

HEADS UP CONCUSSION ACTION PLAN



IF YOU SUSPECT THAT AN ATHLETE HAS A CONCUSSION, YOU SHOULD TAKE THE FOLLOWING STEPS:

1. Remove the athlete from play.
2. Ensure that the athlete is evaluated by a health care professional experienced in evaluating for concussion. Do not try to judge the seriousness of the injury yourself.
3. Inform the athlete's parents or guardians about the possible concussion and give them the fact sheet on concussion.
4. Keep the athlete out of play the day of the injury. An athlete should only return to play with permission from a health care professional, who is experienced in evaluating for concussion.

► **"IT'S BETTER TO MISS ONE GAME THAN THE WHOLE SEASON."**



CONCUSSION SIGNS AND SYMPTOMS

Athletes who experience one or more of the signs and symptoms listed below after a bump, blow, or jolt to the head or body may have a concussion.

SYMPTOMS REPORTED BY ATHLETE

- Headache or "pressure" in head
- Nausea or vomiting
- Balance problems or dizziness
- Double or blurry vision
- Sensitivity to light
- Sensitivity to noise
- Feeling sluggish, hazy, foggy, or groggy
- Concentration or memory problems
- Confusion
- Just not "feeling right" or is "feeling down"

SIGNS OBSERVED BY COACHING STAFF

- Appears dazed or stunned
- Is confused about assignment or position
- Forgets an instruction
- Is unsure of 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 hit or fall

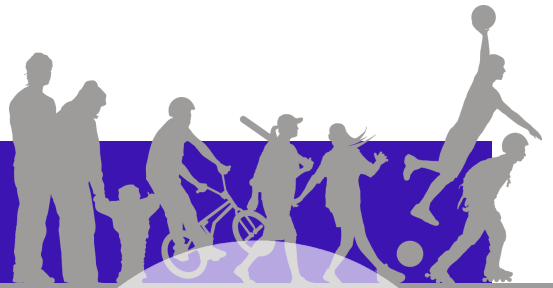


JOIN THE CONVERSATION AT ➡ www.facebook.com/CDCHeadsUp

HEADS UP

TO LEARN MORE GO TO >> WWW.CDC.GOV/CONCUSSION

CONCUSSION INFORMATION SHEET



**HEADS UP
CONCUSSION**

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 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.”

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.

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 health care provider and only return to play with permission from a health care provider who is experienced in evaluating for concussion.
3. Ask your child's or teen's health care 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 health care 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 health care provider.

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.



TO LEARN MORE GO TO >> [cdc.gov/HEADSUP](https://www.cdc.gov/HEADSUP)

JOIN THE CONVERSATION AT

➔ www.facebook.com/CDCHEADSUP

Content Source: CDC's HEADS UP campaign. Customizable HEADS UP fact sheets were made possible through a grant to the CDC Foundation from the National Operating Committee on Standards for Athletic Equipment (NOCSAE).

A Fact Sheet for COACHES



One of the main jobs of a youth sports coach is keeping athletes safe. This sheet has information to help you protect athletes from concussion or other serious brain injury, learn how to spot a concussion, and know 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 ATHLETES SAFE?

Sports are a great way for children and teens to stay healthy and can help them do well in school. As a youth sports coach, your actions create the culture for safety and can help lower an athlete's chance of getting a concussion or other serious injury. Aggressive and/or unsportsmanlike behavior among athletes can increase their chances of getting a concussion or other serious injury. Here are some ways you can help keep your athletes safe:

Talk with athletes about the importance of reporting a concussion:

- Talk with athletes about any concerns they might have about reporting their concussion symptoms. Make sure to tell them that safety comes first and you expect them to tell you and their parent(s) if they think they have a concussion.

Create a culture of safety at games and practices:

- Teach athletes ways to lower the chances of getting a concussion.
- Enforce the rules of the sport for fair play, safety, and sportsmanship.
- Ensure athletes avoid unsafe actions such as:
 - › Striking another athlete in the head;
 - › Using their head or helmet to contact another athlete;
 - › Making illegal contacts or checking, tackling, or colliding with an unprotected opponent; and/or
 - › Trying to injure or put another athlete at risk for injury.



- Tell athletes that you expect good sportsmanship at all times, both on and off the playing field.

Keep up-to-date on concussion information:

- Review your state, league, and/or organization's concussion guidelines and protocols.
- Take a training course on concussion. CDC offers concussion training at no cost at www.cdc.gov/HEADSUP.
- Download CDC's HEADS UP app or a list of concussion signs and symptoms that you can keep on hand.

Check out the equipment and sports facilities:

- Make sure all athletes wear a helmet that fits well and is in good condition when appropriate for the sport or activity. There is no "concussion-proof" helmet, so it is important to enforce safety rules that protect athletes from hits to the head and when a helmet falls off during a play.
- Work with the game or event administrator to remove tripping hazards and ensure that equipment, such as goalposts, have padding that is in good condition.

Keep emergency contact information handy:

- Bring emergency contact information for parents and health care providers to each game and practice in case an athlete needs to be taken to an emergency department right away for a concussion or other serious injury.
- If first responders are called to care for an injured athlete, provide them with details about how the injury happened and how the athlete was acting after the injury.

HOW CAN I SPOT A POSSIBLE CONCUSSION?

Athletes 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 COACHES OR PARENTS:

- 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 ATHLETES:

- 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”.

NOTE: 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 be noticed or may not show up for hours or days.

WHAT ARE SOME MORE SERIOUS DANGER SIGNS TO LOOK 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 ensure an athlete is taken 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.

CONCUSSIONS AFFECT EACH ATHLETE DIFFERENTLY.

While most athletes with a concussion feel better within a couple of weeks, some will have symptoms for months or longer. Talk with an athlete’s parents if you notice their concussion symptoms come back after they return to play.

WHAT SHOULD I DO IF I THINK 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!

KEEP AN ATHLETE WITH A POSSIBLE CONCUSSION OUT OF PLAY ON THE SAME DAY OF THE INJURY AND UNTIL CLEARED BY A HEALTH CARE PROVIDER.

Do not try to judge the severity of the injury yourself. Only a health care provider should assess an athlete for a possible concussion. After you remove an athlete with a possible concussion from practice or play, the decision about return to practice or play is a medical decision that should be made by a health care provider. As a coach, recording the following information can help a health care provider in assessing 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/knocked out) and if so, for how long.
- Any memory loss right after the injury.
- Any seizures right after the injury.
- Number of previous concussions (if any).

INFORM THE ATHLETE’S PARENT(S) ABOUT THE POSSIBLE CONCUSSION.

Let them know about the possible concussion and give them the HEADS UP fact sheet for parents. This fact sheet can help parents watch the athlete for concussion signs or symptoms that may show up or get worse once the athlete is at home or returns to school.

ASK FOR WRITTEN INSTRUCTIONS FROM THE ATHLETE’S HEALTH CARE PROVIDER ON RETURN TO PLAY.

These instructions should include information about when they can return to play and what steps you should take to help them safely return to play.

WHY SHOULD I REMOVE AN ATHLETE WITH A POSSIBLE CONCUSSION FROM PLAY?

The brain needs time to heal after a concussion. An athlete who continues to play with concussion has 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 an athlete for a lifetime. It can even be fatal.

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 during the game.
- Jeopardizing their future sports career.
- Looking weak.
- Letting their teammates or the team down.
- What their coach or teammates might think of them.

WHAT STEPS CAN 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 health care provider. When available, be sure to also work closely with your team's certified athletic trainer.

Below are five gradual steps that you, along with a health care provider, should follow to help safely return an athlete to play. Remember, this is a gradual process. These steps should not be completed in one day, but instead over days, weeks, or months.

BASELINE:

Athlete is back to their regular school activities, is no longer experiencing symptoms from the injury when doing normal activities, and has a green light from their health care provider to begin the return to play process.

An athlete should only move to the next step if they do not have any new symptoms at the current step.

STEP 1:

Begin with light aerobic exercise only to increase an athlete's heart rate. This means about 5 to 10 minutes on an exercise bike, walking, or light jogging. No weightlifting at this point.

STEP 2:

Continue with activities to increase an athlete's heart rate with body or head movement. This includes moderate jogging, brief running, moderate-intensity stationary biking, moderate-intensity weightlifting (less time and/or less weight than a typical routine).

STEP 3:

Add heavy non-contact physical activity, such as sprinting/running, high-intensity stationary biking, regular weightlifting routine, non-contact sport-specific drills (in 3 planes of movement).

STEP 4:

An athlete may return to practice and full contact (if appropriate for the sport) in controlled practice.

STEP 5:

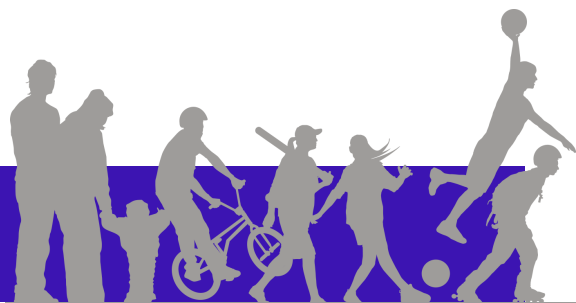
An athlete may return to competition.

REMEMBER:

It is important for you and the athlete's parent(s) to watch for concussion symptoms after each day's return to play progression activity. If an athlete's concussion symptoms come back, or he or she gets new symptoms when becoming more active at any step, this is a sign that the athlete is pushing him- or herself too hard. The athlete should stop these activities, and the athlete's health care provider should be contacted. After the okay from the athlete's health care provider, the athlete can begin at the previous step.



CONCUSSION FACT SHEET FOR PARENTS



WHAT IS A CONCUSSION?

A concussion is a type of traumatic brain injury. Concussions are caused by a bump or blow to the head. Even a “ding,” “getting your bell rung,” or what seems to be a mild bump or blow to the head can be serious.

You can’t see a concussion. Signs and symptoms of concussion can show up right after the injury or may not appear or be noticed until days or weeks after the injury. If your child reports any symptoms of concussion, or if you notice the symptoms yourself, seek medical attention right away.

WHAT ARE THE SIGNS AND SYMPTOMS OF CONCUSSION?

If your child has experienced a bump or blow to the head during a game or practice, look for any of the following signs of a concussion:

SYMPTOMS REPORTED BY ATHLETE:

- Headache or “pressure” in head
- Nausea or vomiting
- Balance problems or dizziness
- Double or blurry vision
- Sensitivity to light
- Sensitivity to noise
- Feeling sluggish, hazy, foggy, or groggy
- Concentration or memory problems
- Confusion
- Just not “feeling right” or is “feeling down”

SIGNS OBSERVED BY PARENTS/ GUARDIANS:

- Appears dazed or stunned
- Is confused about assignment or position
- Forgets an instruction
- Is unsure of game, score, or opponent
- Moves clumsily
- Answers questions slowly
- Loses consciousness (even briefly)
- Shows mood, behavior, or personality changes



DANGER SIGNS

Be alert for symptoms that worsen over time. Your child or teen should be seen in an emergency department right away if s/he has:

- One pupil (the black part in the middle of the eye) larger than the other
- Drowsiness or cannot be awakened
- A headache that gets worse and does not go away
- Weakness, numbness, or decreased coordination
- Repeated vomiting or nausea
- Slurred speech
- Convulsions or seizures
- Difficulty recognizing people or places
- Increasing confusion, restlessness, or agitation
- Unusual behavior
- Loss of consciousness (even a brief loss of consciousness should be taken seriously)

WHAT SHOULD YOU DO IF YOU THINK YOUR CHILD HAS A CONCUSSION?

1. SEEK MEDICAL ATTENTION RIGHT AWAY

A health care professional will be able to decide how serious the concussion is and when it is safe for your child to return to regular activities, including sports.

2. KEEP YOUR CHILD OUT OF PLAY.

Concussions take time to heal. Don't let your child return to play the day of the injury and until a health care professional says it's OK. Children who return to play too soon - while the brain is still healing - risk a greater chance of having a second concussion. Repeat or later concussions can be very serious. They can cause permanent brain damage, affecting your child for a lifetime.

3. TELL YOUR CHILD'S COACH ABOUT ANY PREVIOUS CONCUSSION.

Coaches should know if your child had a previous concussion. Your child's coach may not know about a concussion your child received in another sport or activity unless you tell the coach.

HOW CAN YOU HELP YOUR CHILD PREVENT A CONCUSSION OR OTHER SERIOUS BRAIN INJURY?

- Ensure that they follow their coach's rules for safety and the rules of the sport.
- Encourage them to practice good sportsmanship at all times.
- Make sure they wear the right protective equipment for their activity. Protective equipment should fit properly and be well maintained.
- Wearing a helmet is a must to reduce the risk of a serious brain injury or skull fracture.
 - However, helmets are not designed to prevent concussions. There is no "concussion-proof" helmet. So, even with a helmet, it is important for kids and teens to avoid hits to the head.

HOW CAN I HELP MY CHILD RETURN TO SCHOOL SAFELY AFTER A CONCUSSION?

Children and teens who return to school after a concussion may need to:

- Take rest breaks as needed
- Spend fewer hours at school
- Be given more time to take tests or complete assignments
- Receive help with schoolwork
- Reduce time spent reading, writing, or on the computer

Talk with your child's teachers, school nurse, coach, speech-language pathologist, or counselor about your child's concussion and symptoms. As your child's symptoms decrease, the extra help or support can be removed gradually.



JOIN THE CONVERSATION ➡ www.facebook.com/CDCHeadsUp

TO LEARN MORE GO TO >> [WWW.CDC.GOV/CONCUSSION](https://www.cdc.gov/concussion)

Content Source: CDC's Heads Up Program. Created through a grant to the CDC Foundation from the National Operating Committee on Standards for Athletic Equipment (NOCSAE).