

*This is general information and not specific medical advice for you, your child, or loved one. Always consult your doctor or other healthcare provider if you have any questions or concerns. Call 911 or go to the nearest emergency department in case of an urgent concern or emergency.*

# Educational Activity Disclosure – PLACE HOLDER

## Course Title

Disclosures	Action
<b>Criteria for Successful Completion</b>	<ul style="list-style-type: none"> <li>• View entire recording</li> <li>• Completion of evaluation</li> </ul>
<b>Conflicts of Interest Statements for Planning Committee</b>	The planning committee members have no relevant financial relationship to declare.
<b>Conflicts of Interest Statements for Faculty/Presenters/ Authors</b>	The content experts/faculty/presenters/authors have no relevant financial relationship to declare.
<b>Commercial Support</b>	No commercial support is being received for this event.
<b>Sponsorship</b>	No sponsorship is being received for this event
<b>Non-endorsement of Products</b>	No products are being displayed at this event
<b>Continuing Education</b>	<p><b><i>This continuing nursing education activity was provided by Children's Healthcare of Atlanta.</i></b> Children's Healthcare of Atlanta is an approved provider of continuing nursing education by the <b>Alabama State Nurses Association</b>, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.</p> <p><b>Contact hours: 1.0</b>  <b>Activity ID: nnnn-nnnn-nn</b>  <b>Expiration Date: mm/dd/yy</b></p>

# Project S.A.V.E.

**Sudden Cardiac Arrest. Awareness. Vision for Prevention. Education**

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**All Staff Awareness Video Training**



**Children's™**  
Healthcare of Atlanta  
*Dedicated to All Better*

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*Placeholder – CNE Info*

# Project S.A.V.E.

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*All Staff Awareness Video Training*



# Audience

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This education video is intended for Adults who:



# Audience

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This education video is intended for Adults who:

- Supervise children in schools



# Audience

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This education video is intended for Adults who:

- Supervise children in schools
- Coach athletics





# Audience

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This education video is intended for Adults who:

- Supervise children in schools
- Coach athletics
- Have minor children or family members at risk for sudden cardiac arrest



# Session Objectives

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Here are the specific objectives for this education:



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Here are the specific objectives for this education:

- Explain how to recognize a sudden cardiac arrest



# Session Objectives

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Here are the specific objectives for this education:

- Explain how to recognize a sudden cardiac arrest
- Identify the need for the First Responder Team

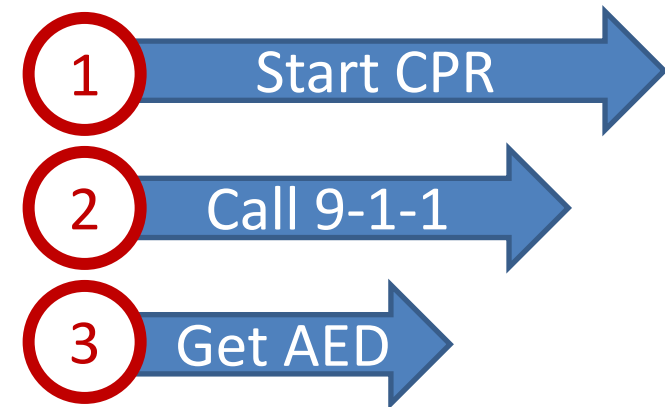


# Session Objectives

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Here are the specific objectives for this education:

- Explain how to recognize a sudden cardiac arrest
- Identify the need for the First Responder Team
- List the steps in an Emergency Action Plan



# This Could Happen At Your School Tomorrow

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# Sudden Cardiac Arrest

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# Sudden Cardiac Arrest

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- Students, Staff, Parents, Visitors, Anyone



# Sudden Cardiac Arrest

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- Students, Staff, Parents, Visitors, Anyone
- **400,000** Americans each year



# Sudden Cardiac Arrest

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- Students, Staff, Parents, Visitors, Anyone
- 400,000 Americans each year
- **1,000 - 2,000** children and adolescents



# Sudden Cardiac Arrest

---

- Students, Staff, Parents, Visitors, Anyone
- 400,000 Americans each year
- 1,000 - 2,000 children and adolescents
- **1,000** people/day



# Sudden Cardiac Arrest

---

- Students, Staff, Parents, Visitors, Anyone
- 400,000 Americans each year
- 1,000 - 2,000 children and adolescents
- 1,000 people/day
- **3 - 6** students/day



# Sudden Cardiac Arrest

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# Sudden Cardiac Arrest

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# Sudden Cardiac Arrest vs. Heart Attack

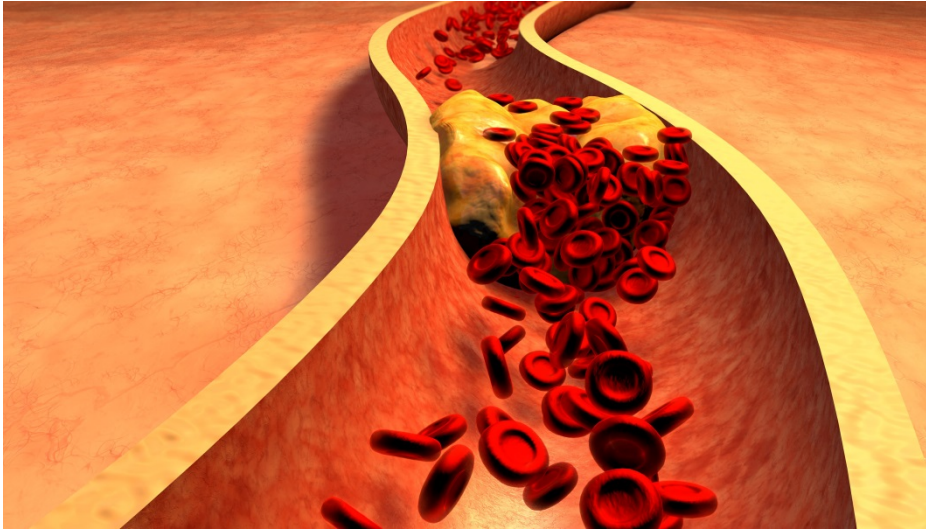




# Sudden Cardiac Arrest vs. Heart Attack

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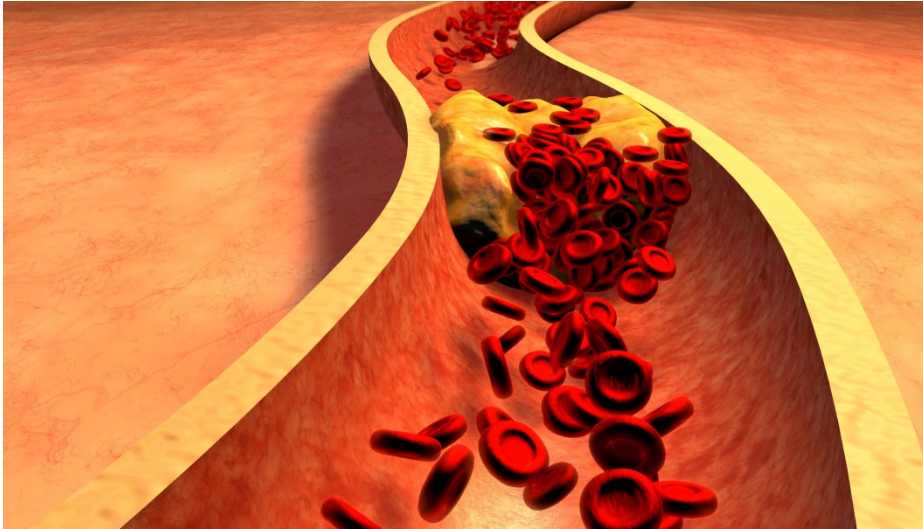
- Heart Attack:
  - Plumbing Problem



# Sudden Cardiac Arrest vs. Heart Attack

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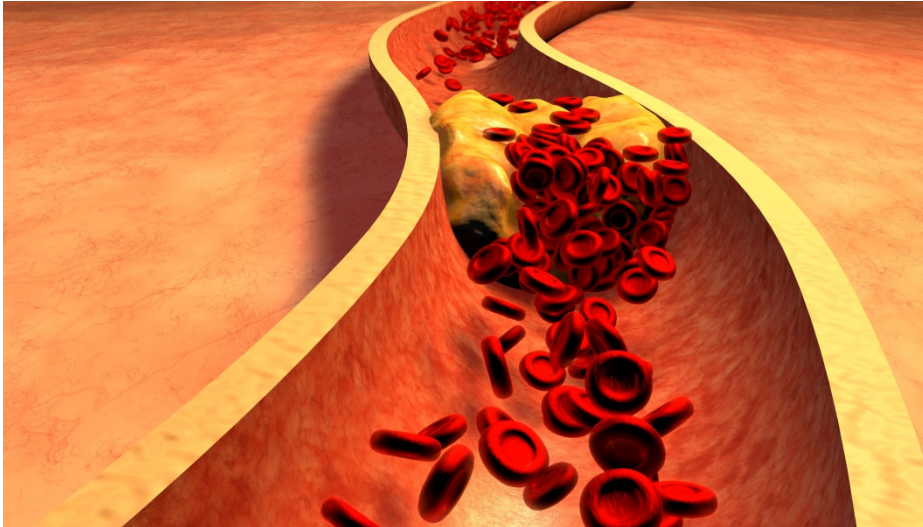
- Heart Attack:
  - Plumbing Problem
  - Clogged Artery



# Sudden Cardiac Arrest vs. Heart Attack

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- Heart Attack:
  - Plumbing Problem
  - Clogged Artery
  - Symptoms:



# Sudden Cardiac Arrest vs. Heart Attack

---



- Heart Attack:
  - Plumbing Problem
  - Clogged Artery
  - Symptoms:
    - Chest Pain



# Sudden Cardiac Arrest vs. Heart Attack

---



- Heart Attack:
  - Plumbing Problem
  - Clogged Artery
  - Symptoms:
    - Chest Pain
    - Back Pain (Especially in females)



# Sudden Cardiac Arrest vs. Heart Attack

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- Heart Attack:
  - Plumbing Problem
  - Clogged Artery
  - Symptoms:
    - Chest Pain
    - Back Pain (Especially in females)
    - Arm, Neck, Jaw Pain, Upset Stomach



# Sudden Cardiac Arrest vs. Heart Attack

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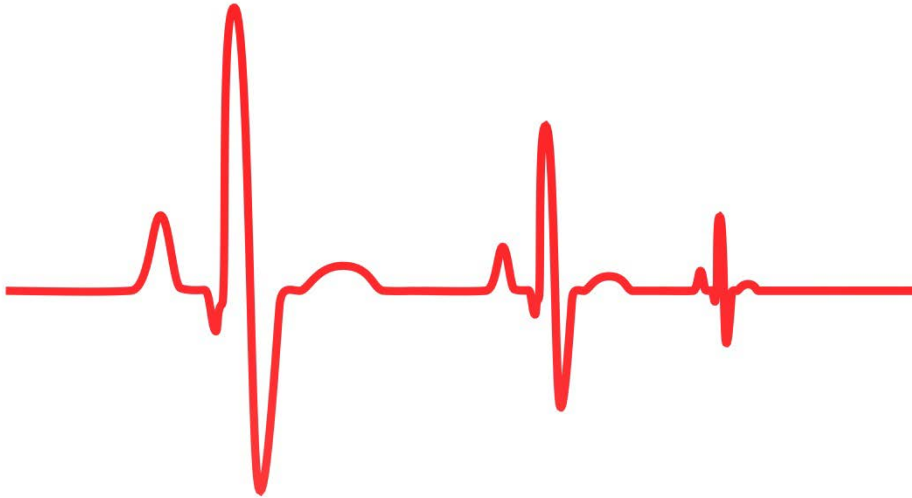
- Heart Attack:
  - Plumbing Problem
  - Clogged Artery
  - Symptoms:
    - Chest Pain
    - Back Pain (Especially in females)
    - Arm, Neck, Jaw Pain, Upset Stomach
  - Individual can typically speak and communicate how they feel



# Sudden Cardiac Arrest vs. Heart Attack

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- Sudden Cardiac Arrest (SCA)

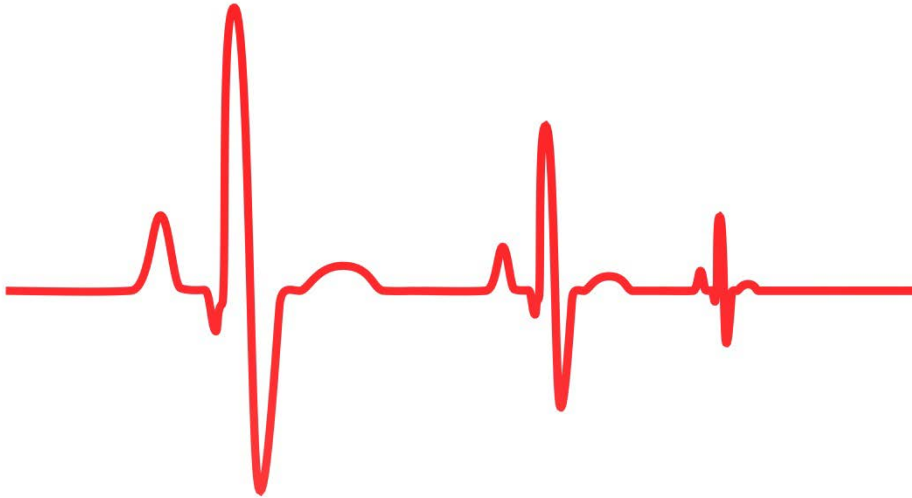




# Sudden Cardiac Arrest vs. Heart Attack

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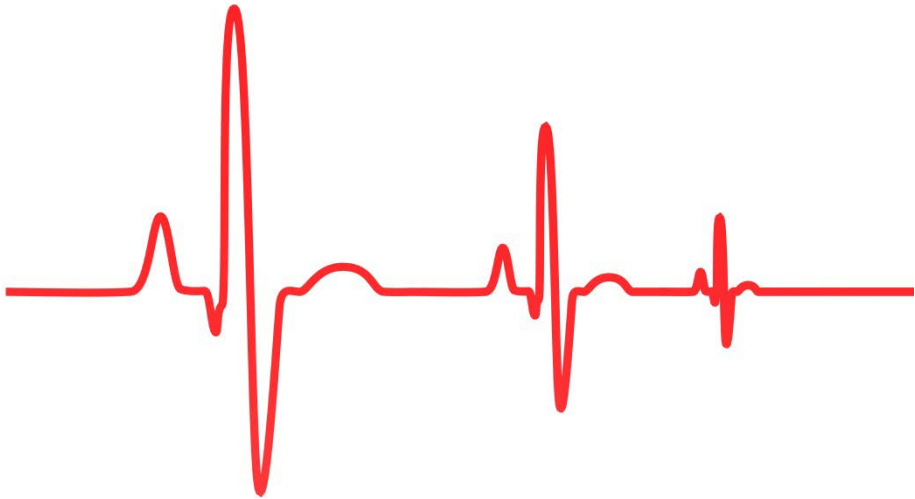
- Sudden Cardiac Arrest (SCA)
  - Electrical Problem



# Sudden Cardiac Arrest vs. Heart Attack

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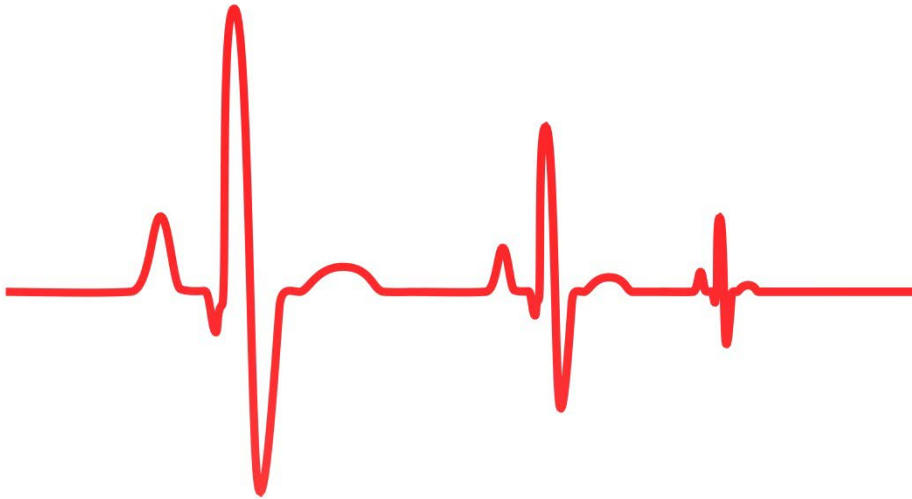
- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops



# Sudden Cardiac Arrest vs. Heart Attack

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- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops
  - Symptoms:



# Sudden Cardiac Arrest vs. Heart Attack

---

- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops
  - Symptoms:
    - Sudden drop



# Sudden Cardiac Arrest vs. Heart Attack

---

- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops
  - Symptoms:
    - Sudden drop
    - Potential complaints of head symptoms



# Sudden Cardiac Arrest vs. Heart Attack

---

- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops
  - Symptoms:
    - Sudden drop
    - Potential complaints of head symptoms
    - May or may not complain of heart symptoms



# Sudden Cardiac Arrest vs. Heart Attack

---

- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops
  - Symptoms:
    - Sudden drop
    - Potential complaints of head symptoms
    - May or may not complain of heart symptoms
    - Potential jerking movements or gasping respirations



# In the Event of a Sudden Cardiac Arrest

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●	
●	
●	





# In the Event of a Sudden Cardiac Arrest

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●	EMERGENCY ACTION PLAN
●	
●	

- Develop an Emergency Action Plan



# In the Event of a Sudden Cardiac Arrest

---

●	<b>EMERGENCY ACTION PLAN</b>
	1. First responders
●	
●	

- Develop an Emergency Action Plan
- Determine first responders



# In the Event of a Sudden Cardiac Arrest

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●	<b>EMERGENCY ACTION PLAN</b>
	1. First responders
●	2. Early recognition
●	

- Develop an Emergency Action Plan
- Determine first responders
- Learn the signs of early recognition



# In the Event of a Sudden Cardiac Arrest

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●	<b>EMERGENCY ACTION PLAN</b>
	1. First responders
●	2. Early recognition
	3. Communication
●	

- Develop an Emergency Action Plan
- Determine first responders
- Learn the signs of early recognition
- Develop a way to communicate



# In the Event of a Sudden Cardiac Arrest

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●	<b>EMERGENCY ACTION PLAN</b>
	1. First responders
●	2. Early recognition
	3. Communication
	4. AED at the ready
●	

- Develop an Emergency Action Plan
- Determine first responders
- Learn the signs of early recognition
- Develop a way to communicate
- Have an AED at the ready



# Remember!

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Blood flow to the brain has stopped.



# Remember!

---

Blood flow to the brain has stopped.

- Can we just wait for EMS?



# Remember!

---

Blood flow to the brain has stopped.

- Can we just wait for EMS? **NO**





# Remember!

---

Blood flow to the brain has stopped.

- Can we just wait for EMS? **NO**
- Do you have time to ask lots of questions?



# Remember!

---

Blood flow to the brain has stopped.

- Can we just wait for EMS? **NO**
- Do you have time to ask lots of questions? **NO**



# Remember!

---

Blood flow to the brain has stopped.

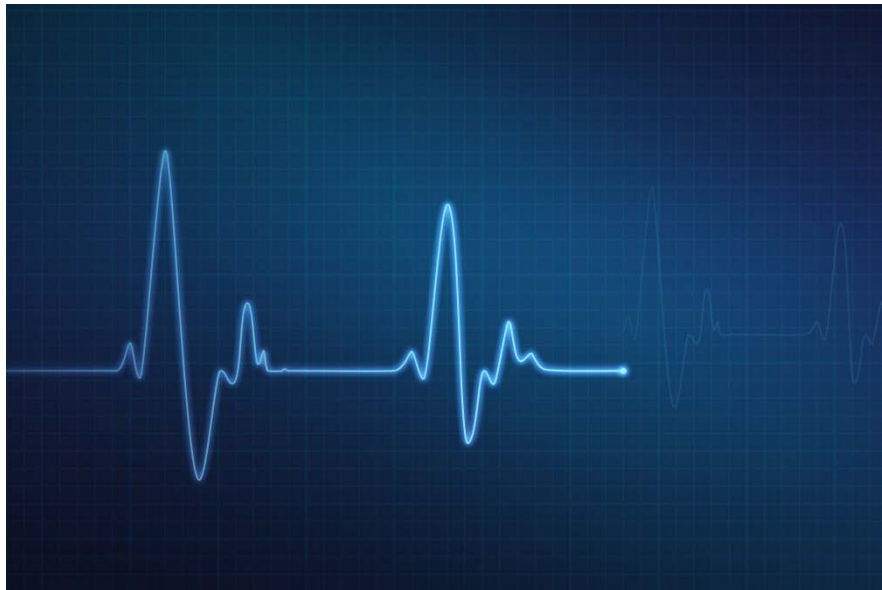
- Can we just wait for EMS? **NO**
- Do you have time to ask lots of questions? **NO**

*Every person in **your** school setting **who interacts with students** should **be prepared** in the event of a **sudden cardiac arrest**.*



# Is it Sudden Cardiac Arrest?

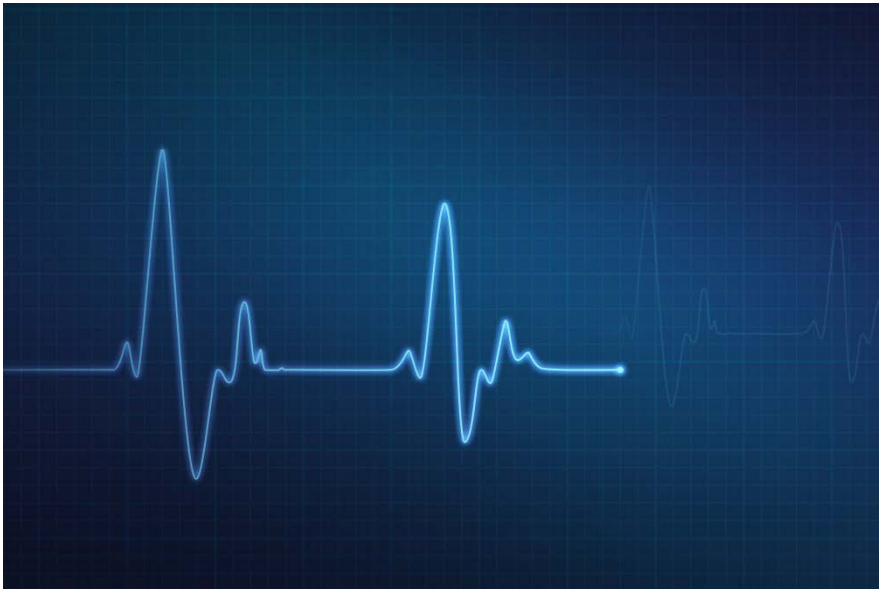
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# Is it Sudden Cardiac Arrest?

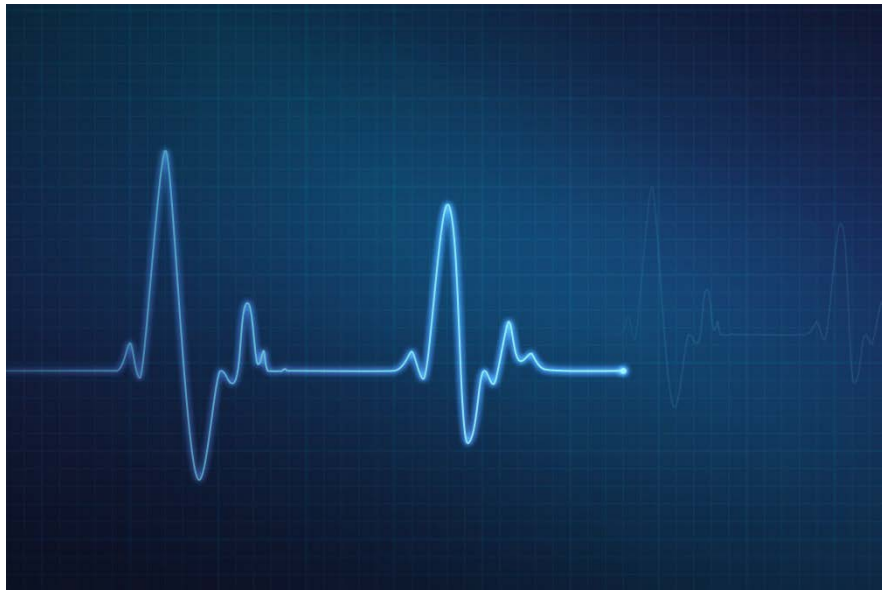
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- No way to know initially



# Is it Sudden Cardiac Arrest?

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- No way to know initially
- Should always be considered Sudden Cardiac Arrest until proven otherwise



# Is it Sudden Cardiac Arrest?

---



- No way to know initially
- Should always be considered Sudden Cardiac Arrest until proven otherwise
- AED will confirm Sudden Cardiac Arrest



# In the Event of a Sudden Cardiac Arrest

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# In the Event of a Sudden Cardiac Arrest

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1. Check for responsiveness



# In the Event of a Sudden Cardiac Arrest

---

1. Check for responsiveness
2. Check for breathing



# In the Event of a Sudden Cardiac Arrest

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1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions



# In the Event of a Sudden Cardiac Arrest

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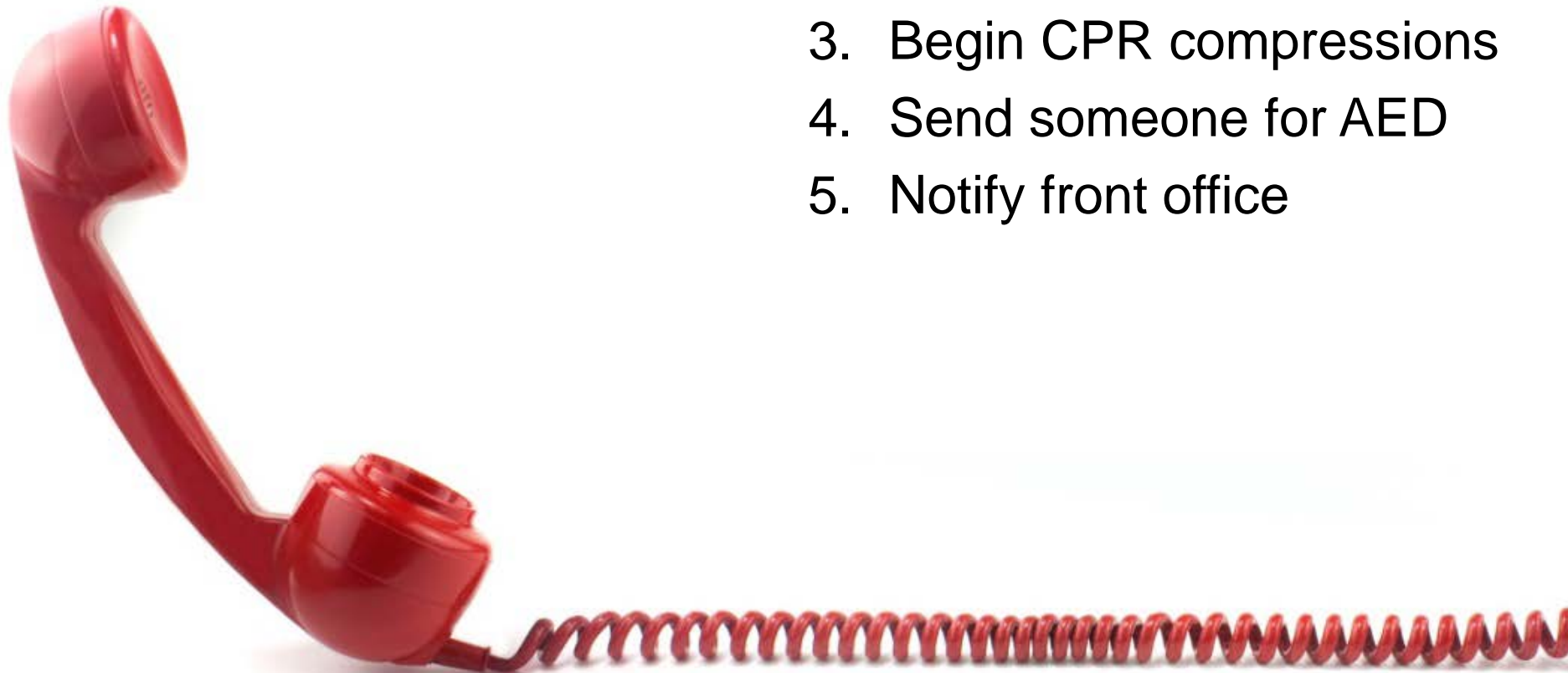
1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED



# In the Event of a Sudden Cardiac Arrest

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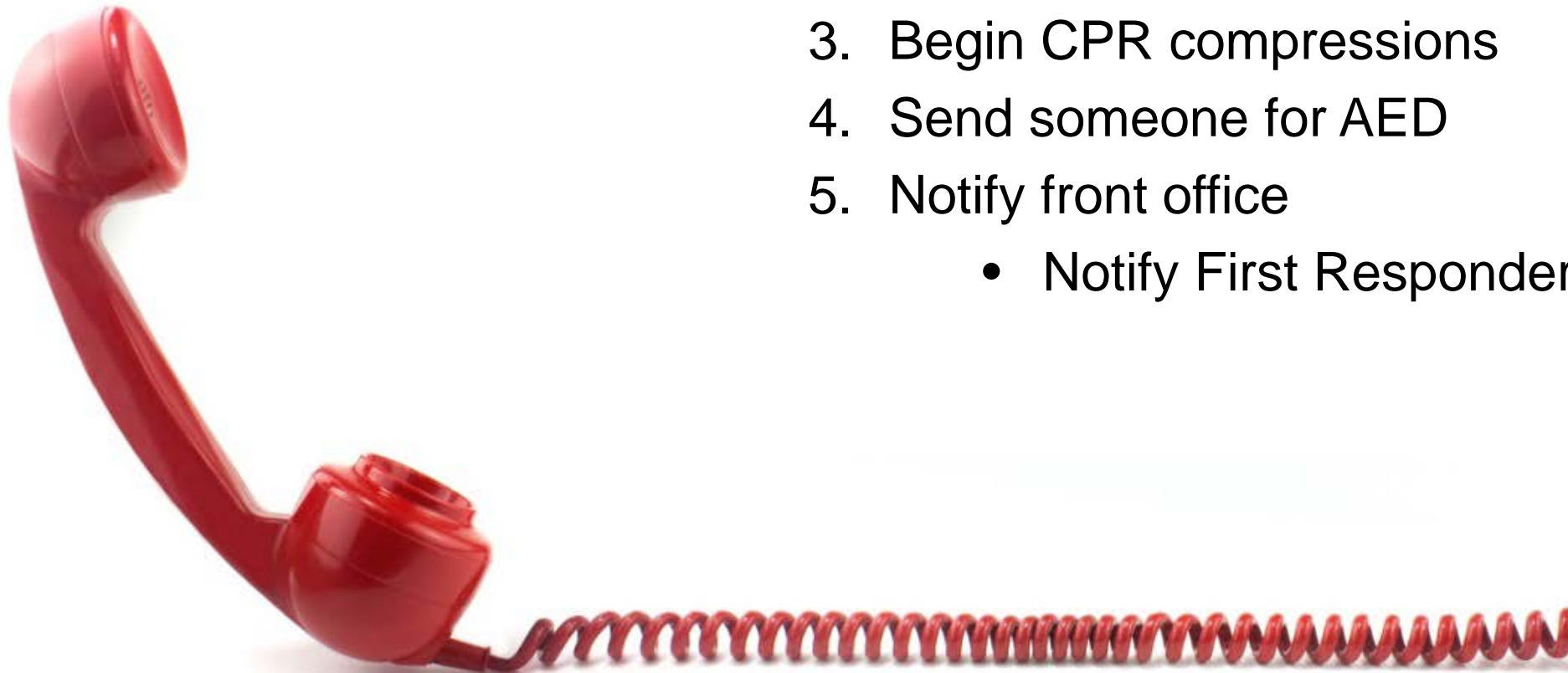
1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED
5. Notify front office



# In the Event of a Sudden Cardiac Arrest

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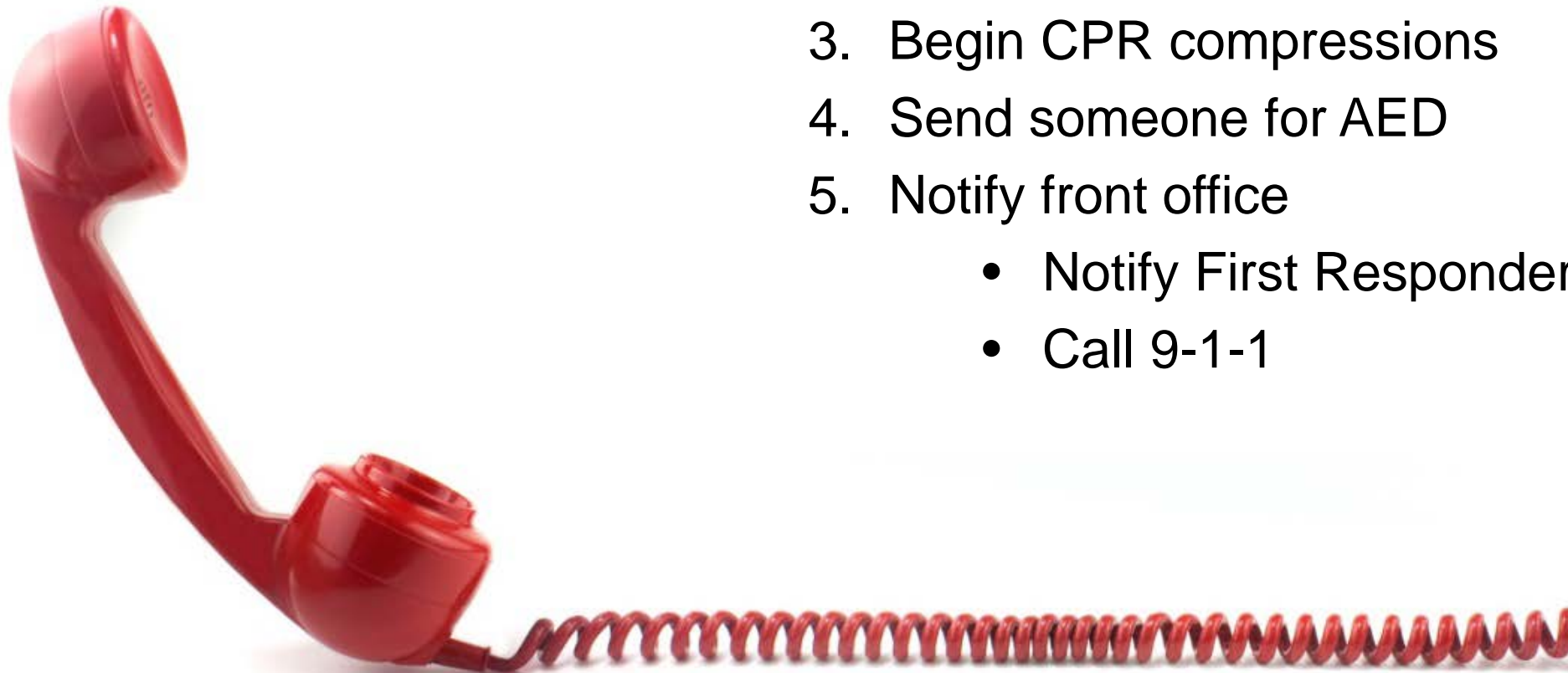
1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED
5. Notify front office
  - Notify First Responders



# In the Event of a Sudden Cardiac Arrest

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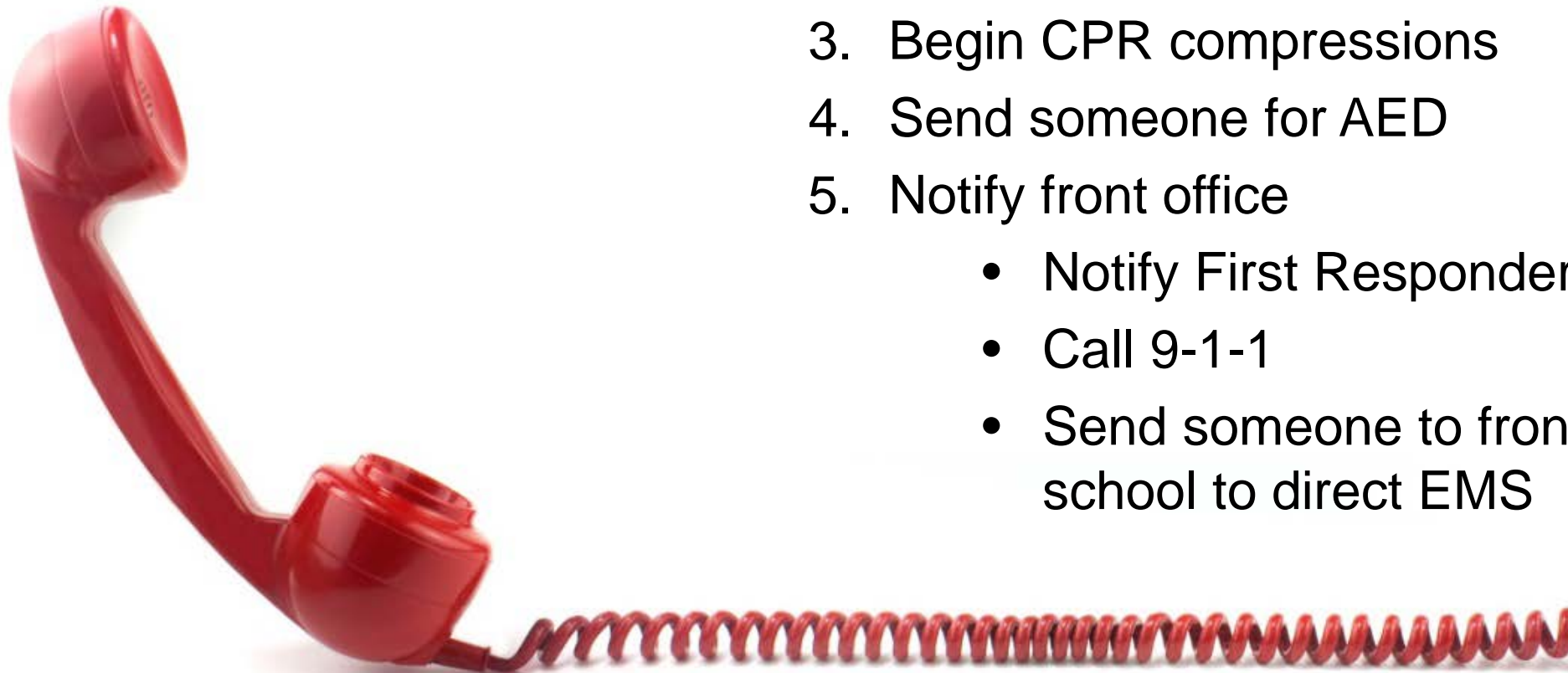
1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED
5. Notify front office
  - Notify First Responders
  - Call 9-1-1



# In the Event of a Sudden Cardiac Arrest

---

1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED
5. Notify front office
  - Notify First Responders
  - Call 9-1-1
  - Send someone to front of school to direct EMS





# In the Event of a Sudden Cardiac Arrest

---

1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED
5. Notify front office
6. Remove other students from scene, perform crowd control



# In the Event of a Sudden Cardiac Arrest

---



1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
4. Send someone for AED
5. Notify front office
6. Remove other students from scene, perform crowd control
7. Turn on AED and follow prompts



# Are you Prepared?

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## Are you Prepared?

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- Where is/are the AED(s) in the locations you frequent?



## Are you Prepared?

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- Where is/are the AED(s) in the locations you frequent?
- Who are the first responders, as designated by your Emergency Action Plan?



# Warning Signs in Children

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# Warning Signs in Children

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- Many children exhibit early warning signs



# Warning Signs in Children

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- Many children exhibit early warning signs
- Fainting during or immediately after exercise





# Warning Signs in Children

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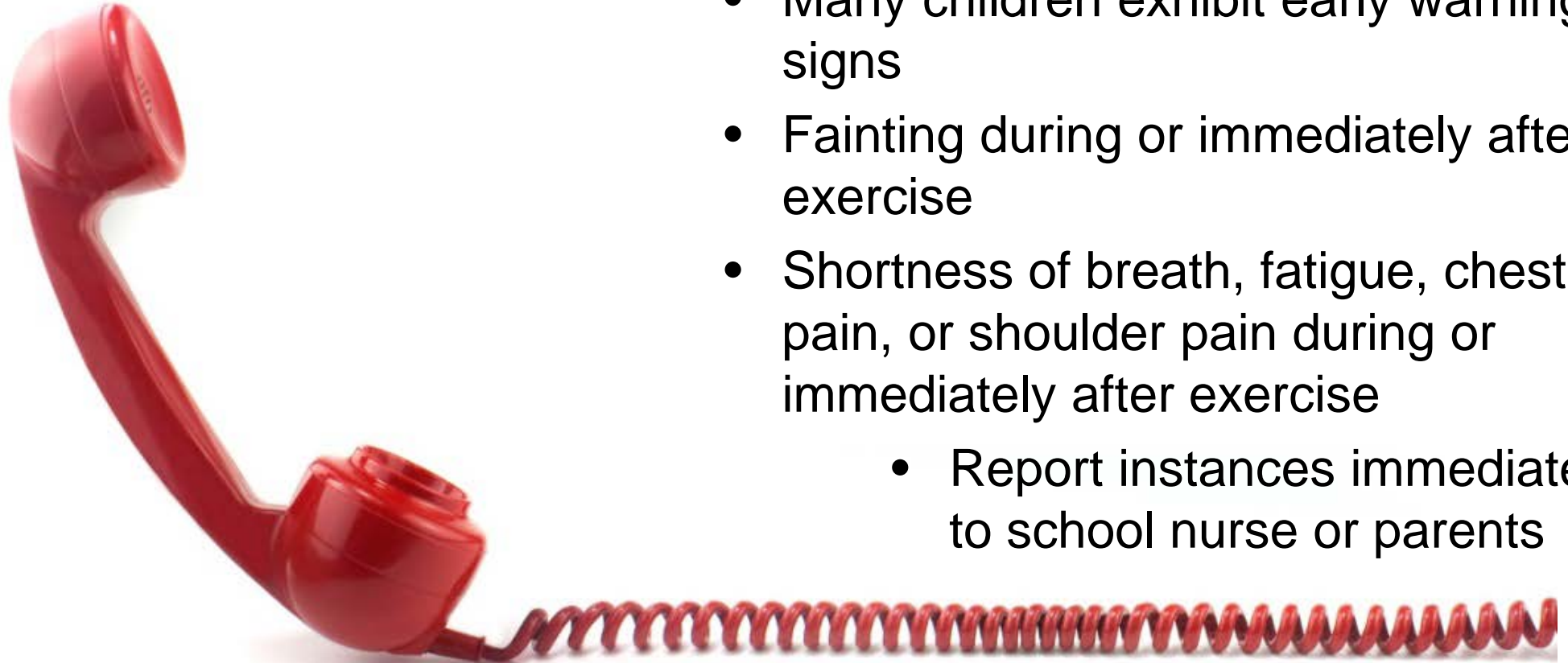


- Many children exhibit early warning signs
- Fainting during or immediately after exercise
- Shortness of breath, fatigue, chest pain, or shoulder pain during or immediately after exercise



# Warning Signs in Children

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- Many children exhibit early warning signs
- Fainting during or immediately after exercise
- Shortness of breath, fatigue, chest pain, or shoulder pain during or immediately after exercise
  - Report instances immediately to school nurse or parents



# Warning Signs in Children

---



- Many children exhibit early warning signs
- Fainting during or immediately after exercise
- Shortness of breath, fatigue, chest pain, or shoulder pain during or immediately after exercise
- Family history of cardiac conditions



# Warning Signs in Children

---



- Many children exhibit early warning signs
- Fainting during or immediately after exercise
- Shortness of breath, fatigue, chest pain, or shoulder pain during or immediately after exercise
- Family history of cardiac conditions
  - Most conditions that cause SCA are genetic



# Warning Signs in Children

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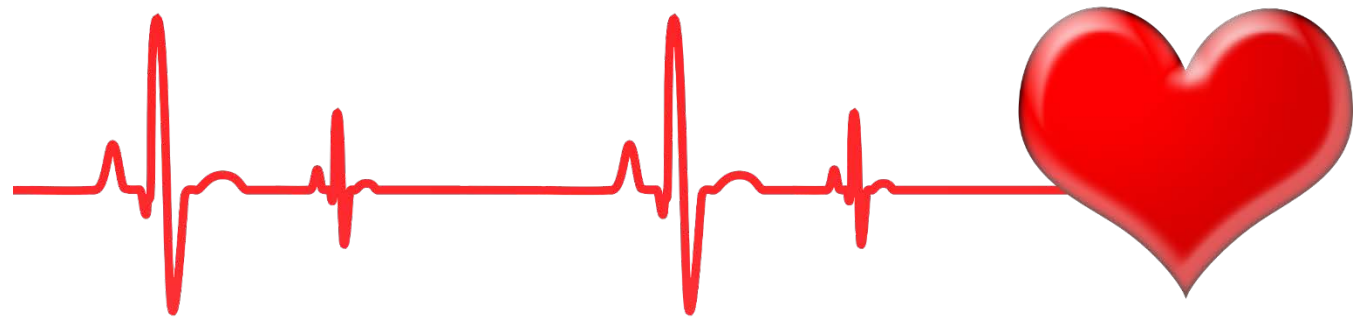


- Many children exhibit early warning signs
- Fainting during or immediately after exercise
- Shortness of breath, fatigue, chest pain, or shoulder pain during or immediately after exercise
- Family history of cardiac conditions
  - Most conditions that cause SCA are genetic
  - Note unexpected/unexplained deaths before age 50



# Response Readiness Works!

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# Response Readiness Works!

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## 86 lives saved

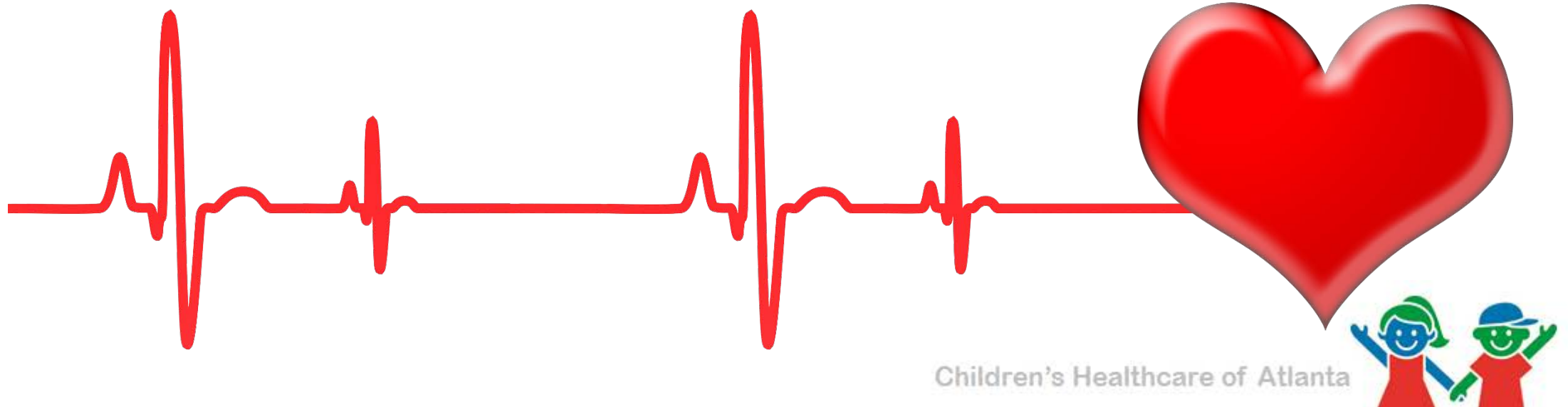


**Response Readiness Works!**

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**86 lives saved**

**40 students**





**Response Readiness Works!**

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**86 lives saved**

**40 students**

**46 adults**



# Key Takeaways

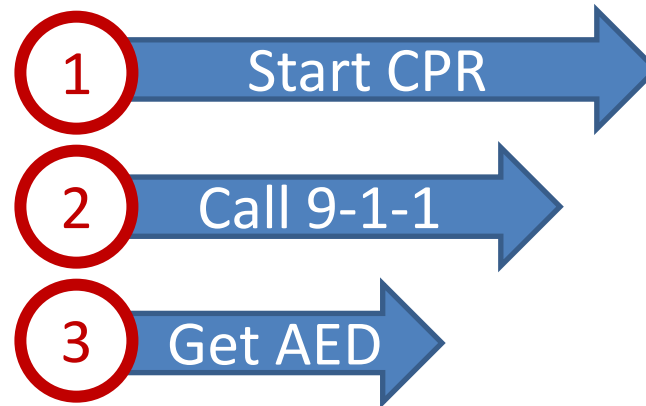
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# Key Takeaways

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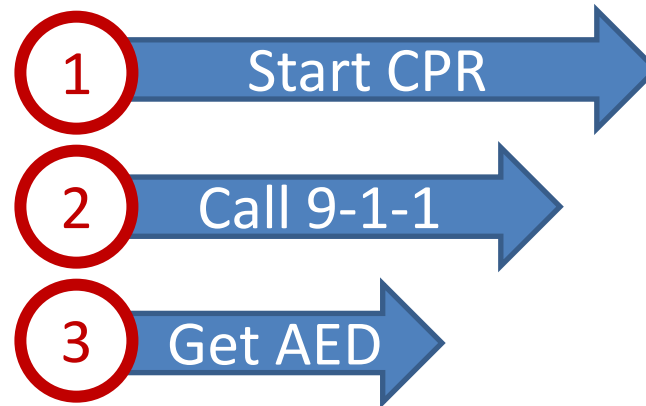
- Time is critical.



# Key Takeaways

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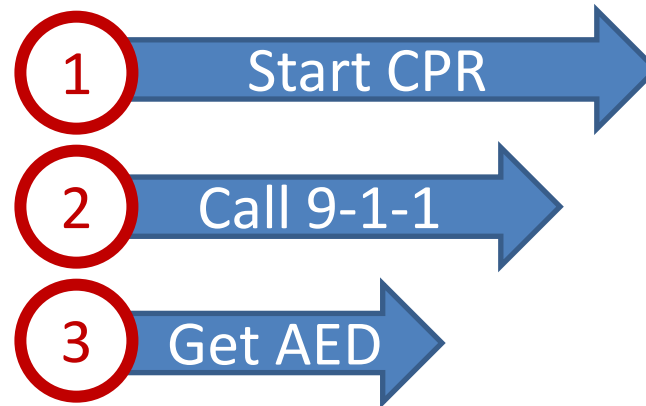
- Time is critical.
- All those working in a school setting should be familiar with SCA and the appropriate response.



# Key Takeaways

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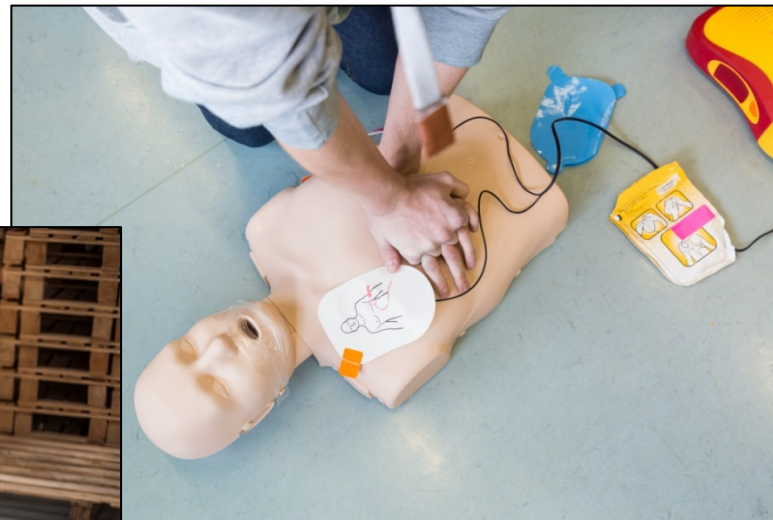
- Time is critical.
- All those working in a school setting should be familiar with SCA and the appropriate response.
- Always assume SCA until proven otherwise.



# Reflection

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Take a moment to reflect on the topics covered in this video and how you can use this knowledge when interacting with students.



# Project S.A.V.E.

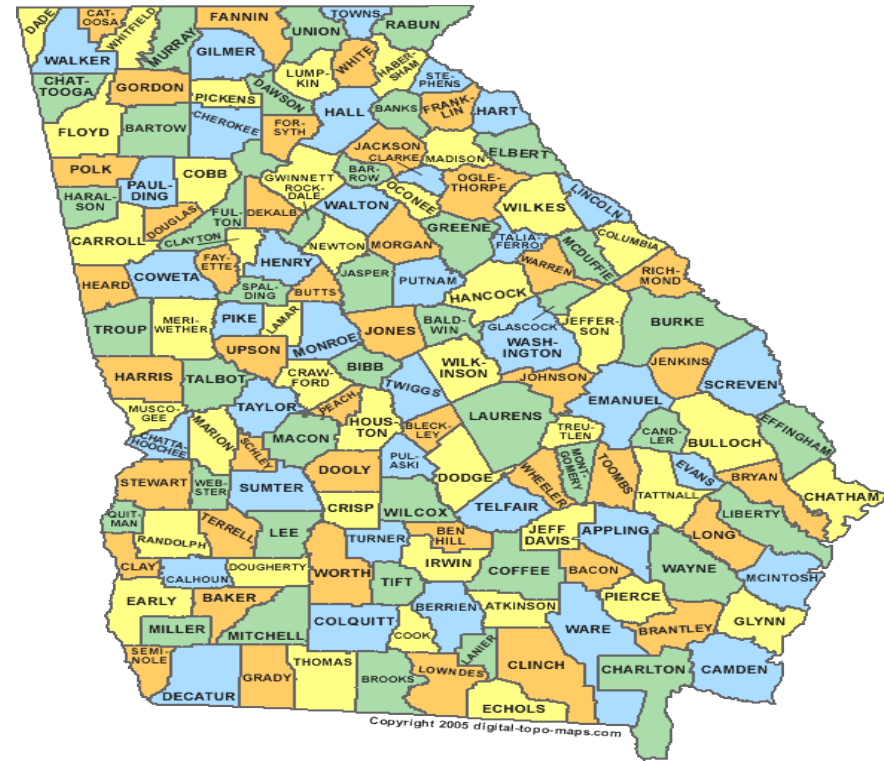
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**S** Sudden Cardiac Arrest

**A** Awareness

**V** Vision for Prevention

**E** Education



## Project S.A.V.E. Video Series

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[www.choa.org/projectsave](http://www.choa.org/projectsave)

Richard Lamphier, RN

Richard.lamphier@choa.org

404-785-7201



# Project S.A.V.E. Video Series

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The Children's Healthcare of Atlanta **Project**

**S** Sudden Cardiac Arrest

**A** Awareness

**V** Vision for Prevention

**E** Education

video series is designed to help **you** feel confident to help in an emergency and **SAVE lives.**



# Project S.A.V.E. Video Series

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## 1. Benchmark CPR/AED

- S** Sudden Cardiac Arrest
- A** Awareness
- V** Vision for Prevention
- E** Education



# Project S.A.V.E. Video Series

---

1. Benchmark CPR/AED
2. All Staff Awareness

- S** Sudden Cardiac Arrest
- A** Awareness
- V** Vision for Prevention
- E** Education



# Project S.A.V.E. Video Series

---

1. Benchmark CPR/AED
2. All Staff Awareness
3. Life Threatening Emergencies

- S** Sudden Cardiac Arrest
- A** Awareness
- V** Vision for Prevention
- E** Education



# Project S.A.V.E. Video Series

---

1. Benchmark CPR/AED
2. All Staff Awareness
3. Life Threatening Emergencies
4. Non-Life Threatening Emergencies

- S** Sudden Cardiac Arrest
- A** Awareness
- V** Vision for Prevention
- E** Education



# Project S.A.V.E. Video Series

---

1. Benchmark CPR/AED
2. All Staff Awareness
3. Life Threatening Emergencies
4. Non-Life Threatening Emergencies
5. Cardiac/Medical Emergency Practice Drill

**S** Sudden Cardiac Arrest

**A** Awareness

**V** Vision for Prevention

**E** Education



## Project S.A.V.E.

---

*All Staff Awareness Video Training*

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# Project S.A.V.E.

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