



IESA Protocol for Implementation of NFHS Sports Playing Rule for Concussions

2017

“Any athlete who exhibits signs, symptoms, or behaviors consistent with a concussion (such as loss of consciousness, headache, dizziness, confusion, or balance problems) shall be immediately removed from the contest and shall not return to play until cleared by an appropriate health care professional.”

The above language which first appeared in all National Federation sports rule books for 2010-11 school term, reflects a strengthening of rules regarding the safety of athletes suspected of having a concussion, but not a revision in primary responsibilities in these areas. Previous rules required officials to remove any athlete from play who was “unconscious or apparently unconscious.” This revised language reflects an increasing focus on safety, given that the vast majority of concussions do not involve a loss of consciousness. However, the revised language does not create a duty that officials are expected to perform a medical diagnosis. The change in rule simply calls for officials to be cognizant of athletes who display signs, symptoms or behaviors of a concussion from the lists below and remove them from play.

Definition of a Concussion

A concussion is a traumatic brain injury that interferes with normal brain function. An athlete does not have to lose consciousness (be “knocked out”) to have suffered a concussion.

Behavior or signs observed indicative of a possible concussion

- Loss of consciousness
- Appears dazed or stunned
- Appears confused
- Forgets plays
- Unsure of game, score, or opponent
- Moves clumsily
- Answers questions slowly
- Shows behavior or personality changes
- Can't recall events prior to or after the injury

Symptoms reported by a player indicative of a possible concussion

- Headache
- Nausea
- Balance problems or dizziness
- Double or fuzzy vision
- Sensitivity to light or noise
- Feeling sluggish
- Feeling foggy or groggy
- Concentration or memory problems
- Confusion

NOTE: The persons who should be alert for such signs, symptoms, or behaviors consistent with a concussion in an athlete include appropriate health-care professionals, coaches, officials, parents, teammates, and, if conscious, the athlete him/herself.

Protocol

Background: This protocol is intended to provide the mechanics to follow during the course of contests/matches/events when an athlete sustains an apparent concussion. For the purposes of this policy, appropriate health care professionals are defined as: physicians licensed to practice medicine in all its branches in Illinois and certified athletic trainers.

Policy:

1. During the pre-game conference of coaches and officials, the official shall remind the head coaches that a school-approved appropriate health care professional (who meets the description above) will need to clear for return to play any athlete removed from a contest for an apparent head injury.
2. The officials will have no role in determining concussion other than the obvious situation where a player is unconscious or apparently unconscious as is provided for under the previous rule. Officials will merely point out to a coach that a player is apparently injured and advise the coach that the player should be examined by the school-approved health care provider.
3. If it is confirmed by the school's approved health care professional that the student did not sustain a concussion, the head coach may so advise the officials during an appropriate stoppage of play and the athlete may re-enter competition pursuant to the contest rules.
4. **Otherwise**, if an athlete can not be cleared to return to play by a school-approved health care professional as defined in this protocol, that athlete may not be returned to competition that day and is then subject to his or her school's Return to Play Protocols before the student-athlete can return to practice or competition.
5. Following the contest, a Concussion Special Report must be filed by the contest official(s) with the IESA Office through the Officials Center.
6. In cases where an assigned IESA state finals event medical professional is present, his/her decision to not allow an athlete to return to competition may not be over-ruled.

Additional information regarding concussions can be accessed on the IESA website: www.iesa.org/concussion

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Return to Play (RTP) Policy

Background: With the start of the 2010-11 school term, the National Federation of State High School Associations (NFHS) implemented a new national playing rule regarding potential head injuries. The rule requires “any player who exhibits signs, symptoms, or behaviors consistent with a concussion (such as loss of consciousness, headache, dizziness, confusion, or balance problems) shall be immediately removed from the game and shall not return to play until cleared by an appropriate health care professional.” In applying that rule in Illinois, it has been determined that only certified athletic trainers and physicians licensed to practice medicine in all its branches in Illinois can clear an athlete to return to play the day of a contest in which the athlete has been removed from the contest for a possible head injury.

In 2015, the Illinois General Assembly passed the Youth Sports Concussion Safety Act, and this legislation, among other items, required schools to develop Concussion Oversight Teams and create Return to Play (RTP) and Return to Learn (RTL) protocols that student-athletes must meet prior to their full return to athletic or classroom activity.

Mandatory Concussion Course for Coaches

Required concussion education for all athletic coaches and marching band directors is another component of the Youth Sports Concussion Safety Act passed by the Illinois General Assembly in the fall of 2015.

The IHSA/IESA program includes two video presentations and other supplementary materials that ALL interscholastic athletic coaches, marching band directors, and Concussion Oversight Team members need to review prior to taking a required exam over the curriculum. Individuals will be required to demonstrate proficiency on the exam by scoring at least 80% in order to serve as an athletic coach or marching band director at an IESA member school.

The program offers training in the subject matter of concussions, including evaluation, prevention, symptoms, risks, and longterm effects. Coaches will be able to access the program after logging into the IESA Schools Center and clicking on the Concussion Certification link, which will be located above your school's activity tracker.

For more information on the Youth Sports Concussion Safety Act, including specific requirements of the law and other concussion education providers besides IHSA or IESA, individuals can access resources:

On the IHSA website at <http://www.ihsa.org/Resources/SportsMedicine.aspx>

On the IESA website at <http://www.iesa.org/activities/concussion.asp>

For those first adopters of this training, new curriculum from the IHSA/IESA is expected to be released in March of 2018 so those whose training will expire in 2018 will be able to remain in compliance with the law.

Concussion Information Sheet

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

Symptoms may include one or more of the following:	
<ul style="list-style-type: none"> • Headaches • “Pressure in head” • Nausea or vomiting • Neck pain • Balance problems or dizziness • Blurred, double, or fuzzy vision • Sensitivity to light or noise • Feeling sluggish or slowed down • Feeling foggy or groggy • Drowsiness • Change in sleep patterns 	<ul style="list-style-type: none"> • Amnesia • “Don’t feel right” • Fatigue or low energy • Sadness • Nervousness or anxiety • Irritability • More emotional • Confusion • Concentration or memory problems (forgetting game plays) • Repeating the same question/comment
Signs observed by teammates, parents and coaches include:	
<ul style="list-style-type: none"> • Appears dazed • Vacant facial expression • Confused about assignment • Forgets plays • Is unsure of game, score, or opponent • Moves clumsily or displays in coordination • Answers questions slowly • Slurred speech • Shows behavior or personality changes • Can’t recall events prior to hit • Can’t recall events after hit • Seizures or convulsions • Any change in typical behavior or personality • Loses consciousness 	

Concussion Information Sheet

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

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

If you think your child has suffered a concussion

Any athlete even suspected of suffering a concussion should be removed from the game or practice immediately. No athlete may return to activity after an apparent head injury or concussion, regardless of how mild it seems or how quickly symptoms clear, without medical clearance. Close observation of the athlete should continue for several hours. The Return-to-Play Policy of the IESA and IHSA requires athletes to provide their school with written clearance from either a physician licensed to practice medicine in all its branches or a certified athletic trainer working in conjunction with a physician licensed to practice medicine in all its branches prior to returning to play or practice following a concussion or after being removed from an interscholastic contest due to a possible head injury or concussion and not cleared to return to that same contest. In accordance with state law, all schools are required to follow this policy.

You should also inform your child's coach if you think that your child may have a concussion. Remember it's better to miss one game than miss the whole season. And when in doubt, the athlete sits out.

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

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

Student/Parent Consent and Acknowledgements

By signing this form, we acknowledge we have been provided information regarding concussions.

Student

Student Name (Print): _____ Grade: _____

Student Signature: _____ Date: _____

Parent or Legal Guardian

Name (Print): _____

Signature: _____ Date: _____

Relationship to Student: _____

Each year IESA member schools are required to keep a signed Acknowledgement and Consent form and a current Pre-participation Physical Examination on file for all student athletes.



Pre-participation Examination



To be completed by athlete or parent prior to examination.

Name _____ School Year _____
Last First Middle

Address _____ City/State _____

Phone No. _____ Birthdate _____ Age _____ Class _____ Student ID No. _____

Parent's Name _____ Phone No. _____

Address _____ City/State _____

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 Pollens Food Stinging Insects

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

GENERAL QUESTIONS	Yes	No
1. Has a doctor ever denied or restricted your participation in sports for any reason?		
2. Do you have any ongoing medical conditions? If so, please identify below: <input type="checkbox"/> Asthma <input type="checkbox"/> Anemia <input type="checkbox"/> Diabetes <input type="checkbox"/> Infections Other: _____		
3. Have you ever spent the night in the hospital?		
4. Have you ever had surgery?		
HEART HEALTH QUESTIONS ABOUT YOU	Yes	No
5. Have you ever passed out or nearly passed out DURING or AFTER exercise?		
6. Have you ever had discomfort, pain, tightness, or pressure in your chest during exercise?		
7. Does your heart ever race or skip beats (irregular beats) during exercise?		
8. Has a doctor ever told you that you have any heart problems? If so, check all that apply: <input type="checkbox"/> High blood pressure <input type="checkbox"/> A heart murmur <input type="checkbox"/> High cholesterol <input type="checkbox"/> A heart infection <input type="checkbox"/> Kawasaki disease Other: _____		
9. Has a doctor ever ordered a test for your heart? (For example, ECG/EKG, echocardiogram)		
10. Do you get lightheaded or feel more short of breath than expected during exercise?		
11. Have you ever had an unexplained seizure?		
12. Do you get more tired or short of breath more quickly than your friends during exercise?		
HEART HEALTH QUESTIONS ABOUT YOUR FAMILY	Yes	No
13. Has any family member or relative died of heart problems or had an unexpected or unexplained sudden death before age 50 (including drowning, unexplained car accident, or sudden infant death syndrome)?		
14. Does anyone in your family have hypertrophic cardiomyopathy, Marfan syndrome, arrhythmic right ventricular cardiomyopathy, long QT syndrome, short QT syndrome, Brugada syndrome, or catecholaminergic polymorphic ventricular tachycardia?		
15. Does anyone in your family have a heart problem, pacemaker, or implanted defibrillator?		
16. Has anyone in your family had unexplained fainting, unexplained seizures, or near drowning?		
BONE AND JOINT QUESTIONS	Yes	No
17. Have you ever had an injury to a bone, muscle, ligament, or tendon that caused you to miss a practice or a game?		
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?		
21. Have you ever been told that you have or have you had an x-ray for neck instability or atlantoaxial instability? (Down syndrome or dwarfism)		
22. Do you regularly use a brace, orthotics, or other assistive device?		
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?		

MEDICAL QUESTIONS	Yes	No
26. Do you cough, wheeze, or have difficulty breathing during or after exercise?		
27. Have you ever used an inhaler or taken asthma medicine?		
28. Is there anyone in your family who has asthma?		
29. Were you born without or are you missing a kidney, an eye, a testicle (males), your spleen, or any other organ?		
30. Do you have groin pain or a painful bulge or hernia in the groin area?		
31. Have you had infectious mononucleosis (mono) within the last month?		
32. Do you have any rashes, pressure sores, or other skin problems?		
33. Have you had a herpes or MRSA skin infection?		
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, prolonged headache, or memory problems?		
36. Do you have a history of seizure disorder?		
37. Do you have headaches with exercise?		
38. Have you ever had numbness, tingling, or weakness in your arms or legs after being hit or falling?		
39. Have you ever been unable to move your arms or legs after being hit or falling?		
40. Have you ever become ill while exercising in the heat?		
41. Do you get frequent muscle cramps when exercising?		
42. Do you or someone in your family have sickle cell trait or disease?		
43. Have you had any problems with your eyes or vision?		
44. Have you had any eye injuries?		
45. Do you wear glasses or contact lenses?		
46. Do you wear protective eyewear, such as goggles or a face shield?		
47. Do you worry about your weight?		
48. Are you trying to or has anyone recommended that you gain or lose weight?		
49. Are you on a special diet or do you avoid certain types of foods?		
50. Have you ever had an eating disorder?		
51. Have you or any family member or relative been diagnosed with cancer?		
52. Do you have any concerns that you would like to discuss with a doctor?		
FEMALES ONLY	Yes	No
53. Have you ever had a menstrual period?		
54. How old were you when you had your first menstrual period?		
55. How many periods have you had in the last 12 months?		

Explain "yes" answers here

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

Signature of athlete _____ Signature of parent/guardian _____ Date _____



Pre-participation Examination

**PHYSICAL EXAMINATION FORM**

Name _____

Last

First

Middle

EXAMINATION		
Height _____	Weight _____	<input type="checkbox"/> Male <input type="checkbox"/> Female
BP _____ / _____ (_____ / _____)	Pulse _____	Vision R 20/ _____ L 20/ _____ Corrected <input type="checkbox"/> Y <input type="checkbox"/> N
MEDICAL	NORMAL	ABNORMAL FINDINGS
Appearance • Marfan stigmata (kyphoscoliosis, high-arched palate, pectus excavatum, arachnodactyly, arm span > height, hyperlaxity, myopia, MVP, aortic insufficiency)		
Eyes/ears/nose/throat • Pupils equal • Hearing		
Lymph nodes		
Heart ^a • Murmurs (auscultation standing, supine, +/- Valsalva) • Location of point of maximal impulse (PMI)		
Pulses • Simultaneous femoral and radial pulses		
Lungs		
Abdomen		
Genitourinary (males only) ^b		
Skin • HSV, lesions suggestive of MRSA, tinea corporis		
Neurologic ^c		
MUSCULOSKELETAL		
Neck		
Back		
Shoulder/arm		
Elbow/forearm		
Wrist/hand/fingers		
Hip/thigh		
Knee		
Leg/Ankle		
Foot/toes		
Functional • Duck-walk, single leg hop		

^aConsider ECG, echocardiogram, and referral to cardiology for abnormal cardiac history or exam.

^bConsider GU exam if in private setting. Having third party present is recommended.

^cConsider cognitive evaluation or baseline neuropsychiatric testing if a history of significant concussion.

On the basis of the examination on this day, I approve this child's participation in interscholastic sports for 395 days from this date.

Yes _____ No _____ Limited _____ Examination Date _____

Additional Comments:

Physician's Signature _____ Physician's Name _____

Physician's Assistant Signature* _____ PA's Name _____

Advanced Nurse Practitioner's Signature* _____ ANP's Name _____

*effective January 2003, the IHSA Board of Directors approved a recommendation, consistent with the Illinois School Code, that allows Physician's Assistants or Advanced Nurse Practitioners to sign off on physicals.