



W V S S A C

SUDDEN CARDIAC ARREST AWARENESS



What is Sudden Cardiac Arrest?

- Occurs suddenly and often without warning.
- An electrical malfunction (short-circuit) causes the bottom chambers of the heart (ventricles) to beat dangerously fast (ventricular tachycardia or fibrillation) and disrupts the pumping ability of the heart.
- The heart cannot pump blood to the brain, lungs and other organs of the body.
- The person loses consciousness (passes out) and has no pulse.
- Death occurs within minutes if not treated immediately.

What are the symptoms/warning signs of Sudden Cardiac Arrest?

- Fainting/blackouts (especially during exercise)
- Dizziness
- Unusual fatigue/weakness
- Chest pain
- Shortness of breath
- Nausea/vomiting
- Palpitations (heart is beating unusually fast or skipping beats)
- Family history of sudden cardiac arrest at age <50

ANY of these symptoms/warning signs may necessitate further evaluation from your physician before returning to practice or a game.

What causes Sudden Cardiac Arrest?

- Conditions present at birth (inherited and non-inherited heart abnormalities)
- A blow to the chest (Comotio Cordis)
- An infection/inflammation of the heart, usually caused by a virus. (Myocarditis)
- Recreational/Performance-Enhancing drug use.
- Other cardiac & medical conditions / Unknown causes. (Obesity/Idiopathic)

What are ways to screen for Sudden Cardiac Arrest?

- The American Heart Association recommends a pre-participation history and physical.
- Always answer the heart history questions on the student Health History section of the WVSSAC Physical Form completely..
- Additional screening may be necessary at the recommendation of a physician.

Where can one find additional information?

- Contact your primary care physician
- American Heart Association (www.heart.org)
- August Heart (www.augustheart.org)
- Championship Hearts Foundation (www.championshipheartsfoundation.org)
- Cypress ECG Project (www.cypressecgproject.org)
- Parent Heart Watch (www.parentheartwatch.com)