BRIDGETON BOARD OF EDUCATION
BRIDGETON MIDDLE SCHOOL SPORTS

### Pre-Participation Physical Evaluation Packet For Student Athletes

### INSTRUCTIONS FOR COMPLETING SPORTS PHYSICAL PACKET

### STUDENT:

- 1. Circle Sport for Current Season
- 2. Sign Permission Form
- 3. Sign Health History Form
- 4. Sign & Date Use & Misuse of Opioid Drugs Fact Sheet Acknowledgement Form
- 5. Sign & Date Sudden Cardiac Death in Young Athletes Fact Sheet Acknowledgement Form

### **PARENT:**

- 1. Complete, Sign, and Date Permission Form
- 2. Complete, Sign, and Date Health History Form
- \*ALL "YES" ANSWERS MUST BE EXPLAINED OR FORM WILL BE RETURNED\*
- 3. Sign & Date Use & Misuse of Opioid Drugs Fact Sheet Acknowledgement Form
- 4. Sign & Date Sudden Cardiac Death in Young Athletes Fact Sheet Acknowledgement Form

### PHYSICIAN:

- 1. Complete Physical Evaluation Form
- 2. Sign, Date, and Stamp Front & Back of Physical Evaluation Form

### **IMPORTANT! PLEASE READ CAFEFULLY!**

RETURN COMPLETED SPORTS PHYSICAL PACKETS TO THE SCHOOL NURSE'S OFFICE.

INCOMPLETE PACKETS ARE NOT ACCEPTED AND WILL BE RETURNED TO THE STUDENT FOR COMPLETION.

ALL SPORTS PHYSICALS MUST BE CLEARED THROUGH THE SCHOOL NURSE & SCHOOL PHYSICIAN BEFORE A

STUDENT IS PERMITTED TO PARTICIPATE IN ANY OFFICIAL PRACTICE OR GAME. THE CLEARANCE PROCESS

MAY TAKE UP TO TWO WEEKS. ONCE PROCESSED, A COPY OF THE SCHOOL PHYSICIAN'S APPROVAL FORM

WILL BE SENT TO THE PARENT/GUARDIAN AND THE COACHES WILL BE NOTIFIED.



### SCHOLASTIC STUDENT-ATHLETE SAFETY ACT INFORMATION FACT SHEET FOR PARENTS/GUARDIANS

Prior to participation on a school-sponsored interscholastic or intramural athletic team or squad, each student-athlete in grades six through 12 must present a completed Preparticipation Physical Evaluation (PPE) form to the designated school staff member. Important information regarding the PPE is provided below, and you should feel free to share with your child's medical home health care provider.

- The PPE may ONLY be completed by a licensed physician, advanced practice nurse (APN)
  or physician assistant (PA) that has completed the Student-Athlete Cardiac Assessment
  professional development module. It is recommended that you verify that your medical
  provider has completed this module before scheduling an appointment for a PPE.
- The required PPE must be conducted within 365 days prior to the first official practice in an athletic season. The PPE form is available in English and Spanish at <a href="http://www.state.nj.us/education/students/safety/health/records/athleticphysicalsform.pdf">http://www.state.nj.us/education/students/safety/health/records/athleticphysicalsform.pdf</a>.
- 3. The parent/guardian must complete the History Form (page one), and insert the date of the required physical examination at the top of the page.
- 4. The parent/guardian must complete The Athlete with Special Needs: Supplemental History Form (page two), if applicable, for a student with a disability that limits major life activities, and insert the date of the required physical examination on the top of the page.
- 5. The licensed physician, APN or PA who performs the physical examination must complete the remaining two pages of the PPE, and insert the date of the examination on the Physical Examination Form (page three) and Clearance Form (page four).
- 6. The licensed physician, APN or PA must also sign the certification statement on the PPE form attesting to the completion of the professional development module. Each board of education and charter school or nonpublic school governing authority must retain the original signed certification on the PPE form to attest to the qualification of the licensed physician, APN or PA to perform the PPE.
- 7. The school district must provide written notification to the parent/guardian, signed by the school physician, indicating approval of the student's participation in a school-sponsored interscholastic or intramural athletic team or squad based upon review of the medical report, or must provide the reason(s) for the disapproval of the student's participation.
- 8. For student-athletes that had a medical examination completed more than 90 days prior to the first official practice in an athletic season, the Health History Update Questionnaire (HHQ) form must be completed, and signed by the student's parent/guardian. The HHQ must be reviewed by the school nurse and, if applicable, the school's athletic trainer. The HHQ is available at <a href="http://www.state.nj.us/education/students/safety/health/records/HealthHistoryUpdate.pdf">http://www.state.nj.us/education/students/safety/health/records/HealthHistoryUpdate.pdf</a>.

For more information, please review the Frequently Asked Questions which are available at <a href="http://www.state.nj.us/education/students/safety/health/services/athlete/faq.pdf">http://www.state.nj.us/education/students/safety/health/services/athlete/faq.pdf</a>.

R:\SHSS Unit\School Health\Sudden Cardiac Death\FINAL PD Module Broadcast memo March 10\_KAW with attachement-REVD 04-10-15 CDP-KAW.docx

### **Bridgeton Elementary School**

Department of Athletics 111 N. West Avenue Bridgeton, NJ 08302 (856) 455-8030 Ext. 1246

SPORTS PHYSICAL PERMISSION FORM SCHOOL YEAR:
Circle One:
FALL: Soccer (co-ed) / Cross Country (co-ed) / Field Hockey
WINTER: Boys Basketball / Girls Basketball / Cheerleading
SPRING: Baseball / Softball / Track (co-ed)
By signing below, I give my son/daughter permission to participate in the sport circled above. We acknowledge that we have received and reviewed the Sudden Cardiac Death in Young Athletes Pamphlet.
I understand that my son/daughter must have a sports physical done by his/her family physician prior to the first practice. This is required by the New Jersey State Department of Education N.J.A.C. 6-A:16-2.2(h).
A sports physical is valid for one calendar year. If a student's health insurance carrier will not pay for a sports' physical or your child does not have a "medical home", please contact the School Nurse.
A health questionnaire and permission form must be completed by the parent and signed for each sport in which the student participates.
It is the responsibility of the parent or guardian to complete the health questionnaire, make an appointment with your family physician and have the doctor complete and sign the required state physical examination form. Sports Physicals are accepted for 365 days from the date of the physical exam. Any forms returned by either the parents/guardian or the doctor with incomplete information (all blanks must be documented on) will be returned to the student and they will be ineligible to participate until the form is completed.
Student signature  Parents/Guardian signature
Date Phone



### NEW JERSEY STATE INTERSCHOLASTIC ATHLETIC ASSOCIATION

1161 Route 130 North, Robbinsville, NJ 08691-1104 Phone 609-259-2776 ~ Fax 609-259-3047

### **COVID-19 Questionnaire**

Name (	of Student:	Date: _	was was a second	
Parent	/Guardian Cell:	Sport: _		
COVID-	-19 Questions:		Please Cir	cle One
>	Has your son/daughter been diagnosed with Coronavirus (COVI	D-19)?	YES	NO
	• If diagnosed with Coronavirus (COVID-19), was your son/daug	hter		
	symptomatic?		YES	NO
	• If diagnosed with Coronavirus (COVID-19), was your son/daug	hter		
	hospitalized?		YES	NO
>	Has any member of the student-athlete's household been diagraph with Coronavirus (COVID-19)?	nosed	YES	NO
>	Does your son/daughter have any pre-existing medical conditionand/or are immunocompromised? (A "yes" answer will require physician's clearance)		YES	NO
Signatu	ure of Parent/Guardian:	****		

To participate in workouts during the summer recess period, the parent/guardian must complete this form. This form only needs to be completed one time. An athlete cannot participate until seven (7) days after this is submitted to the Athletic Department.

### New Jersey Department of Education Health History Update Questionnaire

Name of School:					
examination was compl	pol-sponsored interscholastic or intramural athletic team or squad, each student whose physical leted more than 90 days prior to the first day of official practice shall provide a health history update d and signed by the student's parent or guardian.				
Student:	Age: Grade:				
Date of Last Physical E	Examination: Sport:				
	ticipation physical examination, has your son/daughter:				
	sed not to participate in a sport? Yes No				
If yes, describe in de	etail:				
2. Sustained a concussi	on, been unconscious or lost memory from a blow to the head? Yes No				
If yes, explain in de	tail:				
3. Broken a bone or spi	rained/strained/dislocated any muscle or joints? Yes No				
If yes, describe in de	etail.				
4. Fainted or "blacked of If yes, was this during	out?" Yes No ng or immediately after exercise?				
5. Experienced chest pa	ains, shortness of breath or "racing heart?" Yes No				
If yes, explain					
6. Has there been a rece	ent history of fatigue and unusual tiredness? Yes No				
7. Been hospitalized or	had to go to the emergency room? Yes No				
If yes, explain in de	tail				
<del>-</del> -	al examination, has there been a sudden death in the family or has any member of the family under age				
9. Started or stopped taking any over-the-counter or prescribed medications? Yes No					
	th Coronavirus (COVID-19)? Yes No				
If diagnosed with	Coronavirus (COVID-19), was your son/daughter symptomatic? Yes No				
=	Coronavirus (COVID-19), was your son/daughter hospitalized? Yes No				
11. Has any member of	f the student-athlete's household been diagnosed with Coronavirus (COVID-19)? Yes No				
Date:	Signature of parent/guardian:				
	Please Return Completed Form to the School Nurse's Office				

ATTENTION PARENT/GUARDIAN: The preparticipation 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

### LUCTORY FORM

te of Exam			Date of birth		
me			Sport(s)		
x Age Grade Scho	DI		- Operator		
ledicines and Allergies: Please list all of the prescription and over-	he-cou	nter m	edicines and supplements (herbal and nutritional) that you are currently ta	King	
oo you have any allergies? □ Yes □ No If yes, please iden □ Medicines □ Pollens	tify spe	cific all	ergy below.   ☐ Food  ☐ Stinging Insects		
plain "Yes" answers below. Circle questions you don't know the ans	wers to		MEDICAL DIJESTIONS	Yes	No
ENERAL QUESTIONS	Yes	No	MEDICAL QUESTIONS 26. Do you cough, wheeze, or have difficulty breathing during or		ĺ
Has a doctor ever denied or restricted your participation in sports for			after exercise?		
any reason?			27. Have you ever used an inhaler or taken asthma medicine?		<b> </b> -
Do you have any ongoing medical conditions? If so, please identify below: ☐ Asthma ☐ Anemia ☐ Diabetes ☐ Infections	1		28. Is there anyone in your family who has asthma?		<u> </u>
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?			30. Do you have groin pain or a painful bulge or hernla in the groin area?		$\vdash$
HEART HEALTH QUESTIONS ABOUT YOU	Yes .	No .	31. Have you had infectious mononucleosis (mono) within the last month?		<del> </del>
5, Have you ever passed out or nearly passed out DURING or			32. Do you have any rashes, pressure sores, or other skin problems?		<del> </del>
AFTER exercise?			33. Have you had a herpes or MRSA skin infection?		
6. Have you ever had discomfort, pain, tightness, or pressure in your			34. Have you ever had a head injury or concussion?  35. Have you ever had a hit or blow to the head that caused confusion,		<del>                                     </del>
chest during exercise?  7. Does your heart ever race or skip beats (irregular beats) during exercise?			prolonged headache, or memory problems?		<u></u>
B. 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:			37. Do you have headaches with exercise?		<u> </u>
☐ High blood pressure ☐ A heart murmur			38. Have you ever had numbness, tingling, or weakness in your arms or		
☐ High cholesterol ☐ A heart infection ☐ Kawasaki disease Other:			legs after being hit or falling?		┼
9. Has a doctor ever ordered a test for your heart? (For example, ECG/EKG,			39. Have you ever been unable to move your arms or legs after being hit or falling?		
echocardiogram)  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?		<del> </del>	<ul><li>41. Do you get frequent muscle cramps when exercising?</li><li>42. Do you or someone in your family have sickle cell trait or disease?</li></ul>		+
11. Have you ever had an unexplained seizure?	<del> </del>	┼─	43. Have you had any problems with your eyes or vision?		1
12. Do you get more tired or short of breath more quickly than your friends			43. Have you had any eye injuries?		$\top$
during exercise? HEART HEALTH QUESTIONS ABOUT YOUR FAMILY	Yes	No	44. have you had any eye injuries:  45. Do you wear glasses or contact lenses?		
13. Has any family member or relative died of heart problems or had an			46. Do you wear protective eyewear, such as goggles or a face shield?		1
unexpected or unexplained sudden death before age 50 (including			47. Do you worry about your weight?		L
drowning, unexplained car accident, or sudden intant death syndrome)?	-	-	48. Are you trying to or has anyone recommended that you gain or lose weight?		
14. Dess anybne in your tamp have nyadrome, syndrome, arrhythmogenic right ventricular cardiomyopathy, long QT syndrome, short QT syndrome, Brugada syndrome, or catecholaminergic			49. Are you on a special diet or do you avoid certain types of foods?		
syndrome, snort Q1 syndrome, or bugdua syndrome, or based or polymorphic ventricular tachycardia?			50. Have you ever had an eating disorder?		
15. Does anyone in your family have a heart problem, pacemaker, or			51. Do you have any concerns that you would like to discuss with a doctor?		
implanted defibrillator?	-		FEMALES ONLY	<u>   .</u>	<u>  · ·</u>
16. Has anyone in your family had unexplained fainting, unexplained			52. Have you ever had a menstrual period?		
seizures, or near drowning? BONE AND JOINT QUESTIONS	Yes	s Ņe	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	1	一 <u>;</u>	54. How many periods have you had in the last 12 months?		
that caused you to miss a practice or a game?	-	-	Explain "yes" answers here		
18. Have you ever had any broken or fractured bones or dislocated joints?	-	-			
19. 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?	- l	$\dashv$			
21. Have you ever been told that you have or have you had an x-ray for net instability or atlantoaxial instability? (Down syndrome or dwarfism)	m				
22. Do you regularly use a brace, orthotics, or other assistive device?	-				
23. Do you have a bone, muscle, or joint injury that bothers you?					
24. Do any of your joints become painful, swollen, feel warm, or look red? 25. Do you have any history of juvenile arthritis or connective tissue disease					
	1 193	1			

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

Daw of LAMIT								
Name				Date of hirth				
Sev	Δης	Grada	Cohool					
OGA	Aye	Grade	SCHOOL	Sport(s)				
1. Type of dis	sability							
2. Date of dis								
<ol><li>Classificat</li></ol>	ion (if available)							
4. Cause of disability (birth, disease, accident/trauma, other)								
5. List the sp	orts you are interested	l in playing		,				
					Yes	No		
6. Do you regularly use a brace, assistive device, or prosthetic?								
7. Do you use any special brace or assistive device for sports?								
8. Do you have any rashes, pressure sores, or any other skin problems?								
9. Do you have a hearing loss? Do you use a hearing aid? 10. Do you have a visual impairment?								
10. Do you have a visual impairment?  11. Do you use any special devices for bowel or bladder function?								
	11. Do you use any special devices for bowel or bladder function?  12. Do you have burning or discomfort when urinating?							
	nad autonomic dysrefle							
			ermia) or cold-related (hypothermia) illne	ess?				
	ve muscle spasticity?							
16. Do you hav	e frequent seizures tha	at cannot be controlled by r	medication?					
Explain "yes" a	nswers here					!		
				,				
-								
Please indicate	if you have ever had	any of the following.						
					Yes	No		
Atlantoaxial inst	tability					NO		
X-ray evaluation	n for atlantoaxial instat	bility				110		
X-ray evaluation Dislocated joint		bility			100	NO		
X-ray evaluation Dislocated joint Easy bleeding	n for atlantoaxial instat is (more than one)	bility						
X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer	n for atlantoaxial instat is (more than one)	bility			103	no .		
X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer Hepatitis	n for atlantoaxial instat s (more than one) n	bility			103			
X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer Hepatitis Osteopenia or o	n for atlantoaxial instat s (more than one) n osteoporosis	bility			105			
X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer Hepatitis Osteopenia or o Difficulty control	n for atlantoaxial instat s (more than one) n osteoporosis olling bowel	bility						
X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer Hepatitis Osteopenia or o Difficulty control	n for atlantoaxial instates (more than one)  n osteoporosis olling bowel olling bladder							
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X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer Hepatitis Osteopenia or o Difficulty contro Numbness or tin Numbness or tin Weakness in ar Weakness in leg Recent change Recent change Spina bifida Latex allergy Explain "yes" as	n for attantoaxial instates (more than one)  n osteoporosis  solling bowel  solling bladder  ngling in arms or hand  ngling in legs or feet  ms or hands  gs or feet  in coordination  in ability to walk  nswers here	is	to the above questions are complete					
X-ray evaluation Dislocated joint Easy bleeding Enlarged spleer Hepatitis Osteopenia or o Difficulty contro Numbness or tin Numbness or tin Weakness in ar Weakness in leg Recent change Recent change Spina bifida Latex allergy Explain "yes" as	n for atlantoaxial instates (more than one)  n osteoporosis  olling bowel  olling bladder  ngling in arms or hand  ngling in legs or feet  ms or hands  gs or feet  in coordination  in ability to walk  nswers here	is	•		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.

### **B** PREPARTICIPATION PHYSICAL EVALUATION PHYSICAL FXAMINATION FORM

PHYS	SICAL	E	AMIN	IATION	A L	URIVI		Date of birth
lame							-	
PHYSICIAN REMII  Consider additional Do you feel stress Do you ever feel s Do you feel safe a Have you ever trit During the past 3 Do you drink alco Have you ever tal Have you ever tal On you wear ase Consider reviewing	questions on more sed out or under a sad, hopeless, dep it your home or reset of cigarettes, cheve to days, did you us thol or use any oth cen any supplemer a better the set of	lot of pre- ressed, or sidence? ving toba e chewing er drugs? ids or use nts to help	ssure? anxious? cco, snuff, or dip? tobacco, snuff, o d any other perfor you gain or lose	mance supplement? weight or improve y	out per	formance?	No. ago is parter to the second	
EXAMINATION		•				7 Comelo	•	
Height		Weight			sion R 2	1 Female	L 20/	Corrected □ Y □ N
BP /	(/	)	Pulse :	·	SIOII N Z	NORMAL.	T	ABNORMAL FINDINGS
MEDICAL: Appearance	·····		·					
<ul> <li>Marfan stigmata (k) arm span &gt; height,</li> <li>Eyes/ears/nose/throat</li> </ul>	hyperlaxity, myopia	arched pa , MVP, aor	late, pectus excava tic insufficiency)	tum, arachnodactyly,				
<ul><li>Pupils equal</li><li>Hearing</li></ul>					_			
Lymph nodes Heart <sup>a</sup>					$\neg \uparrow$			
Murmurs (ausculta     Location of point of	tion standing, supin f maximal impulse (	e, +/- Vals PMI)	alva)		_			
Pulses  • Simultaneous femo	oral and radial pulse	s						
Lungs								
Abdomen					$\dashv$			
Genitourinary (males Skin	only)°							
HSV, lesions sugge	estive of MRSA, tines	a corporis						
Neurologic °								
MUSCULOSKELETAL		· · · ·				``		
Neck Back							<u>.                                    </u>	
Shoulder/arm								
Elbow/forearm								
Wrist/hand/fingers								
Hip/thigh Knee								
Leg/ankle								
Foot/toes								
Functional  Duck-walk, single	e leg hop							
Consider ECG, echocard Consider GU exam if in Consider cognitive evaluation	iogram, and referral to							
☐ Cleared for all sp	orts without restrict	ion						
☐ Cleared for all sp	orts without restrict	ion with r	ecommendations fo	r further evaluation or	r treatme	ent for		
□ Not cleared	- 15 5	tion						
П.Б	nding further evalua		•					
LI HO	r any sports							
D	00000							
Recommendations								
						to the oil	alata dana nat r	recent apparent clinical contraindications to practice
participate in the s arise after the athl	sport(s) as outlined lete has been clear	d above. ed for pa	A copy of the phys rticipation, a phys	icar exam is on reco ician may rescind th	e cleara	ince until the prol	olem is resolve	and the potential consequences are completely expla
			e (APN), physician	assistant (PA) (print	t/type)			Date of exam
Address								Phone
Signature of phys	sician, APN, PA							

### ■ PREPARTICIPATION PHYSICAL EVALUATION CLEARANCE FORM

Name	bex LI M LI F Age Date of birth
☐ Cleared for all sports without restriction	
$\hfill\Box$ Cleared for all sports without restriction with recommendations for further evaluations	ation or treatment for
□ Not cleared	
☐ Pending further evaluation	
☐ For any sports	
☐ For certain sports	•
Reason	
Recommendations	
EMERGENCY INFORMATION	
Allergies	· · · · · · · · · · · · · · · · · · ·
Other information	
Other information	
HCP OFFICE STAMP	SCHOOL PHYSICIAN:
	Reviewed on
	(Date)
	Approved Not Approved
	Signature:
I have examined the above-named student and completed the prepart	injunction physical graduation. The athlete days at a constant and a
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,
(and parents/guardians).	and the potential consequences are completely explained to the athlete
	Date
	Phone
Signature of physician, APN, PA	
Completed Cardiac Assessment Professional Development Module	
DateSignature	

### USE AND MISUSE OF OPIOID DRUG FACT SHEET

STUDENT-ATHLETE AND PARENT/GUARDIAN ACKNOWLEDGEMENT FORM:

In accordance with *N.J.S.A.* 18A:40-41.10, public school districts, approved private schools for students with disabilities, and nonpublic schools participating in an interscholastic sports program must distribute this *Opioid-Use-and-Misuse-Educational Fact Sheet* 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 age 18, the parent or guardian must also sign.

I/We acknowledge that we received and reviewed the Educational Fact Sheet on the Use and Misuse of Opioid Drugs. Student Signature:\_\_\_\_\_\_ Date:\_\_\_\_\_ Parent/Guardian Signature:\_\_\_\_\_ SUDDEN CARDIAC DEATH IN YOUNG ATHLETES FACT SHEET SUDDEN CARDIAC DEATH IN YOUNG ATHLETES ACKNOWLEDGEMENT FORM: The Commissioner of Education in New Jersey, in consultation with the Commissioner of Health in New jersey, the American Heart Association and the American Academy of Pediatrics, have developed a pamphlet that provides the information about Sudden Cardiac Death to student-athletes and the parent/guardian of student-athletes. By signing below, we acknowledge that we have received and reviewed the attached pamphlet on Sudden Cardiac Death in Young Athletes. Date: \_\_\_\_\_ Student Signature: Parent/Guardian Signature:\_\_\_\_\_ **Bridgeton High School Only:** NJSIAA OPIOID VIDEO (@ www.bridgeton.k12.nj.us) NJSIAA OPIOID POLICY ACKNOWLEDGEMENT FORM: We have viewed the NJ CARES educational video on the risks of opioid use for high school athletes. We understand the NJSIAA policy that requires students, and their parents(s)/guardian(s) if a student is under the age of 18, to view this video and sign this acknowledgement. Student Signature:\_\_\_\_\_ Date:\_\_\_\_\_ Parent/Guardian Signature:\_\_\_\_\_

### **Website Resources**

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

### **Collaborating Agencies:**

(p) 609-842-0014 Hamilton, NJ 08619 3836 Quakerbridge Road, Suite 108 New Jersey Chapter American Academy of Pediatrics



American Heart Association Union Street, Suite 301

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

www.heart.org (p) 609-208-0020 Robbinsville, NJ, 08691

### **New Jersey Department of Education** PO Box 500

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



New Jersey Department of Health

www.state.nj.us/health P. O. Box 360 (p) 609-292-7837 Trenton, NJ 08625-0360



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American Heart

Association Learn and Live



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

### in the young athlete? What is sudden cardiac death

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

## How common is sudden death in young

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

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

### What are the most common causes?

unnoticed in healthy-appearing athletes. 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 by one of several cardiovascular abnormalities blood to the brain and body. This is called heart to quiver instead of pumping loss of proper heart rhythm, causing the

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

(con-JEN-it-al) (i.e., present from birth) The second most likely cause is congenital attack). disease," which may lead to a heart abnormalities of the coronary (commonly called "coronary artery occur when people get older differs from blockages that may heart in an abnormal way. This the main blood vessel of the blood vessels are connected to arteries. This means that these

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

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

### Are there warning signs to watch for?

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

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

# SUDDEN CARDIAC DEATH IN YOUNG ATHLETES

# 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

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

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.

normal screening evaluation, such as an

infection of the heart muscle from a virus.

# Why have an AED on site during sporting events?

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

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

- 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

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

# OPIOID USE AND MISUSE EDUCATIONAL FACTORIST 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. 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.<sup>2</sup>

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.<sup>3</sup> 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.<sup>3</sup> 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,<sup>4</sup> 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.

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."

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

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, non-steroidal 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.
- 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.

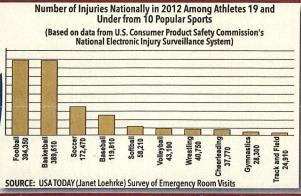




STATE OF NEW JERSEY DEPARTMENT OF HEALTH

NISIAA SPORTS MEDICAL **ADVISORY COMMITTEE** 





### 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? $^7$

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:



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



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



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



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



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.



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** <sup>1</sup> Massachusetts Technical Assistance Partnership for Prevention
  - <sup>2</sup> Centers for Disease Control and Prevention
  - <sup>3</sup> New Jersey State Interscholastic Athletic
- Association (NJSIAA) Sports Medical Advisory Committee (SMAC)
- <sup>4</sup> Athletic Management, David Csillan, athletic trainer, Ewing High School, NJSIAA SMAC
- <sup>5</sup> National Institute of Arthritis and Musculoskeletal and Skin Diseases
- <sup>6</sup> 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.



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.<sup>2</sup> 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.<sup>3</sup>

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.

<sup>&</sup>lt;sup>1</sup> 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.

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

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

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.

Return to Play and Sports

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

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.