



Participation Liability Waiver Form (under 18)

Participant's Name _____

Address _____
(City) (State) (Zip)

Parent/Guardian's Name _____

Parent email address _____

Parent/Guardian's Phone _____ Emergency Phone _____

LIABILITY WAIVER: I am aware that participation in Ward Hardwood Hoops LLC and/or attendance at the property has some inherent risks to my or my child's personal safety and injury or illness can occur. On rare occasions, these injuries can be serious and even life threatening. I agree that it is solely my responsibility to insure that my child's health is adequate and my child's capabilities are sufficient to participate. In consideration of my child participating at Ward Hardwood Hoops LLC, I, the parent/guardian, voluntarily assume the risk of all injuries caused by or resulting from my child participating in Ward Hardwood Hoops LLC or associated with attendance, and by signing RELEASE AND COVENANT NOT TO SUE, for myself, my child, my heirs, legal representatives, executors and assigns, Ward Hardwood Hoops LLC, the owner, manager, coaches, assistant coaches, trainers, employees, agents or volunteers for any and all injuries or damages caused by or resulting from participating in Ward Hardwood Hoops LLC or attendance at the property, and hereby release and waive any and all liability, claims, demands, actions and causes of action whatsoever arising out of any physical injuries, losses or damages or property losses or damages associated with participation in Ward Hardwood Hoops LLC, any equipment, services and activities located at the property and attendance at the property.

I understand that there is no medical personnel present at the facility/property and in the event of an emergency or accident, I am solely responsible for medical care for my child and for myself, and all costs and charges associated with the same, and any medical conditions that may put my child at greater risk of injury or death as a result of participation in Ward Hardwood Hoops LLC or attendance at the property.

I hereby indemnify and hold harmless, and unconditionally release and forever discharge Ward Hardwood Hoops LLC, the owner, manager, coaches, assistant coaches, trainers, employees, agents or volunteers from all liability for any claims, demands, injuries, including death, or damages, whatsoever, to me, my child, or my property arising out of or connected with such participation or attendance, or the use of any of the services, equipment or facilities of Ward Hardwood Hoops LLC or the premises where the same are located.

I authorize my child to be photographed and give permission for those photographs to be used to publicize activities for Ward Hardwood Hoops LLC, including, but not limited to, use of the photographs on social media.

_____ (INITIAL HERE)

I have read this WAIVER, RELEASE AND COVENANT NOT TO SUE and understand all of its terms. I execute it voluntarily and with full knowledge of its significance. All participants must complete and sign this form. Participants under the age of 18 must have their parent/guardian's signature.

Participant Name

Participant Signature Date

Parent/Guardian Name

Parent/Guardian Signature Date



Participation Liability Waiver Form (over 18)

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Address _____
(City) (State) (Zip)

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Participant Name

Participant Signature

Date

Concussion

INFORMATION SHEET



This sheet has information to help protect your children or teens from concussion or other serious brain injury. Use this information at your children's or teens' games and practices to learn how to spot a concussion and what to do if a concussion occurs.


What Is a Concussion?

A concussion is a type of traumatic brain injury—or TBI—caused by a bump, blow, or jolt to the head or by a hit to the body that causes the head and brain to move quickly back and forth. This fast movement can cause the brain to bounce around or twist in the skull, creating chemical changes in the brain and sometimes stretching and damaging the brain cells.

How Can I Help Keep My Children or Teens Safe?

Sports are a great way for children and teens to stay healthy and can help them do well in school. To help lower your children's or teens' chances of getting a concussion or other serious brain injury, you should:

- Help create a culture of safety for the team.
 - Work with their coach to teach ways to lower the chances of getting a concussion.
 - Talk with your children or teens about concussion and ask if they have concerns about reporting a concussion. Talk with them about their concerns; emphasize the importance of reporting concussions and taking time to recover from one.
 - Ensure that they follow their coach's rules for safety and the rules of the sport.
 - Tell your children or teens that you expect them to practice good sportsmanship at all times.
- When appropriate for the sport or activity, teach your children or teens that they must wear a helmet to lower the chances of the most serious types of brain or head injury. However, there is no "concussion-proof" helmet. So, even with a helmet, it is important for children and teens to avoid hits to the head.

 **Plan ahead.** What do you want your child or teen to know about concussion?

How Can I Spot a Possible Concussion?

Children and teens who show or report one or more of the signs and symptoms listed below—or simply say they just "don't feel right" after a bump, blow, or jolt to the head or body—may have a concussion or other serious brain injury.

Signs Observed by Parents or Coaches

- Appears dazed or stunned
- Forgets an instruction, is confused about an assignment or position, or is unsure of the game, score, or opponent
- Moves clumsily
- Answers questions slowly
- Loses consciousness (even briefly)
- Shows mood, behavior, or personality changes
- Can't recall events *prior to* or *after* a hit or fall

Symptoms Reported by Children and Teens

- Headache or "pressure" in head
- Nausea or vomiting
- Balance problems or dizziness, or double or blurry vision
- Bothered by light or noise
- Feeling sluggish, hazy, foggy, or groggy
- Confusion, or concentration or memory problems
- Just not "feeling right," or "feeling down"

Talk with your children and teens about concussion. Tell them to report their concussion symptoms to you and their coach right away. Some children and teens think concussions aren't serious, or worry that if they report a concussion they will lose their position on the team or look weak. Be sure to remind them that *it's better to miss one game than the whole season.*



CONCUSSIONS AFFECT EACH CHILD AND TEEN DIFFERENTLY.

While most children and teens with a concussion feel better within a couple of weeks, some will have symptoms for months or longer. Talk with your children's or teens' healthcare provider if their concussion symptoms do not go away, or if they get worse after they return to their regular activities.

What Are Some More Serious Danger Signs to Look Out For?

In rare cases, a dangerous collection of blood (hematoma) may form on the brain after a bump, blow, or jolt to the head or body and can squeeze the brain against the skull. Call 9-1-1 or take your child or teen to the emergency department right away if, after a bump, blow, or jolt to the head or body, he or she has one or more of these danger signs:

- One pupil larger than the other
- Drowsiness or inability to wake up
- A headache that gets worse and does not go away
- Slurred speech, weakness, numbness, or decreased coordination
- Repeated vomiting or nausea, convulsions or seizures (shaking or twitching)
- Unusual behavior, increased confusion, restlessness, or agitation
- Loss of consciousness (passed out/knocked out). Even a brief loss of consciousness should be taken seriously

Children and teens who continue to play while having concussion symptoms, or who return to play too soon—while the brain is still healing—have a greater chance of getting another concussion. A repeat concussion that occurs while the brain is still healing from the first injury can be very serious, and can affect a child or teen for a lifetime. It can even be fatal.

What Should I Do If My Child or Teen Has a Possible Concussion?

As a parent, if you think your child or teen may have a concussion, you should:

1. Remove your child or teen from play.
2. Keep your child or teen out of play the day of the injury. Your child or teen should be seen by a healthcare provider and only return to play with permission from a healthcare provider who is experienced in evaluating for concussion.
3. Ask your child's or teen's healthcare provider for written instructions on helping your child or teen return to school. You can give the instructions to your child's or teen's school nurse and teacher(s) and return-to-play instructions to the coach and/or athletic trainer.

Do not try to judge the severity of the injury yourself. Only a healthcare provider should assess a child or teen for a possible concussion. Concussion signs and symptoms often show up soon after the injury. But you may not know how serious the concussion is at first, and some symptoms may not show up for hours or days.

The brain needs time to heal after a concussion. A child's or teen's return to school and sports should be a gradual process that is carefully managed and monitored by a healthcare provider.

To learn more, go to [cdc.gov/HEADSUP](https://www.cdc.gov/HEADSUP)



Discuss the risks of concussion and other serious brain injuries with your child or teen, and have each person sign below.

Detach the section below, and keep this information sheet to use at your children's or teens' games and practices to help protect them from concussion or other serious brain injuries.

- I learned about concussion and talked with my parent or coach about what to do if I have a concussion or other serious brain injury.

Athlete's Name Printed: _____ Date: _____

Athlete's Signature: _____

- I have read this fact sheet for parents on concussion with my child or teen, and talked about what to do if they have a concussion or other serious brain injury.

Parent or Legal Guardian's Name Printed: _____ Date: _____

Parent or Legal Guardian's Signature: _____

CARING FOR Your Child's Concussion

Your child was seen today for a concussion. Use this handout to help you watch for changes in how your child is feeling or acting, and to help your child feel better.



WHAT IS A CONCUSSION?

A concussion is a type of traumatic brain injury from a bump, blow, or jolt to the head or body that causes:



The head and brain to move quickly back and forth.



The brain to bounce or twist in the skull from this sudden movement.



Chemical changes in the brain, and sometimes stretching and damage to the brain cells.

HOW WILL MY CHILD FEEL?

Concussion symptoms may appear during the normal healing process, and will generally improve over time. Most people with a concussion feel better within a couple of weeks. Some symptoms may appear right away, while other symptoms may not appear for hours or days after the injury. Your child may not realize they have some symptoms until they try to do their usual activities. You may notice changes before your child does. If there are any symptoms that concern you, or are getting worse, your child may need immediate care. Be sure to talk with your child's doctor.



Schedule a follow up appointment with your child's doctor.

Here are symptoms your child may have:



PHYSICAL

- Bothered by light or noise
- Dizziness or balance problems
- Feeling tired, no energy
- Headaches
- Nausea or vomiting (early on)
- Vision problems



THINKING OR REMEMBERING

- Attention or concentration problems
- Feeling slowed down
- Foggy or groggy
- Problems with short- or long-term memory
- Trouble thinking clearly



SOCIAL OR EMOTIONAL

- Anxiety or nervousness
- Irritability or easily angered
- Feeling more emotional
- Sadness



SLEEP

- Sleeping less than usual
- Sleeping more than usual
- Trouble falling asleep



WHAT STEPS CAN I TAKE TO HELP MY CHILD FEEL BETTER?



1

REST RIGHT AFTER THE INJURY

Take it easy the first few days after the injury when symptoms are more severe.

- Early on, limit physical and cognitive (thinking or remembering) activities to avoid causing symptoms to worsen.
- Get a good night's sleep, and take naps during the day as needed.
- Find relaxing activities at home (such as reading, drawing, and playing with toys). Avoid activities that put your child at risk for another injury to the head and brain throughout the course or recovery.

2

WITHIN A FEW DAYS

As your child starts to feel better (and within a few days after the injury), he or she can gradually return to regular (non-strenuous) activities.

- Return to school gradually. If symptoms do not worsen during an activity, then this activity is OK for your child. If symptoms worsen, cut back on that activity until it is tolerated.
- Encourage outside time, such as taking short walks.
- Get maximum nighttime sleep. **Tips:** Avoid screen time and loud music before bed, sleep in a dark room, and keep to a fixed bedtime and wake up schedule.
- Reduce daytime naps, or return to a regular daytime nap schedule (as appropriate for their age).

3

WHEN SYMPTOMS ARE NEARLY GONE

When symptoms are mild and nearly gone, return to most regular activities.

- Have your child take breaks if their concussion symptoms worsen.
- Return to a regular school schedule.
- Encourage outside time, such as taking a walk or short bike ride and playground time.

4

BACK TO REGULAR NON-SPORTS ACTIVITIES

Recovery from a concussion is when your child is able to do all of their regular activities without experiencing any concussion symptoms.

- If you notice any changes or a return of symptoms, be sure to contact your child's doctor.
- With the OK from their doctor, your child may begin a return to sports process. Be sure to ask for instructions and share this information with your child's coach and athletic trainer (when available).

Other tips:

- Ask your child's doctor about over-the-counter or prescription medications that are safe to take during recovery to help with symptoms (for example, ibuprofen or acetaminophen for headaches).
- Limit the number of soft drinks or caffeinated items to help your child get enough rest.

WHEN CAN MY CHILD RETURN TO SCHOOL?

Your child may need to take a short time off from school (or work, if relevant). Ask the doctor for written instructions about when your child can safely return to school, work, and other activities, such as riding a bike or driving a car.

For a short time after a concussion, your child may need support, such as:



Rest breaks



Fewer hours at school or work



More time to take tests or complete tasks



Less screen time and time spent reading and writing

If your child is having a difficult recovery, talk with your child's school or employer about support services that may be available. For most people, only short-term changes or support services are needed as they recover from a concussion.

If symptoms persist, talk with your child's doctor about formal support services they recommend. If the injury was work-related, make sure your child reports it right away to their employer and their workers' compensation office.



WHEN CAN MY CHILD RETURN TO SPORTS AND RECREATIONAL ACTIVITIES?

Your child should **not** return to sports and recreational activities:



On the same day of the injury.

AND



Until they get the OK from a doctor with experience evaluating concussion.

Ask your child's doctor for written instructions about when your child can safely return to sports. Getting approval from a doctor to return to play is important since playing with a concussion may slow recovery. A repeat concussion that occurs before the brain has fully healed can increase the chance for long-term problems.

While rare, teens are at greater risk of suffering a severe brain injury when a repeat concussion occurs before the brain has fully healed. It can even be fatal.

Your child's doctor should carefully manage and monitor the process of returning to sports and activities. When available, the athletic trainer for your child's sports program or school should be involved.

WHAT IF I DON'T FEEL LIKE MY CHILD IS GETTING BETTER?



If you do not feel like your child is getting better, talk with his or her doctor. Keep track of your child's concussion symptoms, and share them with the doctor. This may help the doctor identify the best treatment for your child's symptoms. You may also need to take your child to see a specialist experienced in treating brain injuries. Ask your child's doctor for names of brain injury specialists in your area.

WHAT ARE THE SIGNS OF A MORE SERIOUS BRAIN INJURY?

After your child's concussion, call 9-1-1 if your child develops:

- A headache that gets worse and does not go away
- Significant nausea or repeated vomiting
- Unusual behavior, increased confusion, restlessness, or agitation
- Drowsiness or inability to wake up
- Slurred speech, weakness, numbness, or decreased coordination
- Convulsions or seizures (shaking or twitching)
- Loss of consciousness (passing out)



WHERE CAN I LEARN MORE ABOUT CONCUSSION?

Information in this handout is based on *CDC's Guideline on the Diagnosis and Management of Mild Traumatic Brain Injury Among Children*. More information on the Guideline and concussion, as well as tips to help your child feel better, information about returning to school, and the return-to-play process can be found at www.cdc.gov/HEADSUP.

The information provided in this handout is not a substitute for medical or professional care. Questions about diagnosis and treatment for a concussion should be directed to your child's healthcare provider.

A FACT SHEET FOR Youth Sports Coaches



CDC HEADS UP
SAFE BRAIN. STRONGER FUTURE.

Below is information to help youth sports coaches protect athletes from concussion or other serious brain injury, and to help coaches know what to do if a concussion occurs.

What is a concussion?

A concussion is a type of traumatic brain injury caused by a bump, blow, or jolt to the head or by a hit to the body that causes the head and brain to move quickly back and forth. This fast movement can cause the brain to bounce around or twist in the skull, creating chemical changes in the brain and sometimes stretching and damaging brain cells.

What is a subconcussive head impact?

A subconcussive head impact is a bump, blow, or jolt to the head that *does not* cause symptoms. This differs from concussions, which *do* cause symptoms. A collision while playing sports is one way a person can get a subconcussive head impact. Studies are ongoing to learn about subconcussive head impacts and how these impacts may or may not affect the brain of young athletes.

How can I keep athletes safe?

As a youth sports coach, your actions can help lower an athlete's chances of getting a concussion or other serious injury. Aggressive or unsportsmanlike behavior among athletes can increase their chances of getting a concussion or other serious injury.³ Here are some ways you can help:

Talk with athletes about concussion:

- Set time aside throughout the season to talk about concussion.
- Ask athletes about any concerns they have about reporting concussion symptoms.
- Remind athletes that safety comes first and that you expect them to tell you and their parent(s) if they think they have experienced a bump, blow, or jolt to their head and “don’t feel right.”

Focus on safety at games and practices:

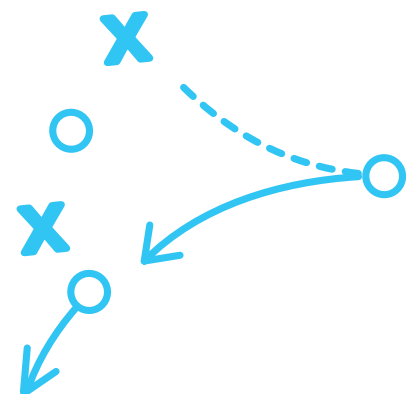
- Teach athletes ways to lower the chances of getting a hit to the head.
- Enforce rules that limit or remove the risk of head impacts.
- Tell athletes that good sportsmanship is expected at all times, both on and off the field.
- Bring emergency contact information for parents and healthcare providers to each game and practice in case an athlete needs to be seen right away for a concussion or other serious injury.

Multiple concussions

Athletes who have ever had a concussion have a higher chance of getting another concussion. A repeat concussion can lead to more severe symptoms and longer recovery.^{1,2}

Coach's to-do list:

- ✓ Talk with athletes about concussion.
- ✓ Teach athletes ways to lower their chances of getting a hit to the head.
- ✓ Encourage concussion reporting among your athletes.
- ✓ Know what to do if you think an athlete has a concussion.
- ✓ Learn how to help an athlete safely return to play after a concussion.



Make sure athletes do not perform these unsafe actions:

- Use their head or helmet to contact another athlete.
- Make illegal contact or check, tackle, or collide with an unprotected opponent.
- Try to injure another athlete.

Stay up to date on concussion information:

- Review your state, league, and organization's concussion plans and rules.
- Take a training course on concussion. The Centers for Disease Control and Prevention (CDC) offers free concussion training at [cdc.gov/HEADSUP](https://www.cdc.gov/HEADSUP).
- Download CDC's HEADS UP app or another resource that provides a list of concussion signs and symptoms.

Check equipment and sports facilities:

- Make sure all athletes wear a helmet that is appropriate for the sport or activity; ensure that the helmet fits well and is in good condition.
- Work with the game or event manager to fix any concerns, such as tripping hazards or goal posts without proper padding.

One study found that nearly 70% of athletes continued to play with concussion symptoms.⁴



How can I spot a possible concussion?

Athletes who show or report one or more of the signs and symptoms listed below—or who simply say they just “don’t feel right”—after a bump, blow, or jolt to the head or body may have a concussion or other serious brain injury. Concussion signs and symptoms often show up soon after the injury, but it can be hard to tell how serious the concussion is at first. Some symptoms may not show up for hours or days.

Signs coaches or parents may observe:

- Seems confused
- Forgets an instruction or is unsure of the game, position, score, or opponent
- Moves clumsily
- Answers questions slowly or repeats questions
- Can't remember events before or after the hit, bump, or fall
- Loses consciousness (even for a moment)
- Has behavior or personality changes

Symptoms athletes may report:

- Headache
- Nausea or vomiting
- Dizziness or balance problems
- Bothered by light or noise
- Feeling foggy or groggy
- Trouble concentrating or problems with short- or long-term memory
- Does not “feel right”

Signs of a more serious brain injury

In rare cases, a concussion can cause dangerous bleeding in the brain, which puts pressure on the skull. Call 9-1-1 if an athlete develops one or more of these danger signs after a bump, blow, or jolt to the head or body:

- A headache that gets worse and does not go away
- Significant nausea or repeated vomiting
- Unusual behavior, increased confusion, restlessness, or agitation
- Drowsiness or inability to wake up
- Slurred speech, weakness, numbness, or decreased coordination
- Convulsions or seizures (shaking or twitching)
- Loss of consciousness (passing out)

Some athletes may not report a concussion because they don't think a concussion is serious.

They may also worry about:

- Losing their position on the team or losing playing time during a game,
- Putting their future sports career at risk,
- Looking weak,
- Letting down their teammates or the team, and/or
- What their coach or teammates think of them.⁵⁻⁷

What should I do if an athlete has a possible concussion?

As a coach, if you think an athlete may have a concussion, you should:

Remove the athlete from play.

When in doubt, sit them out! Record and provide details on the following information to help the healthcare provider or first responders assess the athlete after the injury:

- Cause of the injury and force of the hit or blow to the head or body
- Any loss of consciousness (passed out) and for how long
- Any memory loss right after the injury
- Any seizures right after the injury
- Number of previous concussions (if any)

Keep an athlete with a possible concussion out of play on the same day of the injury and until cleared by a healthcare provider.

Do not try to judge the severity of the injury yourself. Only a healthcare provider should assess an athlete for a possible concussion and decide when it is safe for the athlete to return to play.

Inform the athlete's parent(s) about the possible concussion.

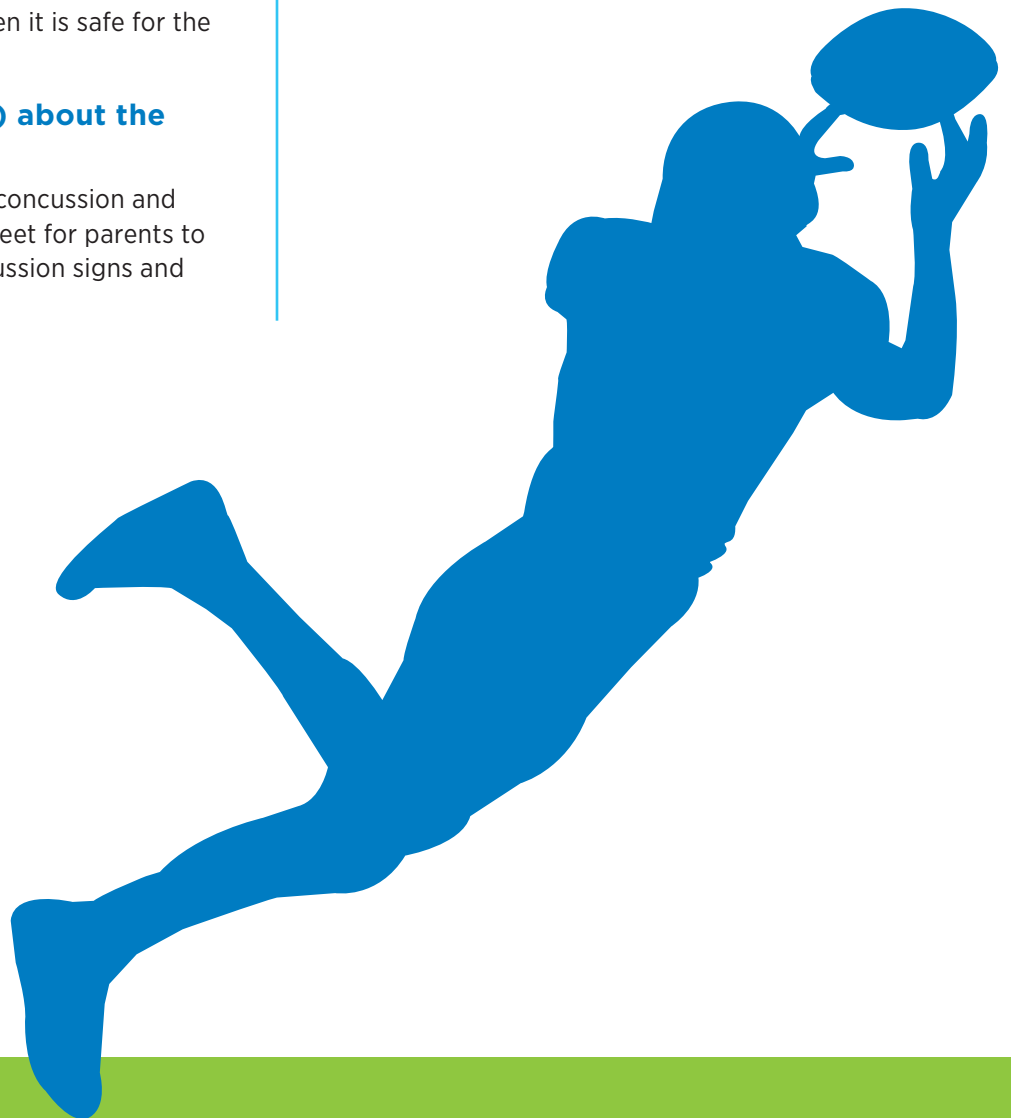
Let parents know about the possible concussion and give them the CDC HEADS UP fact sheet for parents to help them watch the athlete for concussion signs and symptoms at home.

Ask for written instructions from the athlete's healthcare provider on return to play.

This should include information about when the athlete can return to play and steps you should take to help the athlete safely return to play. Athletes who continue to play while having concussion symptoms have a greater chance of getting another concussion. A repeat concussion that occurs before the brain has fully healed can be very serious and can increase the chance for long-term problems. It can even be fatal.

Offer support during recovery.

An athlete may feel frustrated, sad, angry, or lonely while recovering from a concussion. Talk with them about it, and allow an athlete recovering from a concussion to stay in touch with their teammates, such as cheering on their team at practices and competitions.



What steps should I take to help an athlete return to play?

An athlete's return to school and sports should be a gradual process that is approved and carefully managed and monitored by a healthcare provider. When available, be sure to also work closely with your team's certified athletic trainer.

There are six gradual steps to help an athlete safely return to play. These steps should not be done in one day, but instead over days, weeks, or months. **An athlete should move to the next step only if they do not have any new symptoms at the current step.**

Step 1: Return to non-sports activities, such as school, with a greenlight from the healthcare provider to begin the return-to-play process

Step 2: Light aerobic exercise

- Goal: Increase the athlete's heart rate
- Activities: Slow to medium walking or light stationary cycling

Step 3: Sport-specific exercise

- Goal: Add movement
- Activities: Running or skating drills; no activities with risk for contact

Step 4: Non-contact training drills

- Goal: Increase exercise, coordination, and thinking
- Activities: Harder training drills and progressive resistance training

Step 5: Full-contact practice

- Goal: Restore confidence and have coaching staff assess functional skills
- Activities: Normal training activities

Step 6: Return to regular sports activity

Remember: It is important for you and the athlete's parent(s) to watch for concussion symptoms after each day's activities, particularly after each increase in activity. If an athlete's concussion symptoms come back, or if he or she gets new symptoms when becoming more active at any step, this is a sign that the athlete is working too hard. The athlete should stop these activities, and the athlete's parent should contact the healthcare provider. After the athlete's healthcare provider says it is okay, the athlete can begin at the step before the symptoms started.



1. Chrisman SPD, Lowry S, Herring SA, et al. Concussion incidence, duration, and return to school and sport in 5- to 14-year-old American football athletes. *J Pediatr*. 2019;207:176-184. doi:10.1016/j.jpeds.2018.11.003.

2. Guskiewicz KM, McCrea M, Marshall SW, et al. Cumulative effects associated with recurrent concussion in collegiate football players: the NCAA Concussion Study. *JAMA*. 2003;290(19):2549-2555.

3. Collins CL, Fields SK, Comstock RD. When the rules of the game are broken: what proportion of high school sports-related injuries are related to illegal activity? *Inj Prev*. 2008;14(1):34-38.

4. Rivara FP, Schiff MA, Chrisman SP, Chung SK, Ellenbogen RG, Herring SA. The effect of coach education on reporting of concussions among high school athletes after passage of a concussion law. *Am J Sports Med*. 2014;42(5):1197-1203.

5. Kerr ZY, Register-Mihalik JK, Marshall SW, Evenson KR, Mihalik JP, Guskiewicz KM. Disclosure and non-disclosure of concussion and concussion symptoms in athletes: review and application of the socio-ecological framework. *Brain Inj*. 2014;28(8):1009-1021.

6. Register-Mihalik JK, Guskiewicz KM, McLeod TC, Linnan LA, Mueller FO, Marshall SW. Knowledge, attitude, and concussion-reporting behaviors among high school athletes: a preliminary study. *J Athl Train*. 2013;48(5):645-653.

7. Chrisman SP, Quitiquit C, Rivara FP. Qualitative study of barriers to concussive symptom reporting in high school athletics. *J Adolesc Health*. 2013;52(3):330-335.

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Revised August 2019

To learn more,
go to cdc.gov/HEADSUP



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- Remind athletes that safety comes first and that you expect them to tell you and their parent(s) if they think they have experienced a bump, blow, or jolt to their head and “don’t feel right.”

Focus on safety at games and practices:

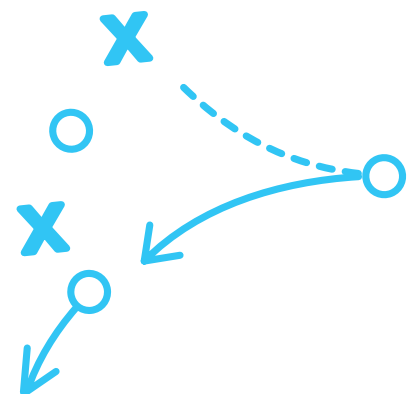
- Teach athletes ways to lower the chances of getting a hit to the head.
- Enforce rules that limit or remove the risk of head impacts.
- Tell athletes that good sportsmanship is expected at all times, both on and off the field.
- Bring emergency contact information for parents and healthcare providers to each game and practice in case an athlete needs to be seen right away for a concussion or other serious injury.

Multiple concussions

Athletes who have ever had a concussion have a higher chance of getting another concussion. A repeat concussion can lead to more severe symptoms and longer recovery.^{1,2}

Coach's to-do list:

- ✓ Talk with athletes about concussion.
- ✓ Teach athletes ways to lower their chances of getting a hit to the head.
- ✓ Encourage concussion reporting among your athletes.
- ✓ Know what to do if you think an athlete has a concussion.
- ✓ Learn how to help an athlete safely return to play after a concussion.



Make sure athletes do not perform these unsafe actions:

- Use their head or helmet to contact another athlete.
- Make illegal contact or check, tackle, or collide with an unprotected opponent.
- Try to injure another athlete.

Stay up to date on concussion information:

- Review your state, league, and organization's concussion plans and rules.
- Take a training course on concussion. The Centers for Disease Control and Prevention (CDC) offers free concussion training at [cdc.gov/HEADSUP](https://www.cdc.gov/HEADSUP).
- Download CDC's HEADS UP app or another resource that provides a list of concussion signs and symptoms.

Check equipment and sports facilities:

- Make sure all athletes wear a helmet that is appropriate for the sport or activity; ensure that the helmet fits well and is in good condition.
- Work with the game or event manager to fix any concerns, such as tripping hazards or goal posts without proper padding.

One study found that nearly 70% of athletes continued to play with concussion symptoms.⁴



How can I spot a possible concussion?

Athletes who show or report one or more of the signs and symptoms listed below—or who simply say they just “don’t feel right”—after a bump, blow, or jolt to the head or body may have a concussion or other serious brain injury. Concussion signs and symptoms often show up soon after the injury, but it can be hard to tell how serious the concussion is at first. Some symptoms may not show up for hours or days.

Signs coaches or parents may observe:

- Seems confused
- Forgets an instruction or is unsure of the game, position, score, or opponent
- Moves clumsily
- Answers questions slowly or repeats questions
- Can't remember events before or after the hit, bump, or fall
- Loses consciousness (even for a moment)
- Has behavior or personality changes

Symptoms athletes may report:

- Headache
- Nausea or vomiting
- Dizziness or balance problems
- Bothered by light or noise
- Feeling foggy or groggy
- Trouble concentrating or problems with short- or long-term memory
- Does not “feel right”

Signs of a more serious brain injury

In rare cases, a concussion can cause dangerous bleeding in the brain, which puts pressure on the skull. Call 9-1-1 if an athlete develops one or more of these danger signs after a bump, blow, or jolt to the head or body:

- A headache that gets worse and does not go away
- Significant nausea or repeated vomiting
- Unusual behavior, increased confusion, restlessness, or agitation
- Drowsiness or inability to wake up
- Slurred speech, weakness, numbness, or decreased coordination
- Convulsions or seizures (shaking or twitching)
- Loss of consciousness (passing out)

Some athletes may not report a concussion because they don't think a concussion is serious.

They may also worry about:

- Losing their position on the team or losing playing time during a game,
- Putting their future sports career at risk,
- Looking weak,
- Letting down their teammates or the team, and/or
- What their coach or teammates think of them.⁵⁻⁷

What should I do if an athlete has a possible concussion?

As a coach, if you think an athlete may have a concussion, you should:

Remove the athlete from play.

When in doubt, sit them out! Record and provide details on the following information to help the healthcare provider or first responders assess the athlete after the injury:

- Cause of the injury and force of the hit or blow to the head or body
- Any loss of consciousness (passed out) and for how long
- Any memory loss right after the injury
- Any seizures right after the injury
- Number of previous concussions (if any)

Keep an athlete with a possible concussion out of play on the same day of the injury and until cleared by a healthcare provider.

Do not try to judge the severity of the injury yourself. Only a healthcare provider should assess an athlete for a possible concussion and decide when it is safe for the athlete to return to play.

Inform the athlete's parent(s) about the possible concussion.

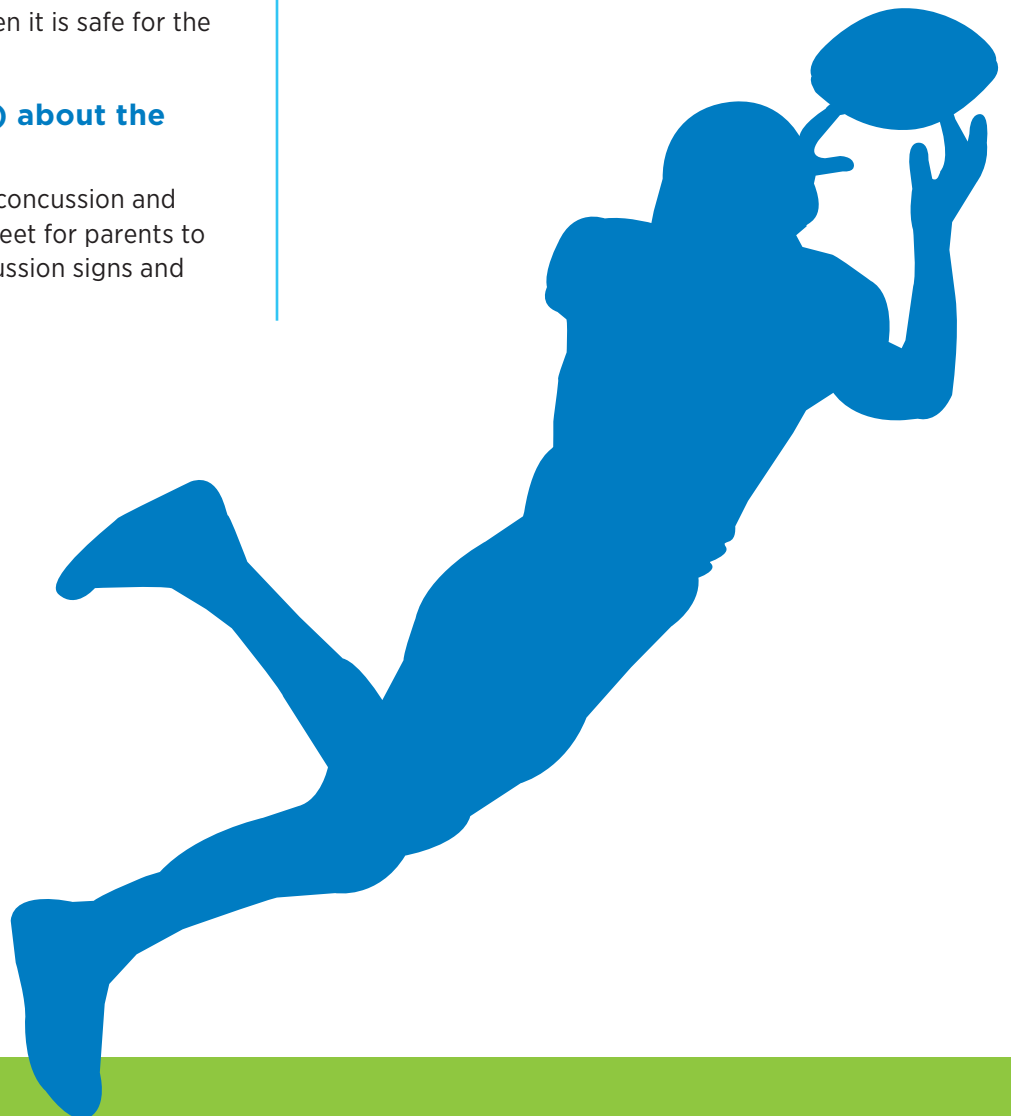
Let parents know about the possible concussion and give them the CDC HEADS UP fact sheet for parents to help them watch the athlete for concussion signs and symptoms at home.

Ask for written instructions from the athlete's healthcare provider on return to play.

This should include information about when the athlete can return to play and steps you should take to help the athlete safely return to play. Athletes who continue to play while having concussion symptoms have a greater chance of getting another concussion. A repeat concussion that occurs before the brain has fully healed can be very serious and can increase the chance for long-term problems. It can even be fatal.

Offer support during recovery.

An athlete may feel frustrated, sad, angry, or lonely while recovering from a concussion. Talk with them about it, and allow an athlete recovering from a concussion to stay in touch with their teammates, such as cheering on their team at practices and competitions.



What steps should I take to help an athlete return to play?

An athlete's return to school and sports should be a gradual process that is approved and carefully managed and monitored by a healthcare provider. When available, be sure to also work closely with your team's certified athletic trainer.

There are six gradual steps to help an athlete safely return to play. These steps should not be done in one day, but instead over days, weeks, or months. **An athlete should move to the next step only if they do not have any new symptoms at the current step.**

Step 1: Return to non-sports activities, such as school, with a greenlight from the healthcare provider to begin the return-to-play process

Step 2: Light aerobic exercise

- Goal: Increase the athlete's heart rate
- Activities: Slow to medium walking or light stationary cycling

Step 3: Sport-specific exercise

- Goal: Add movement
- Activities: Running or skating drills; no activities with risk for contact

Step 4: Non-contact training drills

- Goal: Increase exercise, coordination, and thinking
- Activities: Harder training drills and progressive resistance training

Step 5: Full-contact practice

- Goal: Restore confidence and have coaching staff assess functional skills
- Activities: Normal training activities

Step 6: Return to regular sports activity

Remember: It is important for you and the athlete's parent(s) to watch for concussion symptoms after each day's activities, particularly after each increase in activity. If an athlete's concussion symptoms come back, or if he or she gets new symptoms when becoming more active at any step, this is a sign that the athlete is working too hard. The athlete should stop these activities, and the athlete's parent should contact the healthcare provider. After the athlete's healthcare provider says it is okay, the athlete can begin at the step before the symptoms started.



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The information provided in this fact sheet or through linkages to other sites is not a substitute for medical or professional care. Questions about diagnosis and treatment for concussion should be directed to a physician or other healthcare provider.

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To learn more,
go to cdc.gov/HEADSUP

