

SUDDEN CARDIAC ARREST

A Fact Sheet for Parents

FACTS Sudden cardiac arrest is a rare, but tragic event that claims the lives of approximately 500 athletes each year in the United States. Sudden cardiac arrest can affect all levels of athletes, in all sports, and in all age levels. The majority of cardiac arrests are due to congenital (inherited) heart defects. However, sudden cardiac arrest can also occur after a person experiences an illness which has caused an inflammation to the heart or after a direct blow to the chest.

WARNING SIGNS There may not be any noticeable symptoms before a person experiences loss of consciousness and a full cardiac arrest (no pulse and no breathing).

Warning signs can include a complaint of:

- Chest Discomfort
- Unusual Shortness of Breath
- Racing or Irregular Heartbeat
- Fainting or Passing Out

EMERGENCY SIGNS – Call EMS (911) If a person experiences any of the following signs, call EMS (911) immediately:

- *If an athlete collapses suddenly during competition*
- *If a blow to the chest from a ball, puck or another player precedes an athlete's complaints of any of the warning signs of sudden cardiac arrest*
- *If an athlete does not look or feel right and you are just not sure*

How can I help my child prevent a sudden cardiac arrest?

Daily physical activity, proper nutrition, and adequate sleep are all important aspects of life-long health. Additionally, parents can assist student athletes prevent a sudden cardiac arrest by:

- Ensuring your child knows about any family history of sudden cardiac arrest (onset of heart disease in a family member before the age of 50 or a sudden, unexplained death at an early age)
- Ensuring your child has a thorough pre-season screening exam prior to participation in an organized athletic activity
- Asking if your school and the site of competition has an automatic defibrillator (AED) that is close by and properly maintained
- Learning CPR yourself
- Ensuring your child is not using any non-prescribed stimulants or performance enhancing drugs
- Being aware that the inappropriate use of prescription medications or energy drinks can increase risk
- Encouraging your child to be honest and report symptoms of chest discomfort, unusual shortness of breath, racing or irregular heartbeat, or feeling faint

What should I do if I think my child has warning signs that may lead to sudden cardiac arrest?

1. *Tell your child's coach about any previous events or family history*
2. *Keep your child out of play*
3. *Seek medical attention right away*