



# SCHOOL SAFETY SUMMIT

JUNE 15, 2023



**MOTOROLA**  
SOLUTIONS

RAISING CANE'S RIVER CENTER | BATON ROUGE, LA



# Louisiana Emergency Response Network

## What Can You Do To Save A Life?



# Topics Today

- ❖ LERN
- ❖ STROKE Recognition
- ❖ Heart Attack Awareness
  - ❖ Hands Only CPR
  - ❖ AED Use
  - ❖ Stop the Bleed

# Course Objectives

- Understand the current status of trauma and time-sensitive system development in Louisiana
- ID an emergency situation and methods to provide a response
- Recognize the easy to use tools that anyone can use to save a life

# What is the Louisiana Emergency Response Network?

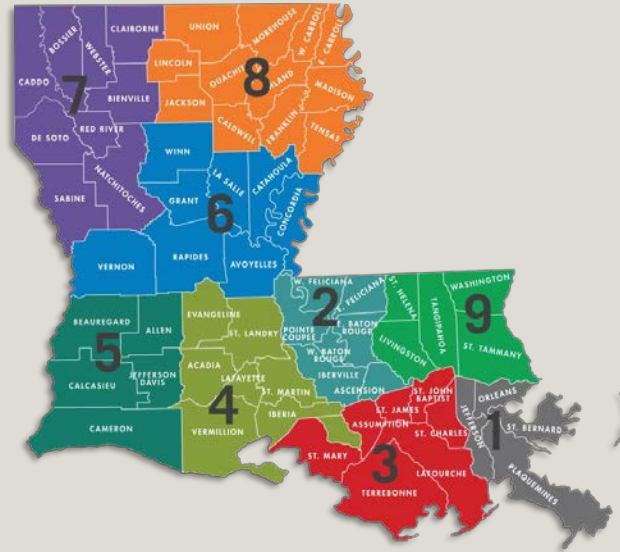
- By Legislation - Responsible for developing and maintaining a statewide system of care coordination for patients with traumatic injury or time-sensitive illness (such as heart attack and stroke)
- The Louisiana Emergency Response Network (LERN) was created by legislation in 2004

# LERN Board

- LERN Board is governor appointed - made up of 29 organizations that relate to all the components of a trauma and time sensitive illness system.
- It is a governing board that was created to plan, govern and direct the statewide system for trauma and time sensitive illness.

# Regional Engagement

- LERN is organized into 9 geographic regions
- Guided by Regional Commissions
- Commissions are an advisory body of key community, stakeholders
- Each Commission has a minimum of 12 members





# LERN Partnerships

## Partners in the Network include:

- 120 additional hospitals with EDs, 54 ambulance companies, 4 air medical
- 35 of these are Receiving centers and 85 are Referral Hospitals
- Pre-hospital providers, Nurses, MD's, Specialists, Mid-level providers
- Multiple other entities/stakeholders throughout the state
- LERN Staff and the LERN Communication Center staff
- Louisiana Citizens

# Components of any Organized System of Care

- Data – A Registry
- Pre-Hospital
- Acute Care
- Rehabilitation
- Injury/Illness Prevention
- Performance Improvement
- Education at all levels – Including Public Awareness

# **STEMI (Heart Attack)**

# What is a STEMI?

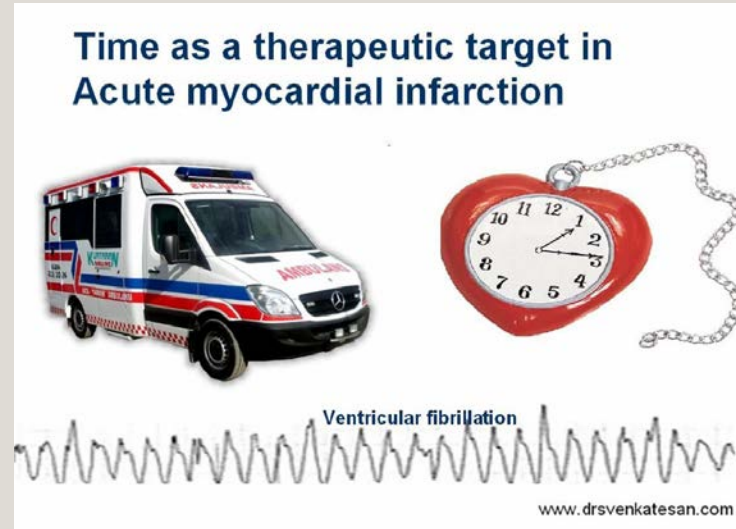
- STEMI- means ST segment Elevation Myocardial infarction
- This is the ***most severe*** of all heart attacks.
- In a STEMI, the artery in your heart is completely blocked off by the blood clot, and as a result virtually all the heart muscle being supplied by the affected artery starts to die
- It is the most ***time critical*** of heart attacks to resolve.



# The Goal

Goals of care: **timely** re-opening of artery

- Clot-busting medications (easier, faster, less effective) within 30 minutes
  - Primary PCI\* (more efficacious and safer but less available) within 90 minutes
- \*PCI = opening the artery using a balloon or stent





# Stroke Facts

- Stroke is a “brain attack”
- Stroke can happen to anyone, at any age, and at anytime
- Two million brain cells die every minute during a stroke
- Stroke is the 5<sup>th</sup> leading cause of death in the U.S. (3<sup>rd</sup> cause of death in women)
- Leading cause of adult disability

# B.E.F.A.S.T. *to stop stroke in its TRACKS*



## **BALANCE**

Is the person losing his/her coordination or balance? Is he/she having trouble walking?



## **EYES**

Is the person having trouble seeing out of one or both eyes?



## **FACE**

Ask the person to smile. Does one side of the face droop?



## **ARMS**

Ask the person to raise both arms. Does one arm drift down?



## **SPEECH**

Ask the person to repeat a sentence. Are the words slurred? Is he/she having trouble getting words out?



## **TIME**

If the person shows any of these symptoms, time is important. Call 911 and get to the hospital fast. Brain cells are dying.

# BE.....



## **BALANCE**

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# FAST



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## TIME

If the person shows any of these symptoms, time is important. Call 911 and get to the hospital fast. Brain cells are dying.



# How to do the FAST Exam

- **FACE:** Ask the person to smile. Does one side of the face droop?
- **ARMS:** Ask the person to raise both arms. Does one arm drift downward?
- **SPEECH:** Ask the person to repeat a simple phrase. Is their speech slurred or strange?
- **TIME: Minutes = Brain cells.** If you observe any of these signs – call **9-1-1 IMMEDIATELY!**
- **TIME 2:** Terrible Headache (thunderclap)



# Why Learn BEFAST?

- To save lives
- Easy to remember
- Easy to teach
- Prompts quick and efficient action



# Other Symptoms of Stroke (Sudden onset of any)

- Numbness or weakness of the face, arm or leg, especially on one side of the body
- Confusion, trouble speaking or understanding
- Severe headache with no known cause



# Act **FAST**

- If you find someone experiencing one or more of these symptoms, even for a short time, call 9-1-1
- Medical options exist that may reduce the effects of stroke
- Time from onset to definitive care makes a significant difference, as treatment must begin soon after the onset of symptoms
- Stroke strikes **FAST**. You should BEFAST too!

# Hands Only CPR and AED

The poster features the American Heart Association logo in the top left corner, with the text "American Heart Association" and "heart.org/handsonlycpr". A teal banner at the top reads "Learn Hands-Only CPR" and "2 STEPS TO SAVE A LIFE". Below this, a red banner says "CPR WEEK JUNE 1-7". The main title "HANDS-ONLY CPR" is in large, bold, red letters, followed by the subtitle "CPR can double or even triple a person's chance of survival." Two red circular icons illustrate the steps: "1. CALL 911" with a hand pointing to a phone and "2. PUSH HARD & FAST" with a hand pushing down. A teal vertical bar on the right contains the hashtag "#CPRSAVESLIVES". The bottom of the poster features a red and white ECG-style graphic.

Learn Hands-Only CPR

2 STEPS TO SAVE A LIFE

CPR WEEK JUNE 1-7

**HANDS-ONLY CPR**

CPR can double or even triple a person's chance of survival.

1. CALL 911

2. PUSH HARD & FAST

#CPRSAVESLIVES





**STOP**  
THE BLEED®

**SAVE A LIFE**

**STOP THE BLEED® Course**  
**American College of Surgeons**

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Version 2



THE  
**COMMITTEE**  
ON **TRAUMA**

STOPTHEBLEED.ORG

**ACS** / AMERICAN COLLEGE  
OF SURGEONS



QUALITY PROGRAMS  
of the AMERICAN COLLEGE  
OF SURGEONS

**The American  
College of Surgeons  
Committee on  
Trauma**



**The American  
College of  
Emergency  
Physicians**



**The National  
Association of  
Emergency Medical  
Technicians**



**The Committee  
on Tactical  
Combat  
Casualty Care**





Some of the **images** shown during this presentation may be disturbing to some people.



# Why Do I Need This Training?

The #1 cause of preventable  
death  
after injury is **bleeding.**

# Where Can I Use This Training?

