**CONCUSSION INFORMATION**

***(Keep this page for your family records)***

**Introduction**

A concussion is a type of traumatic brain injury that interferes with normal function of the brain. It occurs when the brain is rocked back and forth or twisted inside the skull as a result of a blow to the head or body. What may appear to be only a mild jolt or blow to the head or body can result in a concussion.

The understanding of sports-related concussion has evolved dramatically in recent years. We now know that young athletes are particularly vulnerable to the effects of a concussion. Once considered little more than a “ding” on the head, it is now understood that a concussion has the potential to result in short or long-term changes in brain function, or in some cases, death.

**What is a concussion?**

You’ve probably heard the terms “ding” and “bell-ringer.” These terms were once used to refer to minor head injuries and thought to be a normal part of sports. There is no such thing as a minor brain injury. Any suspected concussion must be taken seriously. A concussion is caused by a bump, blow, or jolt to the head or body. Basically, any force that is transmitted to the head causes the brain to literally bounce around or twist within the skull, potentially resulting in a concussion.

**Recognition and Management**

If an athlete exhibits any signs, symptoms, or behaviors that make you suspicious that he or she may have had a concussion, that athlete must be removed from all physical activity, including sports and recreation. Continuing to participate in physical activity after a concussion can lead to worsening concussion symptoms, increased risk for further injury, and even death.

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| **SYMPTOMS REPORTED BY ATHLETE** |
| * 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 |

Parents and coaches are not expected to be able to “diagnose” a concussion. That is the role of an appropriate health-care professional. However, you must be aware of the signs, symptoms and behaviors of a possible concussion, and if you suspect that an athlete may have a concussion, then he or she must be immediately removed from all physical activity.

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| **SIGNS OBSERVED BY PARENTS, FRIENDS, TEACHERS OR COACHES** |
| * Appears dazed or stunned |
| * Is confused about what to do |
| * Forgets plays |
| * Is unsure of game, score, or opponent |
| * Moves clumsily |
| * Answers questions slowly |
| * Loses consciousness |
| * Shows behavior or personality changes |
| * Can’t recall events prior to hit |
| * Can’t recall events after hit |

**When you suspect that a player has a concussion, follow the “Heads Up” 4-step Action Plan.**

1. ***1. Remove the athlete from play.***
2. ***2. Ensure that the athlete is evaluated by an appropriate health-care professional.***
3. ***3. Inform the athlete’s parents or guardians about the possible concussion and***
4. ***give them information on concussion.***
5. ***4. Keep the athlete out of play the day of the injury and until an appropriate health-***
6. ***care professional says he or she is symptom-free and gives the okay to return***
7. ***to activity.***

The signs, symptoms, and behaviors of a concussion are not always apparent immediately after a bump, blow, or jolt to the head or body and may develop over a few hours. An athlete should be observed following a suspected concussion and should never be left alone.

A repeat concussion that occurs before the brain has a chance to recover from the first can slow recovery or increase the chance for long-term problems. In rare cases, a repeat concussion can result in severe swelling and bleeding in the brain that can be fatal.

**Cognitive Rest**

A concussion can interfere with school, work, sleep and social interactions. Many athletes who have a concussion will have difficulty in school with short- and long-term memory, concentration and organization. These problems typically last no longer than a week or two, but for some these difficulties may last for months. It is best to lessen the student’s class load early on after the injury. Most students with concussion recover fully. However, returning to sports and other regular activities too quickly can prolong the recovery.

The first step in recovering from a concussion is rest. Rest is essential to help the brain heal. Students with a concussion need rest from physical and mental activities that require concentration and attention as these activities may worsen symptoms and delay recovery. Exposure to loud noises, bright lights, computers, video games, television and phones (including texting) all may worsen the symptoms of concussion. As the symptoms lessen, increased use of computers, phone, video games, etc., may be allowed.

**Return to Play**

After suffering a concussion, **no athlete should return to play or practice on that same day**. Previously, athletes were allowed to return to play if their symptoms resolved within 15 minutes of the injury. Newer studies have shown us that the young brain does not recover quickly enough for an athlete to return to activity in such a short time.

Once an athlete no longer has signs, symptoms, or behaviors of a concussion **and is cleared to return to activity by a health-care professional**, he or she should proceed in a step-wise fashion to allow the brain to re-adjust to exercise. In most cases, the athlete will progress one step each day. The return to activity program schedule mayproceed as below **following medical clearance**:

***Progressive Physical Activity Program***

* *Step 1*: Light aerobic exercise- 5 to 10 minutes on an exercise bike or light jog; no weight lifting, resistance training, or any other exercises.
* *Step 2*: Moderate aerobic exercise- 15 to 20 minutes of running at moderate intensity in the gym or on the field without a helmet or other equipment.
* *Step 3*: Non-contact training drills in full uniform. May begin weight lifting, resistance training, and other exercises.
* *Step 4*: Full contact practice or training.
* *Step 5*: Full game play.

***If symptoms of a concussion re-occur, or if concussion signs and/or behaviors are observed at any time during the return to activity program, the athlete must discontinue all activity and be re-evaluated by their health care provider.***

**Concussion in the Classroom**

Following a concussion, many athletes will have difficulty in school. These problems may last from days to months and often involve difficulties with short- and long-term memory, concentration, and organization. In many cases, it is best to lessen the student’s class load early on after the injury. This may include staying home from school for a few days, followed by a lightened schedule for a few days, or longer, if necessary. Decreasing the stress on the brain early on after a concussion may lessen symptoms and shorten the recovery time.

**What to do in an Emergency**

Although rare, there are some situations where you will need to call 911 and activate the Emergency Medical System (EMS). The following circumstances are medical emergencies:

1. 1. Any time an athlete has a loss of consciousness of any duration. While loss of consciousness is not required for a concussion to occur, it may indicate more serious brain injury.
2. 2. If an athlete exhibits any of the following: decreasing level of consciousness, looks very drowsy or cannot be awakened, if there is difficulty getting his or her attention, irregularity in breathing, severe or worsening headaches, persistent vomiting, or any seizures.

**Additional Resources**

1. **Heads Up: Concussion in High School Sports** <http://www.cdc.gov/concussion/headsup/high_school.html>

**2) Concussions in Sports- What you need to know**. <http://www.nfhslearn.com/electiveDetail.aspx?courseID=15000>

**Receipt of Concussion Management Information 2023-2024**

***\*must be signed and returned to the NRHEG Panther Youth Wrestling Club BEFORE participation in any club wrestling practice or competition***

***\*One (1) Receipt of Concussion Management Information 2023-2024 sheet must be received for EACH wrestler in your family.***

**We the student and parent, have read, understand and acknowledge receiving the Concussion Management information provided by NRHEG Panther Youth Wrestling Club. By participating in the NRHEG Panther Youth Wrestling Club, we also assume the risk of injury. The following student is insured by parents and has permission to participate in the NRHEG Panther Youth Wrestling Club for the 2023-2024 season.**

**Student wrestler name (printed) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gr. \_\_\_\_\_\_\_ Age\_\_\_\_\_\_**

**Student wrestler signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**( signature) (date)**

**Parent Name (printed) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Phone Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(signature) (date)**

Health or Physical Concerns or Conditions Coaches should know about: