TOWNSHIP OF UNION PUBLIC SCHOOLS - ATHLETIC DEPARTMENT

Dear Parents/Guardians:

In order to participate in school sponsored athletics, the attached Athletic Physical Exam Packet must be completed and submitted to the Nurse's office.

Please submit the <u>entire packet</u> to the school nurse. If any forms are omitted, left blank, or incomplete, the entire packet will be returned. Before we forward this to our school district doctor for clearance, this packet must be <u>completely</u> filled out.

Students will not be allowed to tryout or practice with their teams until the athletic physical is cleared by the school doctor and the paperwork is processed. This process takes time, so you must make all efforts to turn in your athletic physical packet on/or before the designated due date for your child's particular sports season.

Due Dates	Seasons	Sports
July 15	Fall	Cross Country, Field Hockey, Football, Girls Tennis, Gymnastics, Soccer, Girls Volleyball
October 15	Early Winter	Bowling, Swimming
November 1	Winter	Basketball, Indoor Track, Wrestling
February 1	Spring	Baseball, Boys Tennis, Boys Volleyball, Golf, Softball, Track

Please adhere to the above due dates. Students <u>will not</u> be eligible for participation until all required forms have been received and processed.

Athletic Physical Form packets can be obtained from the Nurse's Office, the Athletic Office or may be downloaded from www.twpunionschools.org. — click on Athletics; then Sports Physical Forms.

PLEASE HAND THE ENTIRE PACKET INTO YOUR SCHOOL NURSE OR INTO THE MAIN OFFICE AT UNION HIGH SCHOOL DURING THE SUMMER MONTHS.

ATTENTION: MEDICAL PROVIDERS/PARENTS/GUARDIANS

The New Jersey Department of Education has developed a Student-Athlete Cardiac Assessment Professional Development Module. All medical providers performing Athletic physicals must take this module, sign off on the clearance form of the physical packet indicating that they have completed the Cardiac Assessment Professional Development Module.

Form Revised: June 2015

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

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 and Allergies: Please list all of the prescription and over-the-countor modicines and supplements (herbal and nutritional) that you are currently takin Medicines and Allergies: Please list all of the prescription and over-the-countor modicines and supplements (herbal and nutritional) that you are currently takin Medicines and Allergies: Please list all of the prescription and over-the-countor modicines and supplements (herbal and nutritional) that you are currently takin Medicines and Allergies: Please list all of the prescription	ame				Date of birth		
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■ PREPARTICIPATION PHYSICAL EVALUATION

THE ATHLETE WITH SPECIAL NEEDS: SUPPLEMENTAL HISTORY FORM

Date of Ex	am					
Name _				Date of birt	th	
Sex	Age	Grade	School	Sport(s)		
1. Туре о	f disability					
2. Date of	f disability					
	ication (if available)					
4. Cause	of disability (birth, di	sease, accident/trauma, other)	in			
5. List the	e sports you are inter	rested in playing				
C Dougue	ranulado uma a besa	a analakina Junian anananthan			Yes	No
		e, assistive device, or prostheti ce or assistive device for sports				
		essure sores, or any other skin				
		? Do you use a hearing aid?	prodens			
	have a visual impair					
		ices for bowel or bladder funct	ion?			-
		comfort when urinating?	110000			
13. Have y	ou had autonomic dy	rsreflexia?				
14. Have y	ou ever been diagno:	sed with a heat-related (hypert	hermia) or cold-related (hypothermia) illness	?		
	have muscle spastic					
16. Do you	have frequent seizu	res that cannot be controlled by	y medication?			
Explain "ye	s" answers here				**	
Please indic	ate if you have eve	r had any of the following.				
					Yes	No
Atlantoaxial						
	ation for atlantoaxial					
Easy bleedi	joints (more than one	9)				
Enlarged sp						
Hepatitis	лсоп					
-	or osteoporosis					
	ontrolling bowel					
	ontrolling bladder				-	
	or tingling in arms or	hands				
Numbness	or tingling in legs or	feet				
Weakness i	n arms or hands					
Weakness i	n legs or feet					
Recent char	nge in coordination					
	nge in ability to walk					
Spina bifida						
Latex allerg	У					
Explain "yes	s" answers here					
hereby sta	te that, to the best o	of my knowledge, my answer	s to the above questions are complete an	d correct.		
I hereby stat		of my knowledge, my answer	rs to the above questions are complete an Signature of parent/guardian	d correct.	Date	

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

Date of birth _

■ PREPARTICIPATION PHYSICAL EVALUATION

PHYSICAL EXAMINATION FORM

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 Do you wear a seat belt, use a helmet, and use condoms? 2. Consider reviewing questions on cardiovascular symptoms (questions 5–14).	nt? e your performance?	
EXAMINATION	Anna Walanger	
Height Weight 🗆	Male ☐ Female	
BP / (/) Pulse	Vision R 20/	L 20/ Corrected D Y D N
MEDICAL	NORMAL	ABNORMAL FINDINGS
Appearance • Marfan stigmata (kyphoscoliosis, high-arched palate, pectus excavatum, arachnodactyly arm span > height, hyperlaxity, myopia, MVP, aortic insufficiency) Eves/ears/nose/throat	1.	
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) ^b		
Skin		
HSV, lesions suggestive of MRSA, tinea corporis Neurologic		8.
MUSCULOSKELETAL		
Neck		
Back		
Shoulder/arm		
Elbow/forearm		
Wrist/hand/fingers		
Hip/thigh		
Knee Leg/ankle		
Foot/loes		
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 □ Cleared for all sports without restriction with recommendations for further evaluation or t	greatment for	
□ Not cleared	- CAMPIGITE IOI	
☐ Pending further evaluation		
☐ For any sports		
☐ For certain sports		Y
Reason		
Recommendations		
I have examined the above-named student and completed the preparticipation physic participate in the sport(s) as outlined above. A copy of the physical exam is on record arise after the athlete has been cleared for participation, a physician may rescind the clot the athlete (and parents/guardians). Name of physician, advanced practice nurse (APN), physician assistant (PA) (print/typ.	in my office and can be ma learance until the problem	ade available to the school at the request of the parents. If conditions is resolved and the potential consequences are completely explained
Address		
Signature of physician, APN, PA		
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New Jersey Department of Education 2014; Pursuant to P.L.2013, c.71

■ 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 even the commendation of the commendati	aluation or treatment for	
☐ Not cleared		
□ Pending further evaluation		
☐ For any sports		
☐ For certain sports		
Reason		
Recommendations		
EMERGENCY INFORMATION		
Allergies		
Otherstate		
Other information		
HCP OFFICE STAMP	SCHOOL PHYSICIAN:	
	Reviewed on	(Date)
	Approved Not A	Approved
	Signature:	
Thouse everyland the above mound student and sound to the		
I have examined the above-named student and completed the prep clinical contraindications to practice and participate in the sport(s)	articipation physical evaluation. T as outlined above. A copy of the i	he athlete does not present apparent physical exam is on record in my office
and can be made available to the school at the request of the paren	ts. If conditions arise after the atl	nlete has been cleared for participation.
the physician may rescind the clearance until the problem is resolv (and parents/guardians).		
	Date of Physical	
Name of physician, advanced practice nurse (APN), physician assistant (PA)		
Address		
Signature of physician, APN, PA		
Completed Cardiac Assessment Professional Development Module		
Date Signature		

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



Union Board of Education

Concussion, Sudden Cardiac Death, Eye Injury and Steroid Testing Acknowledgment Form

Please read the attached information sheets on Sports-Related Concussions and Head Injury Fact Sheet, Sudden Cardiac Death Acknowledgment pamphlet and NJSIAA Steroid testing. Please, print, sign and date the bottom of the page that you have read and understand the information provided, and return with the physical form. If you have any questions or concerns please contact the School Nurse at 908.851.6550 or the Athletic Trainer, Meg Berry at 908.851.6516

- I have read the attached information on Sudden Cardiac Death in Young Athletes. I understand its contents. I have been given an opportunity to ask questions and all questions have been answered to my satisfaction.
- I have read the attached information on Eye Injuries in Young Athletes. I understand its
 contents. I have been given an opportunity to ask questions and all questions have been
 answered to my satisfaction.
- I have read the attached information on Sports-Related Concussions and Head Injury Fact Sheet. I understand its contents. I have been given an opportunity to ask questions and all questions have been answered to my satisfaction.
- I have read the attached information on NJSIAA Steroid testing policy. I understand its contents. I have been given an opportunity to ask questions and all questions have been answered to my satisfaction. 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.

		/ /
Parent/Guardian Name (print)	Parent/Guardian Name (Signature)	(date)
		/ /
Student Name (print)	Student (Signature)	(date)



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.

2015-16 NJSIAA Banned Drugs

IT IS YOUR RESPONSIBILITY TO CHECK WITH THE APPROPRIATE OR DESIGNATED ATHLETICS STAFF BEFORE USING ANY SUBSTANCE

The NJSIAA bans the following classes of drugs:

- Stimulants
- Anabolic Agents
- · Alcohol and Beta Blockers
- · Diuretics and Other Masking Agents
- Street Drugs
- · Peptide Hormones and Analogues
- · Anti-estrogens
- Beta-2 Agonists

Note: Any substance chemically related to these classes is also banned.

THE INSTITUTION AND THE STUDENT-ATHLETE SHALL BE HELD ACCOUNTABLE FOR ALL DRUGS WITHIN THE BANNED DRUG CLASS REGARDLESS OF WHETHER THEY HAVE BEEN SPECIFICALLY IDENTIFIED.

Drugs and Procedures Subject to Restrictions

- Blood Doping
- · Gene Doping
- Local Anesthetics (under some conditions)
- · Manipulation of Urine Samples
- Beta-2 Agonists permitted only by prescription and inhalation

NJSIAA Nutritional/Dietary Supplements Warning

Before consuming any nutritional/dietary supplement product, <u>review the product with the appropriate or designated athletics department staff!</u>

- Dietary supplements, including vitamins and minerals, are not well regulated and may cause a positive drug test result.
- Student-athletes have tested positive and lost their eligibility using dietary supplements.
- Many dietary supplements are contaminated with banned drugs not listed on the label.
- Any product containing a dietary supplement ingredient is taken at your own risk.

NOTE TO STUDENT-ATHLETES: THERE IS NO COMPLETE LIST OF BANNED SUBSTANCES. DO NOT RELY ON THIS LIST TO RULE OUT ANY SUPPLEMENT INGREDIENT. CHECK WITH YOUR ATHLETICS DEPARTMENT STAFF PRIOR TO USING A SUPPLEMENT. REMINDER: ANY DIETARY SUPPLEMENT INGREDIENT IS TAKEN AT THE STUDENT'S OWN RISK.

Some Examples of NJSIAA Banned Substances in Each Drug Class Do NOT RELY ON THIS LIST TO RULE OUT ANY LABEL INGREDIENT.

Stimulants

Amphetamine (Adderall); caffeine (guarana); cocaine; ephedrine; fenfluramine (Fen); methamphetamine; methylphenidate (Ritalin); phentermine (Phen); synephrine (bitter orange); methylhexaneamine, "bath salts" (mephedrone); Octopamine; DMBA; etc.

exceptions: phenylephrine and pseudoephedrine are not banned.

Anabolic Agents (sometimes listed as a chemical formula, such as 3,6,17-androstenetrione) Androstenedione; boldenone; clenbuterol; DHEA (7-Keto); epi-trenbolone; etiocholanolone; methasterone; methandienone; nandrolone; norandrostenedione; ostarine, stanozolol; stenbolone; testosterone; trenbolone; SARMS (ostarine); etc.

Alcohol and Beta Blockers

Alcohol; atenolol; metoprolol; nadolo; pindolol; propranolol; timolol; etc.

Diuretics (water pills) and Other Masking Agents

Bumetanide; chlorothiazide; furosemide; hydrochlorothiazide; probenecid; spironolactone (canrenone); triameterene; trichlormethiazide; etc.

Street Drugs

Heroin; marijuana; tetrahydrocannabinol (THC); synthetic cannabinoids (eg. spice, K2, JWH-018, JWH-073)

Peptide Hormones and Analogues

Growth hormone (hGH); human chorionic gonadotropin (hCG); erythropoietin (EPO); etc.

Anti-Estrogens

Anastrozole; tamoxifen; formestane; ATD, clomiphene; SERMS (nolvadex); etc.

Beta-2 Agonists

Bambuterol; formoterol; salbutamol; salmeterol; higenamine; norcuclaurine; etc.

ANY SUBSTANCE THAT IS CHEMICALLY RELATED TO THE CLASS, EVEN IF IT IS NOT LISTED AS AN EXAMPLE, IS ALSO BANNED! IT IS YOUR RESPONSIBILITY TO CHECK WITH THE APPROPRIATE OR DESIGNATED ATHLETICS STAFF BEFORE USING ANY SUBSTANCE.

Website Resources

- http://tinyurl.com/m2gjmvq Sudden Death in Athletes
- Hypertrophic Cardiomyopathy Association www.4hcm.org
- American Heart Association www.heart.org

Collaborating Agencies

American Academy of Pediatrics

3836 Quakerbridge Road, Suite 108 New Jersey Chapter

Hamilton, NJ 08619

(p) 609-842-0014 (f) 609-842-0015 www.aapnj.org





New Jersey Department of Education

www.heart.org

renton, NJ 08625-0500 (p) 609-292-5935 PO Box 500

www.state.nj.us/education/

New Jersey Department of Health P. O. Box 360

renton, NJ 08625-0360 www.state.nj.us/health (p) 609-292-7837

Teop

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Sudden Cardiac Death The Basic Facts on in Young Athletes





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



SUDDEN CARDIAC DEATH IN YOUNG ATHLETES

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

What is sudden cardiac death in the young athlete?

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

How common is sudden death in young

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

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

What are the most common causes?

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

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

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

blood vessels are connected to heart in an abnormal way. This differs from blockages that may the main blood vessel of the occur when people get older

(commonly called "coronary artery disease," which may lead to a heart

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

- 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 health.care 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 sporti

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).

NJ.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 AFD should be placed in

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 retriaved.

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 Concussions and other Head Injuries, please visit:

www.cdc.gov/concussion/sports/index.html

www.nfhs.com

www.ncaa.org/health-safety

www.bianj.org

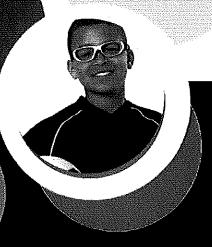
www.atsnj.org

SPORTS-RELATED

EYE INURIES:

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.

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.

³ 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.

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 and Sports

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.

State of New Jersey DEPARTMENT OF EDUCATION

HEALTH HISTORY UPDATE QUESTIONNAIRE

tudent	Age	Grade
ate of Last Physical Examination	Sport	
ince the last pre-participation physical examination, has your son/daug	hter:	
Been medically advised not to participate in a sport? If yes, describe in detail		No
2. Sustained a concussion, been unconscious or lost memory from a blow If yes, explain in detail		
3. Broken a bone or sprained/strained/dislocated any muscle or joints? If yes, describe in detail		No
4. Fainted or "blacked out?" If yes, was this during or immediately after exercise?		No
5. Experienced chest pains, shortness of breath or "racing heart?" If yes, explain	Yes_	No
6. Has there been a recent history of fatigue and unusual tiredness?	Yes	No
7. Been hospitalized or had to go to the emergency room? If yes, explain in detail		No
8. Since the last physical examination, has there been a sudden death in thunder age 50 had a heart attack or "heart trouble?"		member of the fami
9. Started or stopped taking any over-the-counter or prescribed medication If yes, name of medication(s)	ns? Yes_	No



Consent Form

For use of the Immediate Post-Concussion Assessment and Cognitive Testing (ImPACT)

I have read the attached information. I understand its contents. I have been given an opportunity to ask questions and all questions have been answered to my satisfaction. I agree to participate in the ImPACT Concussion Management Program.

Printed Name of Athlete	
Grade	
School	
Sport(s)	
Signature of Athlete	Date
Signature of Parent	Date



Dear Parent/Guardian,

Union Township Schools is currently implementing an innovative program for our student-athletes. This program will assist our team physicians/athletic trainers in evaluating and treating head injuries (e.g., concussion). In order to better manage concussions sustained by our student-athletes, we have acquired a software tool called ImPACT (Immediate Post Concussion Assessment and Cognitive Testing). ImPACT is a computerized exam utilized in many professional, collegiate, and high school sports programs across the country to successfully diagnose and manage concussions. If an athlete is believed to have suffered a head injury during competition, ImPACT is used to help determine the severity of head injury and when the injury has fully healed.

The computerized exam is given to athletes before beginning contact sport practice or competition. This non-invasive test is set up in "video-game" type format and takes about 15-20 minutes to complete. It is simple, and actually many athletes enjoy the challenge of taking the test. Essentially, the ImPACT test is a preseason physical of the brain. It tracks information such as memory, reaction time, speed, and concentration. It, however, is not an IQ test.

If a concussion is suspected, the athlete will be required to re-take the test. Both the preseason and postinjury test data is given to a local doctor or, to help evaluate the injury. The information gathered can also be shared with your family doctor. The test data will enable these health professionals to determine when returnto-play is appropriate and safe for the injured athlete. If an injury of this nature occurs to your child, you will be promptly contacted with all the details.

I wish to stress that the ImPACT testing procedures are non-invasive, and they pose no risks to your student-athlete. We are excited to implement this program given that it provides us the best available information for managing concussions and preventing potential brain damage that can occur with multiple concussions. The Union Township administration, coaching, and athletic training staffs are striving to keep your child's health and safety at the forefront of the student athletic experience. Please return the attached page with the appropriate signatures. If you have any further questions regarding this program please feel free to contact me at mberry@twpunionschools.org.

Sincerely,

Meg Berry, MS, ATC, CSCS Athletic Trainer mberry@twpunionschools.org (201)704-8706

TOWNSHIP OF UNION BOARD OF EDUCATION PARENTAL/GUARDIAN CONSENT

Student's Name:				Se	ex: M F
Last Name	Circle Conde 7		First Name	IID#	(circle one)
School:	Circle Grade: 7	83	9 10 11 12	нк#_	
I/We hereby give consent for my/our child	d to participate in	ı	(Name (of Sport)	
I/We release the school from all liability r	esulting from par	rticij	pation in this p	rogram.	
Realizing that such activity involves the I//We acknowledge that even with the equipment and strict observance of rules, injuries can be so severe as to result in that I/We have read and understand this	best coaching, injuries are still total disability, p	use a po	of the most a ossibility. On r	dvanced are occa	protective sions, these
I/We will be responsible for any athletic reimburse the school for any loss.	equipment loan	ed to	o my child by	the scho	ool and will
I/We understand that in case of injury to insurance company first.	my child, all me	dica	l bills will be s	ubmitted	d to my/our
I/We also understand that only those me group insurance are eligible for coverag certain limits.					
I/We also understand that I/We are liable procedures have been carried out.	for any medical	bills	remaining aft	er above	
Students must have a medical examinatio	n by school or fa	mily	physician.		
Parent/Guardian's Name: (Print)					
Address:		T	elephone #		
Telephone Number of Parent/Guardian d	uring day: Fatho Moth	er er			
In case of emergency, if parent/guardian	cannot be contac	ted,	notify:		
Name/Relation: (Print)			Phone:		
Student's Signature:			Date:		
Parent/Guardian's Signature:			Date:		

STUDENT/ATHLETES CLEARANCE NOTIFICATION

Dear Parents/Guardians:
When our school doctor has cleared your child to participate in athletics, the school nurse will stamp and return this form to your child for your records. Your child's physical is valid for one year.
Please provide the following information:
Student's NameID#
Sport

Each additional season requires a Health History Update form which can be downloaded from www.twpunionschools.org - go to Athletics — click on Sports Physicals.