ATTENTION PARENT/GUARDIAN: The preparticiaption physical examination (page 3) must be completed by a health care provider who has completed the Student-Athlete Cardiac Assessment Professional Development Module.

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 keeps copy of this form in the chart.) Date of Exam

	1				
- NI	2	m	۱۵	11	

Sex _____ Age _____ Grade _____ School _____

_ Date of birth _____

_ 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 identify specific allergy below. □ Medicines D Pollens

□ Food

□ Stinging Insects

Explain "Yes" answers below. Circle questions you don't know the answers to.

GENERAL QUESTIONS	Yes	No	MEDICAL QUESTIONS	Yes	No
 Has a doctor ever denied or restricted your participation in sports for any reason? 			26. Do you cough, wheeze, or have difficulty breathing during or after exercise?		
2. Do you have any ongoing medical conditions? If so, please identify			27. Have you ever used an inhaler or taken asthma medicine?		
below: 🗆 Asthma 🔲 Anemia 🖾 Diabetes 🖾 Infections			28. Is there anyone in your family who has asthma?		
Other: 3. Have you ever spent the night in the hospital?			29. Were you born without or are you missing a kidney, an eye, a testicle (males), your spleen, or any other organ?		
4. Have you ever had surgery?	1.1		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?		
5. Have you ever passed out or nearly passed out DURING or	No. Roger galler	1 CENTER OF	32. Do you have any rashes, pressure sores, or other skin problems?	1	-
AFTER exercise?	1		33. Have you had a herpes or MRSA skin infection?		-
Have you ever had discomfort, pain, tightness, or pressure in your chest during exercise?			34. Have you ever had a head injury or concussion?		
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 Kawasaki disease Other:			38. Have you ever had numbness, tingling, or weakness in your arms or legs after being hit or falling?		1
 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?		
11. Have you ever had an unexplained seizure?			42. Do you or someone in your family have sickle cell trait or disease?		
12. Do you get more tired or short of breath more quickly than your friends			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?		
 Has any family member or relative died of heart problems or had an unexpected or unexplained sudden death before age 50 (including 			46. Do you wear protective eyewear, such as goggles or a face shield?		
drowning, unexplained car accident, or sudden infant death syndrome)?			47. Do you worry about your weight?		
 Does 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 polymorphic ventricular tachycardia?			49. Are you on a special diet or do you avoid certain types of foods?		
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?		
16. Has anyone in your family had unexplained fainting, unexplained			FEMALES ONLY		
seizures, or near drowning?			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?			54. How many periods have you had in the last 12 months? Explain "yes" answers here		
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?					
21. 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?			1		
23. Do you have a bone, muscle, or joint injury that bothers you?					
24. Do any of your joints become painful, swollen, feel warm, or look red?		1.1			
25. Do you have any history of juvenile arthritis or connective tissue disease?			1		

I hereby state that, to the best of my knowledge, my answers to the above questions are complete and correct.

Signature of athlete Signature of parent/guardian

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New Jersey Department of Education 2014; Pursuant to P.L.2013, c.71

Date

PREPARTICIPATION PHYSICAL EVALUATION THE ATHLETE WITH SPECIAL NEEDS: SUPPLEMENTAL HISTORY FORM

lame			Date of birth	÷	
iex Age	Grade	School	Sport(s)		
1. Type of disability	and the second				
2. Date of disability					
3. Classification (if available)					
4. Cause of disability (birth, d	isease, accident/trauma, other)				
5. List the sports you are inte	rested in playing				
				Yes	No
6. Do you regularly use a bra	ce, assistive device, or prosthetic?				
7. Do you use any special bra	ice or assistive device for sports?				
8. Do you have any rashes, p	ressure sores, or any other skin probl	ems?			
9. Do you have a hearing loss	? Do you use a hearing aid?			_	
10. Do you have a visual impa	irment?				
11. Do you use any special de	vices for bowel or bladder function?				
12. Do you have burning or dis	comfort when urinating?				
13. Have you had autonomic d	ysreflexia?				
14. Have you ever been diagno	osed with a heat-related (hyperthermi	a) or cold-related (hypothermia) illness?			
15. Do you have muscle spast	city?				
16. Do you have frequent seize	ures that cannot be controlled by med	ication?	and the second		

Explain "yes" answers here

Please indicate if you have ever had any of the following.

	Yes	No
Atlantoaxial instability		
X-ray evaluation for atlantoaxial instability		
Dislocated joints (more than one)		
Easy bleeding		
Enlarged spleen		
Hepatitis		
Osteopenia or osteoporosis		
Difficulty controlling bowel		
Difficulty controlling bladder		
Numbness or tingling in arms or hands		
Numbness or tingling in legs or feet		
Weakness in arms or hands		
Weakness in legs or feet		
Recent change in coordination		
Recent change in ability to walk		
Spina bifida.		
Latex allergy		

Explain "yes" answers here

I hereby state that, to the best of my knowledge, my answers to the above questions are complete and correct.

Signature of athlete

_____Signature of parent/guardian _____

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Date_

NOTE: The preparticiaption physical examination must be conducted by a health care provider who 1) is a licensed physician, advanced practice nurse, or physician assistant; and 2) completed the Student-Athlete Cardiac Assessment Professional Development Module.

Date of birth

DATE OF EXAM - REQUIRED

PREPARTICIPATION PHYSICAL EVALUATION

PHYSICAL EXAMINATION FORM

Name

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 D Male D Female BP Vision R 20/ 1) Pulse L 20/ Corrected V N MEDICAL NORMAL ABNORMAL FINDINGS Appearance 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* Murmurs (auscultation standing, supine, +/- Valsalva) · Location of point of maximal impulse (PMI) Pulses · Simultaneous femoral and radial pulses Lungs Abdomen Genitourinary (males only)* Skin · HSV, lesions suggestive of MRSA, tinea corporis Neurologic MUSCULOSKELETAL Neck Back Shoulder/arm Elbow/forearm Wrist/hand/fingers Hip/thigh Knee Leg/ankle Foot/toes Functional

· Duck-walk, single leg hop

*Consider ECG, echocardiogram, and referral to cardiology for abnormal cardiac history or exam.

*Consider GU exam if in private setting. Having third party present is recommended. *Consider cognitive evaluation or baseline neuropsychiatric testing if a history of significant concussion.

Cleared for all sports without restriction with recommendations for further evaluation or treatment for

Cleared for all sports without restriction

D Not	cleared	
	Pending further evaluation	
3 -	For any sports	
	For certain sports	
	Reason	
Recom	mendations	

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/guardians).

Name of physician, advanced practice nurse (APN), physician assistant (PA) (print/type)	Date of exam
Address	Phone
Signature of physician, APN, PA	

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Name	Sex 🗆 M 🗆 F Age	Date of birth
Cleared for all sports without restriction		
□ Cleared for all sports without restriction with recommendations	for further evaluation or treatment for	14 CHINER.
□ Not cleared		
Pending further evaluation		
□ For any sports		
For certain sports		
Recommendations		
EMERGENCY INFORMATION		
Allergies	and the second	14
		Magaziki salip
Other information		
		International Contraction
HCP OFFICE STAMP	SCHOOL PHYSICIAN:	
el policini 2010 de los constructores de la constructiva de la sub-	Beviewed on	
	Reviewed on	
	Approved Not	Approved
	Signature:	
I have examined the above-named student and comple clinical contraindications to practice and participate in and can be made available to the school at the request the physician may rescind the clearance until the probl (and parents/guardians).	the sport(s) as outlined above. A copy of the of the parents. If conditions arise after the a	physical exam is on record in my office thlete has been cleared for participation
F		
Name of physician, advanced practice nurse (APN), physician	assistant (PA)	Date
Address		Phone

Completed Cardiac Assessment Professional Development Module

Date_ _ Signature_

Signature of physician, APN, PA __

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GLOUCESTER CATHOLIC JUNIOR SENIOR HIGH SCHOOL

333 RIDGEWAY STREET

GLOUCESTER CITY, NEW JERSEY 08030

Phone: (856) 456-4400 • Fax: (856) 456-3599/Guidance Office • E-Mail: guidance@gchsrams.org

SPORTS PARTICIPATION PERMISSION

NAME	GRADE
SPORT	SCHOOL YEAR

STUDENT AGREEMENT

I hereby apply for the privilege of trying out for the above named sport for the above named school year. I recognize my responsibilities if I try out for the above sport. I will make it a point to so govern myself that my association with the sport will bring honor to it and the school, and expect to be asked to withdraw from the team in case I do not. If extended this privilege I will: train consistently as advised by the coach, abide by all training rules, make a serious effort to keep up my studies, make it a point to abide by the rules and regulations of the student body, conduct myself, at all times, that I will bring credit to my team. I realize that there is a risk of injury that is inherent in all sports. I realize that the risk of injury may be severe, including the risk of fractures, brain injuries, paralysis or even death. It is my duty to inform my coach and the school of any such injuries. I have also received and reviewed the Sudden Cardiac Death in Young Athletes pamphlet.

PARENT'S WAIVER

This is to certify that the above named student has my/our permission to train for and compete in the above named sport. I/We understand that the school will assume no responsibility other than providing normal coaching supervision. I/We realize that there is a risk of injury that is inherent in all sports. I/We realize the risk of injury may be severe, including the risk of fractures, brain injuries, paralysis or even death. I/We give my permission, in case of injury during practice or a game, for my son/daughter to receive medical treatment by a qualified physician. I/We give my permission for medical information in the Pre-Participation Sports Physical Form and the Health History Questionnaire to be shared with the athletic trainer and/or coaches.

NJSIAA STERIOD TESTING POLICY - CONSENT TO RANDOM TESTING

We consent to random testing in accordance with the attached NJSIAA steroid testing policy. We understand that, if the student or the student's team qualifies for a state championship tournament or state championship competition, the student may be subject to testing for banned substances.

CONCUSSION POLICY ACKNOWLEDGEMENT

We acknowledge that we received the attached Sports-Related Concussion and Head Injury fact sheet.

SUDDEN CARDIAC DEATH PAMPHLET ACKNOWLEDGEMENT

We have received and reviewed the Sudden Cardiac Death in Young Athletes pamphlet.

SPORTS-RELATED EYE INJURIES

We have received and reviewed the attached Sports-Related Eye Injuries fact sheet.

OPIOID USE AND MISUSE FACT SHEET

We have received and reviewed the attached Opioid Use and Misuse fact sheet.

Student Signature	Date
Mother's Signature	Date
Father's Signature	Date

"Our Family Educating Your Family In The Catholic Tradition"



GLOUCESTER CATHOLIC JUNIOR SENIOR HIGH SCHOOL

333 RIDGEWAY STREET GLOUCESTER CITY, NEW JERSEY 08030

Phone: (856) 456-4400 • Fax: (856) 456-3599/Guidance Office • E-Mail: guidance@gchsrams.org

USE AND MISUSE OF OPIOID DRUGS FACT SHEET

Student Athlete and Parent/Guardian Sign-Off

In accordance with N.J.S.A. 18A:40-41.10, public school districts, approved private schools for students with disabilities, and non-public schools participating in an interscholastic sports program must distribute this <u>Opioid Use and Misuse Educational</u> <u>Fact Sheet</u> to all student-athletes and cheerleaders. In addition, schools and districts must obtain a signed acknowledgement of receipt of the fact sheet from each student-athlete and cheerleader, and for students under the age 18, the parent or guardian must also sign.

This sign-off sheet is due to the appropriate school personnel as determined by your district prior to the first official practice session of the spring 2018 athletic season (March 2, 2018, as determined by the New Jersey State Interscholastic Athletic Association) and annually thereafter prior to the student-athlete's or cheerleader's first official practice of the school year.

Gloucester Catholic Junior Senior High School Camden Diocese

I/We acknowledge that we received the Educational Fact Sheet on the <u>Use and Misuse of</u> <u>Opioid Drugs</u>.

Student Signature:

Parent/Guardian Signature:

Date:

"Our Family Educating Your Family In The Catholic Tradition"

SIAA 1161 Route 130, P.O. Box 487, Robbinsville, NJ 08691 609-259-2776 609-259-3047-Fax

NJSIAA STEROID TESTING POLICY

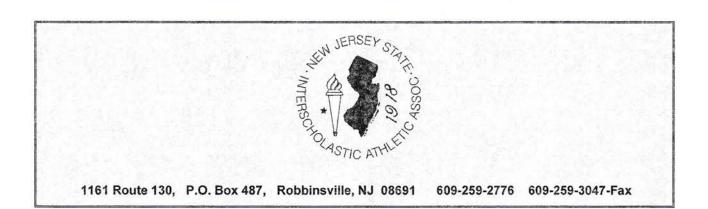
CONSENT TO RANDOM TESTING

In Executive Order 72, issued December 20, 2005, Governor Richard Codey directed the New Jersey Department of Education to work in conjunction with the New Jersey State Interscholastic Athletic Association (NJSIAA) to develop and implement a program of random testing for steroids, of teams and individuals qualifying for championship games.

Beginning in the Fall, 2006 sports season, any student-athlete who possesses, distributes, ingests or otherwise uses any of the banned substances on the attached page, without written prescription by a fully-licensed physician, as recognized by the American Medical Association, to treat a medical condition, violates the NJSIAA's sportsmanship rule, and is subject to NJSIAA penalties, including ineligibility from competition. The NJSIAA will test certain randomly selected individuals and teams that qualify for a state championship tournament or state championship competition for banned substances. The results of all tests shall be considered confidential and shall only be disclosed to the student, his or her parents and his or her school. No student may participate in NJSIAA competition unless the student and the student's parent/guardian consent to random testing.

By signing below, we consent to random testing in accordance with the NJSIAA steroid testing policy. We understand that, if the student or the student's team qualifies for a state championship tournament or state championship competition, the student may be subject to testing for banned substances.

Signature of Student-Athlete	Print Student-Athlete's Name	Date
Signature of Parent/Guardian	Print Parent/Guardian's Name	Date



NJSIAA PARENT/GUARDIAN CONCUSSION POLICY ACKNOWLEDGMENT FORM

In order to help protect the student athletes of New Jersey, the NJSIAA has mandated that all athletes, parents/guardians and coaches follow the NJSIAA Concussion Policy.

A concussion is a brain injury and all brain injuries are serious. They may be caused by a bump, blow, or jolt to the head, or by a blow to another part of the body with the force transmitted to the head. They can range from mild to severe and can disrupt the way the brain normally works. Even though most concussions are mild, <u>all concussions are potentially serious and may result in complications including prolonged brain damage and death if not recognized and managed properly</u>. In other words, even a "ding" or a bump on the head can be serious. You can't see a concussion and most sports concussions occur without loss of consciousness. Signs and symptoms of concussion may show up right after the injury or can take hours or days to fully appear. If your child/player reports any symptoms of concussion, or if you notice the symptoms or signs of concussion yourself, seek medical attention right away.

Symptoms may include one or more of the following:

- 1. Headache.
- 2. Nausea/vomiting.
- 3. Balance problems or dizziness.
- 4. Double vision or changes in vision.
- 5. Sensitivity to light or sound/noise.
- 6. Feeling of sluggishness or fogginess.
- 7. Difficulty with concentration, short-term memory, and/or confusion.
- 8. Irritability or agitation.
- 9. Depression or anxiety.
- 10. Sleep disturbance.

Signs observed by teammates, parents and coaches include:

- 1. Appears dazed, stunned, or disoriented.
- Forgets plays or demonstrates short-term memory difficulties (e.g. is unsure of the game, score, or opponent)
- 3. Exhibits difficulties with balance or coordination.
- 4. Answers questions slowly or inaccurately.
- 5. Loses consciousness.
- 6. Demonstrates behavior or personality changes.
- 7. Is unable to recall events prior to or after the hit.

What can happen if my child/player keeps on playing with a concussion or returns too soon?

Athletes with the signs and symptoms of concussion should be removed from play immediately. Continuing to play with the signs and symptoms of a concussion leaves the young athlete especially vulnerable to greater injury. There is an increased risk of significant damage from a concussion for a period of time after that concussion occurs, particularly if the athlete suffers another concussion before completely recovering from the first one. This can lead to prolonged recovery, or even to severe brain swelling (second impact syndrome) with devastating and even fatal consequences. It is well known that adolescent or teenage athletes will often under report symptoms of injuries. And concussions are no different. As a result, education of administrators, coaches, parents and students is the key for student-athlete's safety.

If you think your child/player has suffered a concussion

Any athlete even suspected of suffering a concussion should be removed from the game or practice immediately. No athlete may return to activity after an apparent head injury or concussion, regardless of how mild it seems or how quickly symptoms clear. Close observation of the athlete should continue for several hours.

An athlete who is suspected of sustaining a concussion or head injury in a practice or game shall be removed from competition at that time and may not return to play until the athlete is evaluated by a medical doctor or doctor of Osteopathy, trained in the evaluation and management of concussion and received written clearance to return to play from that health care provider.

You should also inform you child's Coach, Athletic Trainer (ATC), and/or Athletic Director, if you think that your child/player may have a concussion. And when it doubt, the athlete sits out.

For current and up-to-date information on concussions you can go to:

http://www.cdc.gov/ConcussionInYouthSports/

www.nfhslearn.com

Signature of Student-Athlete

Print Student-Athlete's Name

Date

Signature of Parent/Guardian

Print Parent/Guardian's Name

Date

Please keep this form on file at the school. Do not return to the NJSIAA. Thank you.

OPIOID USE AND MISUSE EDUCATIONAL FACT SHEET Keeping Student-Athletes Safe

School athletics can serve an integral role in students' development. In addition to providing healthy forms of exercise, school athletics foster friendships and camaraderie, promote sportsmanship and fair play, and instill the value of competition.

Unfortunately, sports activities may also lead to injury and, in rare cases, result in pain that is severe or long-lasting enough to require a prescription opioid painkiller.¹ It is important to understand that overdoses from opioids are on the rise and are killing Americans of all ages and backgrounds. Families and communities across the country are coping with the health, emotional and economic effects of this epidemic.²

This educational fact sheet, created by the New Jersey Department of Education as required by state law (*N.J.S.A.* 18A:40-41.10), provides information concerning the use and misuse of opioid drugs in the event that a health care provider prescribes a student-athlete or cheerleader an opioid for a sports-related injury. Student-athletes and cheerleaders participating in an interscholastic sports program (and their parent or guardian, if the student is under age 18) must provide their school district written acknowledgment of their receipt of this fact sheet.

How Do Athletes Obtain Opioids?

In some cases, student-athletes are prescribed these medications. According to research, about a third of young people studied obtained pills from their own previous prescriptions (i.e., an unfinished prescription used outside of a physician's supervision), and 83 percent of adolescents had unsupervised access to their prescription medications.³ It is important for parents to understand the possible hazard of having unsecured prescription medications in their households. Parents should also understand the importance of proper storage and disposal of medications, even if they believe their child would not engage in non-medical use or diversion of prescription medications.

What Are Signs of Opioid Use?

According to the National Council on Alcoholism and Drug Dependence, 12 percent of male athletes and 8 percent of female athletes had used prescription opioids in the 12-month period studied.³ In the early stages of abuse, the athlete may exhibit unprovoked nausea and/or vomiting. However, as he or she develops a tolerance to the drug, those signs will diminish. Constipation is not uncommon, but may not be reported. One of the most significant indications of a possible opioid addiction is an athlete's decrease in academic or athletic performance, or a lack of interest in his or her sport. If these warning signs are noticed, best practices call for the student to be referred to the appropriate professional for screening,⁴ such as provided through an evidence-based practice to identify problematic use, abuse and dependence on illicit drugs (e.g., Screening, Brief Intervention, and Referral to Treatment (SBIRT)) offered through the New Jersey Department of Health.

What Are Some Ways Opioid Use and Misuse Can Be Prevented?

According to NJSIAA Sports Medical Advisory Committee chair, John P. Kripsak, D.O., "Studies indicate that about 80 percent of heroin users started out by abusing narcotic painkillers."

According to the New Jersey State Interscholastic Athletic Association (NJSIAA) Sports Medical Advisory Committee chair, John P. Kripsak, D.O., "Studies indicate that about 80 percent of heroin users started out by abusing narcotic painkillers."

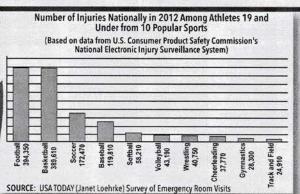
The Sports Medical Advisory Committee, which includes representatives of NJSIAA member schools as well as experts in the field of healthcare and medicine, recommends the following:

- The pain from most sports-related injuries can be managed with non-narcotic medications such as acetaminophen, nonsteroidal anti-inflammatory medications like ibuprofen, naproxen or aspirin. Read the label carefully and always take the recommended dose, or follow your doctor's instructions. More is not necessarily better when taking an over-the-counter (OTC) pain medication, and it can lead to dangerous side effects.⁶
- Ice therapy can be utilized appropriately as an anesthetic.
- Always discuss with your physician exactly what is being prescribed for pain and request to avoid narcotics.
- In extreme cases, such as severe trauma or post-surgical pain, opioid pain medication should not be prescribed for more than five days at a time;
- Parents or guardians should always control the dispensing of pain medications and keep them in a safe, non-accessible location; and
- Unused medications should be disposed of immediately upon cessation of use. Ask your pharmacist about drop-off locations or home disposal kits like Deterra or Medsaway.



STATE OF NEW JERSEY DEPARTMENT OF EDUCATION In consultation with

NJSIAA NJSIAA SPORTS MEDICAL Advisory Committee Karan Chauhan Parsippany Hills High School, Permanent Student Representative New Jersey State Board of Education



STATE OF NEW JERSEY

DEPARTMENT OF HEALTH

Even With Proper Training and Prevention, Sports Injuries May Occur

There are two kinds of sports injuries. Acute injuries happen suddenly, such as a sprained ankle or strained back. Chronic injuries may happen after someone plays a sport or exercises over a long period of time, even when applying overuse-preventative techniques.⁵

Athletes should be encouraged to speak up about injuries, coaches should be supported in injury-prevention decisions, and parents and young athletes are encouraged to become better educated about sports safety.⁶

What Are Some Ways to Reduce the Risk of Injury?"

Half of all sports medicine injuries in children and teens are from overuse. An overuse injury is damage to a bone, muscle, ligament, or tendon caused by repetitive stress without allowing time for the body to heal. Children and teens are at increased risk for overuse injuries because growing bones are less resilient to stress. Also, young athletes may not know that certain symptoms are signs of overuse.

The best way to deal with sports injuries is to keep them from happening in the first place. Here are some recommendations to consider:



U Health

PREPARE Obtain the preparticipation physical evaluation prior to participation on a school-sponsored interscholastic or intramural athletic team or squad.

PLAY SMART Try a variety of sports and consider specializing in one sport before late adolescence to help avoid overuse injuries.

TRAINING Increase weekly training time, mileage or repetitions no more than 10 percent per week. For example, if running 10 miles one week, increase to 11 miles the following week. Athletes should also cross-train and perform sport-specific drills in different ways, such as running in a swimming pool instead of only running on the road.



CONDITIONING Maintain a good fitness level during the season and offseason. Also important are proper warm-up and cooldown exercises.



ADEQUATE HYDRATION Keep the body hydrated to help the heart more easily pump blood to muscles, which helps muscles work efficiently.

REST UP Take at least one day off per week from organized activity to recover physically and mentally. Athletes should take a combined three months off per year from a specific sport (may be divided throughout the year in one-month increments). Athletes may remain physically active during rest periods through alternative low-stress activities such as stretching, yoga or walking.

PROPER EQUIPMENT Wear appropriate and properly fitted protective equipment such as pads (neck, shoulder, elbow, chest, knee, and shin), helmets, mouthpieces, face guards, protective cups, and eyewear. Do not assume that protective gear will prevent all injuries while performing more dangerous or risky activities.

Resources for Parents and Students on Preventing Substance Misuse and Abuse

The following list provides some examples of resources:

National Council on Alcoholism and Drug Dependence - NJ promotes addiction treatment and recovery.

New Jersey Department of Health, Division of Mental Health and Addiction Services is committed to providing consumers and families with a wellness and recovery-oriented model of care.

New Jersey Prevention Network includes a parent's quiz on the effects of opioids.

Operation Prevention Parent Toolkit is designed to help parents learn more about the opioid epidemic, recognize warning signs, and open lines of communication with their children and those in the community.

Parent to Parent NJ is a grassroots coalition for families and children struggling with alcohol and drug addiction.

Partnership for a Drug Free New Jersey is New Jersey's anti-drug alliance created to localize and strengthen drug-prevention media efforts to prevent unlawful drug use, especially among young people.

The Science of Addiction: The Stories of Teens shares common misconceptions about opioids through the voices of teens.

Youth IMPACTing NJ is made up of youth representatives from coalitions across the state of New Jersey who have been impacting their communities and peers by spreading the word about the dangers of underage drinking, marijuana use, and other substance misuse.

References ¹ Massachusetts Technical Assistance Partnership for Prevention ² Centers for Disease Control and Prevention ³ New Jersey State Interscholastic Athletic Association (NJSIAA) Sports Medical Advisory Committee (SMAC) ⁴ Athletic Management, David Csillan, athletic trainer, Ewing High School, NJSIAA SMAC

- ⁵ National Institute of Arthritis and Musculoskeletal and Skin Diseases
- USA TODAY
- ⁷ American Academy of Pediatrics

An online version of this fact sheet is available on the New Jersey Department of Education's Alcohol, Tobacco, and Other Drug Use webpage. Updated Jan. 30, 2018.

Website Resources

- Sudden Death in Athletes www.cardiachealth.org/sudden-death-inathletes
- 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

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New Jersey Department of Education

PO Box 500 Trenton, NJ 08625-0500 (p) 609-292-5939 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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SUDDEN CARDIAC DEATH IN YOUNG ATHLETES

The Basic Facts on Sudden Cardiac Death in Young Athletes





SUDDEN CARDIAC DEATH IN YOUNG ATHLETES

Sudden 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 quiver 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.

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 Annual Athletic Pre-Participation Physical Examination Form.

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.

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).

Effective September 1, 2014, the New Jersey Department of Education requires that all public and nonpublic schools grades K through 12 shall:

- Have an AED available at every sports event (three minutes total time to reach and return with the AED);
- Have adequate personnel who are trained in AED use present at practices and games;
- Have coaches and athletic trainers trained in basic life support techniques (CPR); and
- Call 911 immediately while someone is retrieving the AED.

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.¹ 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.

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/sportsrelatedeyelnjuries.pdf, December 26, 2013. 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/sportsrelatedeyelnjuries.pdf, December 26, 2013. Bedinghaus, Troy, O.D., Sports Eye Injuries, http://vision.about.com/od/emergencyeyecare/a/Sports Injuries.htm, December 27, 2013.

Most Common Types of Eye Injuries

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

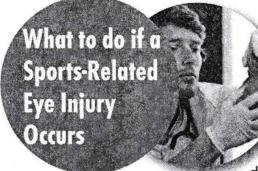
own, but a doctor can best assess the extent of the abrasion, and may prescribe medication to help control the pain. The most common cause of a sports-related corneal abrasion is being poked in the eye by a finger.

- 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;

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.



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 and Sports

llowed when students return to play after sustaining an eye injury. For 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.

Gloucester Catholic Junior Senior High School Accident Insurance Policy

Dear Parent or Guardian:

Because we feel that accident coverage for your child(ren) is very important, we have secured a special School Time Accident Policy for all students attending our school and participating in any school sponsored and supervised aftercare program.

The coverage is being offered through A-G Administrators. The insurance carrier is Great American Insurance Company.

The school time policy is excess coverage. This means that benefits will be paid that are not payable by any other insurance policy or group service contract.

If you have coverage through an HMO or (similar organization), you must comply with their requirements or your claim will not be covered under this policy.

This insurance only applies if all of the following conditions are met:

(1) The accident results from a school sponsored and supervised activity;

(2) Initial treatment is rendered within 90 days from the date of the accident; and

(3) A completed claim form is mailed to A-G Administrators and postmarked within 30 days after the date of the accident.

The claim form must be provided by the school.

Other terms and restrictions may apply.

How to File a Claim

To process your claim please submit the following three pieces of information:

1. Completed and Signed Claim Form

2. Itemized Bills

1

3. Explanation of Benefits from your Primary Insurance Carrier

These documents should be mailed, emailed or faxed to:

A-G Administrators, Inc. Claims Department P.O. Box 979 Valley Forge, PA. 19482 Claims@agadm.com (610) 933-4122 Fax (610) 933-0800 Phone (800) 634-8628 Toll Free

1. The Claim Form enables us to open a claim for the treatment of your injury. To avoid delays in claim processing please be sure the "other insurance" portion of the claim form is completed in full. The claim form must be signed by a school official such as coach or athletic trainer.

2. Itemized Bills: Please include copies of all medical bills, showing the name and address of the provider of service, date of service, type of service and the charges. Account statements or "balance due" statements are helpful, but do not contain all the information needed to process the charges.

3 Explanation of Benefits: If you have other medical insurance, all medical bills must be first submitted to that carrier for their determination of eligibility. If the charges are not paid in full by the other medical insurance carrier we will need to see a copy of the "Explanation of Benefits" from that carrier prior to issuing benefits from this office. If you have no primary medical insurance the need for an "Explanation of Benefits" will not be applicable to your claim.

Should you need further assistance please contact the Camden Diocese representative, Lisa Thompson, 1-610-891-2714 or lthompson@portercurtis.com

Thanks Pat Murphy Athletic Director