Winfield School Afterschool Sports Permission Slip

Sport	
Student Name	
I hereby give my child permission to participa granting permission parents recognize the hazards take care of the students and will take appropria for accidents. All students must have a complete sport and a completed sports related concussion a	s of the sport and competition. The coach will te precautions but assumes no responsibility ed physical form prior to participating in the
The program will include practice times outside coach and games with other school districts. Find winfield School gym and on the grounds as well as be held at other school facilities and ground the Winfield School District to away games.	ractice and home games will be held in the as the Mutual Housing field. Away games will
Students will be dismissed from practice an activity to walk home and away games upon retu dismissed to a designated person, please note bel	rning to Winfield School. If your child is to be
Parent Signature	Date
My child may be dismissed at the conclusive returning to Winfield School) to walk home.	on of practice and games (away games upon
My child may not be dismissed to walk he they will be picked up by:	

Sports-Related Concussion and Head Injury Fact Sheet and Parent/Guardian Acknowledgement Form

A concussion is a brain injury that can be caused by a blow to the head or body that disrupts normal functioning of the brain. Concussions are a type of Traumatic Brain Injury (TBI), which can range from mild to severe and can disrupt the way the brain normally functions. Concussions can cause significant and sustained neuropsychological impairment affecting problem solving, planning, memory, attention, concentration, and behavior.

The Centers for Disease Control and Prevention estimates that 300,000 concussions are sustained during sports related activities nationwide, and more than 62,000 concussions are sustained each year in high school contact sports. Second-impact syndrome occurs when a person sustains a second concussion while still experiencing symptoms of a previous concussion. It can lead to severe impairment and even death of the victim.

Legislation (P.L. 2010, Chapter 94) signed on December 7, 2010, mandated measures to be taken in order to ensure the safety of K-12 student-athletes involved in interscholastic sports in New Jersey. It is imperative that athletes, coaches, and parent/guardians are educated about the nature and treatment of sports related concussions and other head injuries. The legislation states that:

- All Coaches, Athletic Trainers, School Nurses, and School/Team Physicians shall complete an Interscholastic Head Injury Safety Training Program by the 2011-2012 school year.
- All school districts, charter, and non-public schools that participate in interscholastic sports will distribute annually this educational fact to all student athletes and obtain a signed acknowledgement from each parent/guardian and student-athlete.
- Each school district, charter, and non-public school shall develop a written policy describing the
 prevention and treatment of sports-related concussion and other head injuries sustained by interscholastic
 student-athletes.
- Any student-athlete who participates in an interscholastic sports program and is suspected of sustaining a concussion will be immediately removed from competition or practice. The student-athlete will not be allowed to return to competition or practice until he/she has written clearance from a physician trained in concussion treatment and has completed his/her district's graduated return-to-play protocol.

Quick Facts

- Most concussions do not involve loss of consciousness
- You can sustain a concussion even if you do not hit your head
- A blow elsewhere on the body can transmit an "impulsive" force to the brain and cause a concussion

Signs of Concussions (Observed by Coach, Athletic Trainer, Parent/Guardian)

- Appears dazed or stunned
- · Forgets plays or demonstrates short term memory difficulties (e.g. unsure of game, opponent)
- · Exhibits difficulties with balance, coordination, concentration, and attention
- Answers questions slowly or inaccurately
- · Demonstrates behavior or personality changes
- Is unable to recall events prior to or after the hit or fall

Symptoms of Concussion (Reported by Student-Athlete)

- Headache
- Nausea/vomiting
- Balance problems or dizziness
- Double vision or changes in vision

- Sensitivity to light/sound
- Feeling of sluggishness or fogginess
- Difficulty with concentration, short term memory, and/or confusion

What Should a Student-Athlete do if they think they have a concussion?

- Don't hide it. Tell your Athletic Trainer, Coach, School Nurse, or Parent/Guardian.
- Report it. Don't return to competition or practice with symptoms of a concussion or head injury. The sooner you report it, the sooner you may return-to-play.
- Take time to recover. If you have a concussion your brain needs time to heal. While your brain is healing you are much more likely to sustain a second concussion. Repeat concussions can cause permanent brain injury.

What can happen if a student-athlete continues to play with a concussion or returns to play to soon?

- Continuing to play with the signs and symptoms of a concussion leaves the student-athlete vulnerable to second impact syndrome.
- Second impact syndrome is when a student-athlete sustains a second concussion while still having symptoms from a previous concussion or head injury.
- Second impact syndrome can lead to severe impairment and even death in extreme cases.

Should there be any temporary academic accommodations made for Student-Athletes who have suffered a concussion?

- To recover cognitive rest is just as important as physical rest. Reading, texting, testing-even watching movies can slow down a student-athletes recovery.
- Stay home from school with minimal mental and social stimulation until all symptoms have resolved.
- Students may need to take rest breaks, spend fewer hours at school, be given extra time to complete assignments, as well as being offered other instructional strategies and classroom accommodations.

Student-Athletes who have sustained a concussion should complete a graduated return-to-play before they may resume competition or practice, according to the following protocol:

- Step 1: Completion of a full day of normal cognitive activities (school day, studying for tests, watching
 practice, interacting with peers) without reemergence of any signs or symptoms. If no return of symptoms,
 next day advance.
- Step 2: Light Aerobic exercise, which includes walking, swimming, and stationary cycling, keeping the
 intensity below 70% maximum heart rate. No resistance training. The objective of this step is increased
 heart rate.
- Step 3: Sport-specific exercise including skating, and/or running: no head impact activities. The objective of this step is to add movement.
- Step 4: Non contact training drills (e.g. passing drills). Student-athlete may initiate resistance training.
- Step 5: Following medical clearance (consultation between school health care personnel and studentathlete's physician), participation in normal training activities. The objective of this step is to restore confidence and assess functional skills by coaching and medical staff.

•	Step 6: Return to play involving normal exertion or game activity.			
For	further information on Sports-Related Concus www.cdc.gov/concussion/sports/index.htm www.ncaa.org/health-safety	_	uries, please visit: www.nfhs.com www.atsnj.org	
	Signature of Student-Athlete	Print Student-Athle	ete's Name	Date
	Signature of Parent/Guardian	Print Parent/Guardi	an's Name	Date

■ PREPARTICIPATION PHYSICAL EVALUATION

HISTORY FORM

(Note: This form is to be filled out by the patient and parent prior to seeing the physician. The physician should keep a copy of this form in the chart.)

Date of Exam						
Name	Date of birth					
Sex Age Grade Sch	School Sport(s)					
Medicines and Allergies: Please list all of the prescription and over-the-counter medicines and supplements (herbal and nutritional) that you are currently taking						
Do you have any allergies? ☐ Yes ☐ No If yes, please ide ☐ Medicines ☐ Pollens	ntify spe	ecific al	lergy below.			
Explain "Yes" answers below. Circle questions you don't know the an		•	Li Tuudi Li Sunging maetta			
GENERAL QUESTIONS	Yes	No	MEDICAL QUESTIONS	Yes	No	
Has a doctor ever denied or restricted your participation in sports for	103	110	26. Do you cough, wheeze, or have difficulty breathing during or			
any reason?			after exercise? 27. Have you ever used an inhaler or taken asthma medicine?			
Do you have any ongoing medical conditions? If so, please identify below: Asthma □ Anemia □ Diabetes □ Infections			28. Is there anyone in your family who has asthma?			
Other:			29. Were you born without or are you missing a kidney, an eye, a testicle			
3. Have you ever spent the night in the hospital?			(males), your spleen, or any other organ?			
4. Have you ever had surgery?			30. Do you have groin pain or a painful bulge or hernia in the groin area?			
HEART HEALTH QUESTIONS ABOUT YOU	Yes	No	31. Have you had infectious mononucleosis (mono) within the last month?			
Have you ever passed out or nearly passed out DURING or AFTER exercise?			32. Do you have any rashes, pressure sores, or other skin problems?			
6. Have you ever had discomfort, pain, tightness, or pressure in your			33. Have you had a herpes or MRSA skin infection? 34. Have you ever had a head injury or concussion?			
chest during exercise? 7. Does your heart ever race or skip beats (irregular beats) during exercise?			35. Have you ever had a hit or blow to the head that caused confusion, prolonged headache, or memory problems?			
8. Has a doctor ever told you that you have any heart problems? If so,			36. Do you have a history of seizure disorder?			
check all that apply: ☐ High blood pressure ☐ A heart murmur			37. Do you have headaches with exercise?			
☐ High cholesterol ☐ A heart infection ☐ Kawasaki disease Other:			38. Have you ever had numbness, tingling, or weakness in your arms or legs after being hit or falling?			
Has a doctor ever ordered a test for your heart? (For example, ECG/EKG, echocardiogram)			39. Have you ever been unable to move your arms or legs after being hit or falling?			
10. Do you get lightheaded or feel more short of breath than expected			40. Have you ever become ill while exercising in the heat?			
during exercise?			41. Do you get frequent muscle cramps when exercising?			
Have you ever had an unexplained seizure? Do you get more tired or short of breath more quickly than your friends			42. Do you or someone in your family have sickle cell trait or disease? 43. Have you had any problems with your eyes or vision?			
during exercise?			44. Have you had any eye injuries?			
HEART HEALTH QUESTIONS ABOUT YOUR FAMILY	Yes	No	45. Do you wear glasses or contact lenses?			
13. Has any family member or relative died of heart problems or had an unexpected or unexplained sudden death before age 50 (including drowning, unexplained car accident, or sudden infant death syndrome)?			46. Do you wear protective eyewear, such as goggles or a face shield? 47. Do you worry about your weight?			
Toes anyone in your family have hypertrophic cardiomyopathy, Marfan syndrome, arrhythmogenic right ventricular cardiomyopathy, long QT			48. Are you trying to or has anyone recommended that you gain or lose weight?			
syndrome, short QT syndrome, Brugada syndrome, or catecholaminergic			49. Are you on a special diet or do you avoid certain types of foods?			
polymorphic ventricular tachycardia? 15. Does anyone in your family have a heart problem, pacemaker, or			50. Have you ever had an eating disorder?			
implanted defibrillator?			51. Do you have any concerns that you would like to discuss with a doctor?			
Has anyone in your family had unexplained fainting, unexplained seizures, or near drowning?			FEMALES ONLY 52. Have you ever had a menstrual period?			
BONE AND JOINT QUESTIONS	Yes	No	53. How old were you when you had your first menstrual period?			
17. Have you ever had an injury to a bone, muscle, ligament, or tendon that caused you to miss a practice or a game?	100		54. How many periods have you had in the last 12 months?			
18. Have you ever had any broken or fractured bones or dislocated joints?			Explain "yes" answers here			
Have you ever had an injury that required x-rays, MRI, CT scan, injections, therapy, a brace, a cast, or crutches?						
20. Have you ever had a stress fracture?						
Have you ever been told that you have or have you had an x-ray for neck instability or atlantoaxial instability? (Down syndrome or dwarfism)						
22. Do you regularly use a brace, orthotics, or other assistive device?						
23. Do you have a bone, muscle, or joint injury that bothers you?	-		l ————————————————————————————————————			
24. Do any of your joints become painful, swollen, feel warm, or look red?25. Do you have any history of juvenile arthritis or connective tissue disease?						
I hereby state that, to the best of my knowledge, my answers to			·			
Signature of athlete Signature of parent/guardian Date						
© 0010 American Anadama of Family Dhariaina American Anadama of Dadiata	: 4	.: 0-1	logo of Charta Madiaina Amarican Madiaal Casiatu for Charta Madiaina Amarican	0 11	-I!-	

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■ PREPARTICIPATION PHYSICAL EVALUATION

THE ATHLETE WITH SPECIAL NEEDS: SUPPLEMENTAL HISTORY FORM

Date of Ex	am					
Name				Date of bir	th	
	Ago	Grade	School			
Sex	Age	Grade	Scilooi	Sport(s)		
1. Type o	of disability					
2. Date o	of disability					
3. Classit	ification (if available)					
4. Cause	of disability (birth, d	lisease, accident/trauma, other)				
5. List th	ne sports you are inte	rested in playing				
					Yes	No
6. Do you	u regularly use a bra	ce, assistive device, or prosthet	ic?			
		ace or assistive device for sports				
		ressure sores, or any other skin	problems?			
		s? Do you use a hearing aid?				
	u have a visual impa					
		vices for bowel or bladder funct	ion?			
		scomfort when urinating?				
_	you had autonomic d					
			hermia) or cold-related (hypothermia) illne	SS?		
	u have muscle spasti		u madication?			
		ures that cannot be controlled b	y medication?			
Explain "ye	es" answers here					
Please indi	icate if you have ev	er had any of the following.				
					Yes	No
Atlantoaxia	al instability					
1						
X-ray evalu	uation for atlantoaxia	al instability				
	uation for atlantoaxia I joints (more than on					
	l joints (more than on					
Dislocated	l joints (more than on ding					
Dislocated Easy bleed	l joints (more than on ding					
Dislocated Easy bleed Enlarged s Hepatitis Osteopenia	d joints (more than on ding spleen a or osteoporosis					
Dislocated Easy bleed Enlarged s Hepatitis Osteopenia	d joints (more than on ding spleen a or osteoporosis controlling bowel					
Dislocated Easy bleed Enlarged s Hepatitis Osteopenia Difficulty c	d joints (more than or ding spleen a or osteoporosis controlling bowel controlling bladder	16)				
Dislocated Easy bleed Enlarged s Hepatitis Osteopenia Difficulty c Numbness	d joints (more than or ding spleen a or osteoporosis controlling bowel controlling bladder s or tingling in arms of	or hands				
Dislocated Easy bleed Enlarged s Hepatitis Osteopenia Difficulty c Numbness Numbness	d joints (more than or ding spleen a or osteoporosis controlling bowel controlling bladder s or tingling in arms of s or tingling in legs or	or hands				
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Dislocated Easy bleed Enlarged s Hepatitis Osteopenia Difficulty c Numbness Numbness Weakness Recent cha Recent cha Recent cha Retent cha Explain "ye	I joints (more than or ding spleen a or osteoporosis controlling bowel controlling bladder s or tingling in arms or sor tingling in legs or si in arms or hands in legs or feet ange in coordination ange in ability to wal da rgy	or hands r feet k	rs to the above questions are complete	and correct.		

PREPARTICIPATION PHYSICAL EVALUATION

PHYSICAL EXAMINATION FORM

Name Date of birth **PHYSICIAN REMINDERS** 1. Consider additional questions on more sensitive issues Do you feel stressed out or under a lot of pressure? Do you ever feel sad, hopeless, depressed, or anxious? • Do you feel safe at your home or residence? • Have you ever tried cigarettes, chewing tobacco, snuff, or dip? • During the past 30 days, did you use chewing tobacco, snuff, or dip? Do you drink alcohol or use any other drugs? • Have you ever taken anabolic steroids or used any other performance supplement? • Have you ever taken any supplements to help you gain or lose weight or improve your performance? • Do you wear a seat belt, use a helmet, and use condoms? 2. Consider reviewing questions on cardiovascular symptoms (questions 5-14). **EXAMINATION** Height Weight □ Male □ Female BP Pulse Vision R 20/ L 20/ Corrected □ Y □ N MEDICAL NORMAL ABNORMAL FINDINGS · Marfan stigmata (kyphoscoliosis, high-arched palate, pectus excavatum, arachnodactyly, arm span > height, hyperlaxity, myopia, MVP, aortic insufficiency) Eyes/ears/nose/throat · Pupils equal • Hearing Lymph nodes Heart a • Murmurs (auscultation standing, supine, +/- Valsalva) Location of point of maximal impulse (PMI) Pulses · Simultaneous femoral and radial pulses Lungs Abdomen Genitourinary (males only)b . HSV, lesions suggestive of MRSA, tinea corporis Neurologic ^c MUSCULOSKELETAL Neck Back Shoulder/arm Elbow/forearm Wrist/hand/fingers Hip/thigh Knee Leg/ankle Foot/toes **Functional** Duck-walk, single leg hop ^aConsider ECG, echocardiogram, and referral to cardiology for abnormal cardiac history or exam. ^bConsider GU exam if in private setting. Having third party present is recommended.
^cConsider cognitive evaluation or baseline neuropsychiatric testing if a history of significant concussion. ☐ Cleared for all sports without restriction ☐ Cleared for all sports without restriction with recommendations for further evaluation or treatment for _ □ Not cleared □ Pending further evaluation □ For any sports □ For certain sports _ Recommendations I have examined the above-named student and completed the preparticipation physical evaluation. The athlete does not present apparent clinical contraindications to practice and participate in the sport(s) as outlined above. A copy of the physical exam is on record in my office and can be made available to the school at the request of the parents. If conditions arise after the athlete has been cleared for participation, a physician may rescind the clearance until the problem is resolved and the potential consequences are completely explained to the athlete (and parents/quardians). Name of physician, advanced practice nurse (APN), physician assistant (PA) (print/type)___ Address Phone _

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Signature of physician, APN, PA _

■ PREPARTICIPATION PHYSICAL EVALUATION

CLEARANCE FORM

Name	Sex □ M	☐ F Age	Date of birth
☐ Cleared for all sports without restriction			
$\hfill\Box$ Cleared for all sports without restriction with recommendations for further	er evaluation or trea	tment for	
□ Not cleared			
☐ Pending further evaluation			
☐ For any sports			
☐ For certain sports			
Reason			
Recommendations			
EMERGENCY INFORMATION			
Allergies			
Other information			
I have examined the above-named student and completed the clinical contraindications to practice and participate in the spo and can be made available to the school at the request of the p the physician may rescind the clearance until the problem is re (and parents/guardians).	rt(s) as outlined parents. If conditi	above. A copy of toons arise after the	he physical exam is on record in my office athlete has been cleared for participation,
Name of physician, advanced practice nurse (APN), physician assistant	t (PA)		Date
Address			
Signature of physician, APN, PA			
Completed Cardiac Assessment Professional Development Module			
Date Signature			

Website Resources

- Sudden Death in Athletes http://tinyurl.com/m2gjmvg
- Hypertrophic Cardiomyopathy Association www.4hcm.org
- American Heart Association www.heart.org

Collaborating Agencies:

American Academy of Pediatrics New Jersey Chapter

3836 Quakerbridge Road, Suite 108 Hamilton, NJ 08619 (p) 609-842-0014 (f) 609-842-0015



www.aapnj.org

American Heart Association

1 Union Street, Suite 301 Robbinsville, NJ, 08691 (p) 609-208-0020 www.heart.org



New Jersey Department of Education

PO Box 500 Trenton, NJ 08625-0500 (p) 609-292-5935 www.state.nj.us/education/



New Jersey Department of Health

P.O. Box 360 Trenton, NJ 08625-0360 (p) 609-292-7837



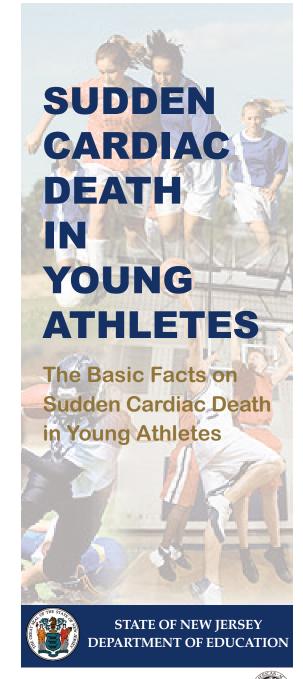
www.state.nj.us/health

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Additional Reviewers: NJ Department of Education, NJ Department of Health and Senior Services. American Heart Association/New Jersey Chapter, NJ Academy of Family Practice, Pediatric Cardiologists, **New Jersey State School Nurses**

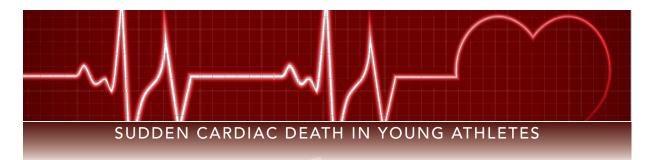
Revised 2014: Nancy Curry, EdM; Christene DeWitt-Parker, MSN, CSN, RN: Lakota Kruse, MD, MPH; Susan Martz, EdM; Stephen G. Rice, MD; Jeffrey Rosenberg, MD, Louis Teichholz, MD; Perry Weinstock, MD



American Academy of Pediatrics DEDICATED TO THE HEALTH OF ALL CHILDREN™



Learn and Live



udden death in young athletes between the ages of 10 and 19 is very rare. What, if anything, can be done to prevent this kind of tragedy?

What is sudden cardiac death in the young athlete?

Sudden cardiac death is the result of an unexpected failure of proper heart function, usually (about 60% of the time) during or immediately after exercise without trauma. Since the heart stops pumping adequately, the athlete quickly collapses, loses consciousness, and ultimately dies unless normal heart rhythm is restored using an automated external defibrillator (AED).

How common is sudden death in young athletes?

Sudden cardiac death in young athletes is very rare. About 100 such deaths are reported in the United States per year. The chance of sudden death occurring to any individual high school athlete is about one in 200,000 per year.

Sudden cardiac death is more common: in males than in females; in football and basketball than in other sports; and in African-Americans than in other races and ethnic groups.

What are the most common causes?

Research suggests that the main cause is a loss of proper heart rhythm, causing the heart to guiver instead of pumping blood to the brain and body. This is called ventricular fibrillation (ven-TRICK-you-lar fibroo-LAY-shun). The problem is usually caused by one of several cardiovascular abnormalities and electrical diseases of the heart that go unnoticed in healthy-appearing athletes.

The most common cause of sudden death in an athlete is hypertrophic cardiomyopathy (hi-per-TRO-fic CAR- dee-oh-my-OP-a-thee) also called HCM. HCM is a disease of the heart, with abnormal thickening of the heart muscle, which can cause serious heart rhythm problems and blockages to blood flow. This genetic disease runs in families and usually develops gradually over many years.

The second most likely cause is congenital (con-JEN-it-al) (i.e., present from birth) abnormalities of the coronary

> arteries. This means that these blood vessels are connected to the main blood vessel of the heart in an abnormal way. This differs from blockages that may occur when people get older (commonly called "coronary artery disease," which may lead to a heart attack).

SUDDEN CARDIAC DEATH IN YOUNG ATHLETES

Other diseases of the heart that can lead to sudden death in young people include:

- Myocarditis (my-oh-car-DIE-tis), an acute inflammation of the heart muscle (usually due to a virus).
- Dilated cardiomyopathy, an enlargement of the heart for unknown reasons.
- Long QT syndrome and other electrical abnormalities of the heart which cause abnormal fast heart rhythms that can also run in families.
- Marfan syndrome, an inherited disorder that affects heart valves, walls of major arteries, eyes and the skeleton. It is generally seen in unusually tall athletes, especially if being tall is not common in other family members.

Are there warning signs to watch for?

In more than a third of these sudden cardiac deaths, there were warning signs that were not reported or taken seriously. Warning signs are:

- Fainting, a seizure or convulsions during physical activity;
- Fainting or a seizure from emotional excitement, emotional distress or being startled;
- Dizziness or lightheadedness, especially during exertion;
- Chest pains, at rest or during exertion;
- Palpitations awareness of the heart beating unusually (skipping, irregular or extra beats) during athletics or during cool down periods after athletic participation;
- Fatigue or tiring more quickly than peers; or
- Being unable to keep up with friends due to shortness of breath (labored breathing).

What are the current recommendations for screening young athletes?

New Jersey requires all school athletes to be examined by their primary care physician ("medical home") or school physician at least once per year. The New Jersey Department of Education requires use of the specific Preparticipation Physical Examination Form (PPE).

This process begins with the parents and student-athletes answering questions about symptoms during exercise (such as chest pain, dizziness, fainting, palpitations or shortness of breath); and questions about family health history.

The primary healthcare provider needs to know if any family member died suddenly during physical activity or during a seizure. They also need to know if anyone in the family under the age of 50 had an unexplained sudden death such as drowning or car accidents. This information must be provided annually for each exam because it is so essential to identify those at risk for sudden cardiac death.

The required physical exam includes measurement of blood pressure and a careful listening examination of the heart, especially for murmurs and rhythm abnormalities. If there are no warning signs reported on the health history and no abnormalities discovered on exam, no further evaluation or testing is recommended.

Are there options privately available to screen for cardiac conditions?

Technology-based screening programs including a 12-lead electrocardiogram (ECG) and echocardiogram (ECHO) are noninvasive and painless options parents may consider in addition to the required

PPE. However, these procedures may be expensive and are not currently advised by the American Academy of Pediatrics and the American College of Cardiology unless the PPE reveals an indication for these tests. In addition to the expense, other limitations of technology-based tests include the possibility of "false positives" which leads to unnecessary stress for the student and parent or guardian as well as unnecessary restriction from athletic participation.

The United States Department of Health and Human Services offers risk assessment options under the Surgeon General's Family History Initiative available at http://www.hhs.gov/familyhistory/index.html.

When should a student athlete see a heart specialist?

If the primary healthcare provider or school physician has concerns, a referral to a child heart specialist, a pediatric cardiologist, is recommended. This specialist will perform a more thorough evaluation, including an electrocardiogram (ECG), which is a graph of the electrical activity of the heart. An echocardiogram, which is an ultrasound test to allow for direct visualization of the heart structure, will likely also be done. The specialist may also order a treadmill exercise test and a monitor to enable a longer recording of the heart rhythm. None of the testing is invasive or uncomfortable.

Can sudden cardiac death be prevented just through proper screening?

A proper evaluation should find most, but not all, conditions that would cause sudden death in the athlete. This is because some diseases are difficult to uncover and may only develop later in life. Others can develop following a normal screening evaluation, such as an infection of the heart muscle from a virus.

This is why screening evaluations and a review of the family health history need to be performed on a yearly basis by the athlete's primary healthcare provider. With proper screening and evaluation, most cases can be identified and prevented.

Why have an AED on site during sporting events?

The only effective treatment for ventricular fibrillation is immediate use of an automated external defibrillator (AED). An AED can restore the heart back into a normal rhythm. An AED is also life-saving for ventricular fibrillation caused by a blow to the chest over the heart (commotio cordis).

N.J.S.A. 18A:40-41a through c, known as "Janet's Law," requires that at any school-sponsored athletic event or team practice in New Jersey public and nonpublic schools including any of grades K through 12, the following must be available:

- An AED in an unlocked location on school property within a reasonable proximity to the athletic field or gymnasium; and
- A team coach, licensed athletic trainer, or other designated staff member if there is no coach or licensed athletic trainer present, certified in cardiopulmonary resuscitation (CPR) and the use of the AED; or
- A State-certified emergency services provider or other certified first responder.

The American Academy of Pediatrics recommends the AED should be placed in central location that is accessible and ideally no more than a 1 to 1½ minute walk from any location and that a call is made to activate 911 emergency system while the AED is being retrieved.

State of New Jersey DEPARTMENT OF EDUCATION

$\frac{\textbf{Sudden Cardiac Death Pamphlet}}{\textbf{Sign-Off Sheet}}$

Name of School District:
Name of Local School:
I/We acknowledge that we received and reviewed the Sudden Cardiac Death in Young Athletes pamphlet.
Student Signature:
Parent or Guardian
Signature:
Date:

SPORTS-RELATED EYE INJURIES:

AN EDUCATIONAL FACT SHEET FOR PARENTS





Participating in sports and recreational activities is an important part of a healthy, physically active lifestyle for children. Unfortunately, injuries can, and do, occur. Children are at particular risk for sustaining a sports-related eye injury and most of these injuries can be prevented. Every year, more than 30,000 children sustain serious sports-related eye injuries. Every 13 minutes, an emergency room in the United States treats a sports-related eye injury. According to the National Eye Institute, the sports with the highest rate of eye injuries are: baseball/softball, ice hockey, racquet sports, and basketball, followed by fencing, lacrosse, paintball and boxing.

Thankfully, there are steps that parents can take to ensure their children's safety on the field, the court, or wherever they play or participate in sports and recreational activities.

Prevention of Sports-Related Eye Injuries

Approximately 90% of sports-related eye injuries can be prevented with simple precautions, such as using protective eyewear.² Each sport has a certain type of recommended protective eyewear, as determined by the American Society for Testing and Materials (ASTM). Protective eyewear should sit comfortably on the face. Poorly fitted equipment may be uncomfortable, and may not offer the best eye protection. Protective eyewear for sports includes, among other things, safety goggles and eye guards, and it should be made of polycarbonate lenses, a strong, shatterproof plastic. Polycarbonate lenses are much stronger than regular lenses.³

Health care providers (HCP), including family physicians, ophthalmologists, optometrists, and others, play a critical role in advising students, parents and guardians about the proper use of protective eyewear. To find out what kind of eye protection is recommended, and permitted for your child's sport, visit the National Eye Institute at http://www.nei.nih.gov/sports/findingprotection.asp. Prevent Blindness America also offers tips for choosing and buying protective eyewear at http://www.preventblindness.org/tips-buying-sports-eye-protectors, and http://www.preventblindness.org/ recommended-sports-eye-protectors.

It is recommended that all children participating in school sports or recreational sports wear protective eyewear. Parents and coaches need to make sure young athletes protect their eyes, and properly gear up for the game. Protective eyewear should be part of any uniform to help reduce the occurrence of sports-related eye injuries. Since many youth teams do not require eye protection, parents may need to ensure that their children wear safety glasses or goggles whenever they play sports. Parents can set a good example by wearing protective eyewear when they play sports.

¹ National Eye Institute, National Eye Health Education Program, Sports-Related Eye Injuries: What You Need to Know and Tips for Prevention, www.nei.nih.gov/sports/pdf/sportsrelatedeyeInjuries.pdf, December 26, 2013.

² Rodriguez, Jorge O., D.O., and Lavina, Adrian M., M.D., Prevention and Treatment of Common Eye Injuries in Sports, http://www.aafp.org/afp/2003/0401/p1481.html, September 4, 2014; National Eye Health Education Program, Sports-Related Eye Injuries: What You Need to Know and Tips for Prevention, www.nei.nih.gov/sports/pdf/sportsrelatedeyeInjuries.pdf, December 26, 2013.

Bedinghaus, Troy, O.D., Sports Eye Injuries, http://vision.about.com/od/emergencyeyecare/a/Sports_Injuries.htm, December 27, 2013.

The most common types of eye injuries that can result from sports injuries are blunt injuries, corneal abrasions and penetrating injuries.

- **Most Common Types of Eye Injuries**
 - ♦ Blunt injuries: Blunt injuries occur when the eye is suddenly compressed by impact from an object. Blunt injuries, often caused by tennis balls, racquets, fists or elbows, sometimes cause a black eye or hyphema (bleeding in front of the eye). More serious blunt injuries often break bones near the eye, and may sometimes seriously damage important eye structures and/or lead to vision loss.
 - Corneal abrasions: Corneal abrasions are painful scrapes on the outside of the eye, or the cornea. Most corneal abrasions eventually heal on their

own, but a doctor can best assess the extent of the abrasion, and may prescribe medication to help control the pain. The most common cause of a sports-related corneal abrasion is being poked in the eye by a finger.

- ◆ Penetrating injuries: Penetrating injuries are caused by a foreign object piercing the eye. Penetrating injuries are very serious, and often result in severe damage to the eye. These injuries often occur when eyeglasses break while they are being worn. Penetrating injuries must be treated quickly in order to preserve vision.4
- Pain when looking up and/or down, or difficulty seeing;
- Tenderness;
- Sunken eye;
- Double vision:
- Severe eyelid and facial swelling;
- Difficulty tracking;

and Sports

Signs or Symptoms of an Eye Injury



- The eye has an unusual pupil size or shape;
- Blood in the clear part of the eye;
- Numbness of the upper cheek and gum; and/or
- Severe redness around the white part of the eye.

What to do if a **Sports-Related** Eye Injury **Occurs**

If a child sustains an eye injury, it is recommended that he/she receive immediate treatment from a licensed HCP (e.g., eye doctor) to reduce the risk of serious damage, including blindness. It is also recommended that the child, along with his/her parent or guardian, seek guidance from the HCP regarding the appropriate amount of time to wait before returning to sports competition or practice after sustaining an eye injury. The school nurse and the child's teachers should also be notified when a child sustains an eye injury. A parent or guardian should also provide the school nurse with a physician's note detailing the nature of the eye injury, any diagnosis, medical orders for

the return to school, as well as any prescription(s) and/or treatment(s) necessary to promote healing, and the safe resumption of normal activities, including sports and recreational activities.

> According to the American Family Physician Journal, there are several guidelines that should be followed when students return to play after sustaining an eye injury. For

Return to Play

example, students who have sustained significant ocular injury should receive a full examination and clearance by an ophthalmologist or optometrist. In addition, students should not return to play until the period of time recommended by their HCP has elapsed. For more minor eye injuries, the athletic trainer may determine that

it is safe for a student to resume play based on the nature of the injury, and how the student feels. No matter what degree of eye injury is sustained, it is recommended that students wear protective eyewear when returning to play and immediately report any concerns with their vision to their coach and/or the athletic trainer.

> Additional information on eye safety can be found at http://isee.nei.nih.gov and http://www.nei.nih.gov/sports.

New Jersey Department of Education Health History Update Questionnaire

Name of School:				
examination was o	a school-sponsored interscholastic or intran completed more than 90 days prior to the fin apleted and signed by the student's parent o	rst day of official pra	squad, each ctice shall pr	student whose physical ovide a health history update
Student:			_Age:	Grade:
Date of Last Phys:	ical Examination:	Sport:		
-	participation physical examination, has			
	advised not to participate in a sport? Yes	No		
If yes, describe	e in detail:			
2. Sustained a con	cussion, been unconscious or lost memory	from a blow to the he	ead? Yes	No
If yes, explain		entering the state of the state		
	or sprained/strained/dislocated any muscle	or joints? Yes No	o 🔲	
If yes, describe				
4. Fainted or "blad	cked out?" Yes No			
If yes, was this	s during or immediately after exercise?			
5. Experienced ch	est pains, shortness of breath or "racing hea	urt?" Yes No		
If yes, explain			1,000,010,000	
	a recent history of fatigue and unusual tired			
	red or had to go to the emergency room? Y	esNo	<u></u>	
If yes, explain	in detail			
8. Since the last p	hysical examination, has there been a sudde	en death in the family	or has any r	nember of the family under age
	attack or "heart trouble?" Yes No	,		
	oed taking any over-the-counter or prescribe		No	
	ed with Coronavirus (COVID-19)? Yes		-	- t-work
-	with Coronavirus (COVID-19), was your s			
	with Coronavirus (COVID-19), was your s			
11. Has any mem	ber of the student-athlete's household been	diagnosed with Coro	navirus (CO	VID-19)? Yes No
Date:	Signature of parent/guardian:			
	1			Į.

Please Return Completed Form to the School Nurse's Office