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.

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Activity ID: nnnn-nnnn-nn
Expiration Date: mm/dd/yy
Project S.A.V.E.
Sudden Cardiac Arrest. Awareness. Vision for Prevention. Education

All Staff Awareness Video Training
Project S.A.V.E.

All Staff Awareness Video Training
Audience

This education video is intended for Adults who:
Audience

This education video is intended for Adults who:

• Supervise children in schools
Audience

This education video is intended for Adults who:

- Supervise children in schools
- Coach athletics
Audience

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

Here are the specific objectives for this education:
Session Objectives

Here are the specific objectives for this education:

• Explain how to recognize a sudden cardiac arrest
Session Objectives

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

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

[start CPR]
[Call 9-1-1]
[Get AED]
This Could Happen At Your School Tomorrow
Sudden Cardiac Arrest
Sudden Cardiac Arrest

• Students, Staff, Parents, Visitors, Anyone
Sudden Cardiac Arrest

• Students, Staff, Parents, Visitors, Anyone

• 400,000 Americans each year
Sudden Cardiac Arrest

- 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

Georgia: 2016-2017 School Year

26
Sudden Cardiac Arrest

Georgia: 2016-2017 School Year

26

11 Students
15 Adults
Sudden Cardiac Arrest vs. Heart Attack
Sudden Cardiac Arrest vs. Heart Attack

- Heart Attack:
  - Plumbing Problem
Sudden Cardiac Arrest vs. Heart Attack

• Heart Attack:
  • Plumbing Problem
  • Clogged Artery
Sudden Cardiac Arrest vs. Heart Attack

- 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

- 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

- 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

- Sudden Cardiac Arrest (SCA)
Sudden Cardiac Arrest vs. Heart Attack

- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
Sudden Cardiac Arrest vs. Heart Attack

- Sudden Cardiac Arrest (SCA)
  - Electrical Problem
  - Blood Flow Stops
Sudden Cardiac Arrest vs. Heart Attack

- 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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- Develop an Emergency Action Plan
In the Event of a Sudden Cardiac Arrest

<table>
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<td>1. First responders</td>
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- Develop an Emergency Action Plan
- Determine first responders
In the Event of a Sudden Cardiac Arrest

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

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<td>2. Early recognition</td>
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## In the Event of a Sudden Cardiac Arrest

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

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<tr>
<td>3. Communication</td>
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EMERGENCY ACTION PLAN

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!

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?
Is it Sudden Cardiac Arrest?

- No way to know initially
Is it Sudden Cardiac Arrest?

• 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
In the Event of a Sudden Cardiac Arrest

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

1. Check for responsiveness
2. Check for breathing
3. Begin CPR compressions
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
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
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
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
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?
Are you Prepared?

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

• 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
Warning Signs in Children

• Many children exhibit early warning signs
Warning Signs in Children

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

- 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!
Response Readiness Works!

86 lives saved
Response Readiness Works!

86 lives saved

40 students
Response Readiness Works!

86 lives saved

40 students

46 adults
Key Takeaways
Key Takeaways

• Time is critical.

1. Start CPR
2. Call 9-1-1
3. Get AED
Key Takeaways

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

1. Start CPR
2. Call 9-1-1
3. Get AED
Key Takeaways

• 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.

1. Start CPR
2. Call 9-1-1
3. Get AED
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.

Sudden Cardiac Arrest

Awareness

Vision for Prevention

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

www.choa.org/projectsave

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Project S.A.V.E. Video Series

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

1. Benchmark CPR/AED

- Sudden Cardiac Arrest
- Awareness
- Vision for Prevention
- Education
Project S.A.V.E. Video Series

1. Benchmark CPR/AED

2. All Staff Awareness
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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