of the Louisiana Emergency Response Network Board is to establish a trauma system that includes one verified trauma center in each region of the state. Trauma program recognition in excess of this goal will be determined utilizing a needs based assessment. The LERN communication center coordinates access to the trauma system by providing accurate and professional routing of patients experiencing time sensitive illness to the definitive care facility, which includes trauma programs recognized according to these rules.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A), R.S. 40:2845(A)(1) and R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health, Emergency Response Network, LR 42:1931 (November 2016).

§19703. Purpose

- A. LERN recognizes the opportunity to reduce the morbidity and mortality of trauma patients in Louisiana in areas without an existing level I or level II trauma center or an existing level II or level III trauma program through this process which recognizes the achievement of specific benchmarks in hospitals actively pursuing levels II or III trauma center verification through the American College of Surgeons (ACS).
- B. The purpose of this Chapter is to define the qualifications, procedure, and requirements for hospitals seeking trauma center verification by the ACS to be recognized by LERN as achieving the core components of a trauma program and thus qualified for recognition as a trauma program.
- C. The criteria for trauma program recognition are drawn from *Resources for Optimal Care of Injured Patient 2014* published by the ACS.
- D. Trauma program recognition is distinct and different from the trauma center certification by the state. To be certified as a trauma center, a hospital must satisfy the requirements of R.S. 40:2172 and 2173.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A), R.S. 40:2845(A)(1) and R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health, Emergency Response Network, LR 42:1931 (November 2016).

§19705. Qualifications for LERN Trauma Program Recognition

- A. The hospital must be located in a LERN region that does not have an existing ACS verified level I or level II trauma center.
- B. A hospital providing care to trauma patients in a LERN region without an existing ACS verified level I or level II trauma center or without an existing level II or level III trauma program is eligible for trauma program recognition upon meeting the requirements of this rule.

- C. If there is an existing LERN recognized level II or Level III trauma program in the LERN region, the hospital must complete the most current version of the ACS needs based assessment of trauma systems tool (ACS NBATS). If the number of trauma centers allocated by the tool is less than or equal to the number of existing trauma programs in the region, the hospital is not eligible for trauma program recognition.
- D. A hospital must be in the process of working toward ACS verification to be eligible for trauma program recognition.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A), R.S. 40:2845(A)(1) and R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health, Emergency Response Network, LR 42:1932 (November 2016).

§19707. Procedure for Trauma Program Recognition

- A. A hospital must complete the LERN approved form, "application for recognition of trauma program".
- B. The hospital CEO must complete and sign the LERN approved trauma program checklist/attestation for the applicable trauma program level.
- 1. By this attestation, the hospital CEO ensures 24/7/365 availability of the resources listed.
- 2. The attestation must be validated by a site visit by LERN staff.
- 3. Upon CEO attestation and/or site visit, if it is determined by the LERN executive committee in conjunction with the LERN trauma medical director, that the required benchmarks are not in place the hospital will not be eligible for trauma program verification.
- C. After satisfying the requirements of A. and B. above, the hospital will be recognized as a trauma program and such recognition will be added to the LERN resource management screen for the purpose of routing trauma patients.
- D. To maintain trauma program recognition, the hospital must schedule an ACS verification or consultation site visit for the desired trauma level within 12 months of LERN acceptance of the trauma program checklist/attestation.
- 1. If an ACS verification or consultation site visit is not scheduled within 12 months of the signed checklist/attestation, the "trauma program" indicator on LERN resource management screen will be removed.
- E. After a consultation visit for the desired trauma level, the hospital has 1 year to achieve verification by the ACS or the trauma program indicator will be removed on the LERN resource management screen.
- 1. If the hospital fails the ACS verification visit and a focused review visit, the hospital will lose trauma program status. The trauma program indicator will be removed on the LERN resource management screen.

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:2846(A), R.S. 40:2845(A)(1) and R.S. 9:2798.5.

HISTORICAL NOTE: Promulgated by the Department of Health, Emergency Response Network, LR 42:1932 (November 2016).