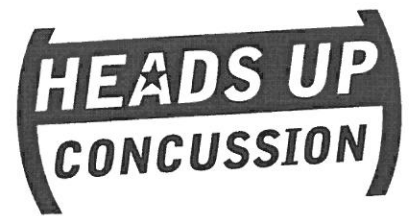


CONCUSSION Information Sheet



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.*

To learn more, go to www.cdc.gov/HEADSUP



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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' health care 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 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.



To learn more, go to www.cdc.gov/HEADSUP

You can also download the CDC HEADS UP app to get concussion information at your fingertips. Just scan the QR code pictured at left with your smartphone.

Revised 5/2015

Discuss the risks of concussion and other serious brain injury 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 injury.

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 Name Printed: _____ Date: _____

Athlete 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 Name Printed: _____ Date: _____

Parent or Legal Guardian Signature: _____

A Fact Sheet for ATHLETES

HEADS UP CONCUSSION

WHAT IS A CONCUSSION?

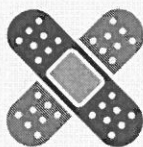
A concussion is a brain injury that affects how your brain works. It can happen when your brain gets bounced around in your skull after a fall or hit to the head.

This sheet has information to help you protect yourself from concussion or other serious brain injury and know what to do if a concussion occurs.

WHAT SHOULD I DO IF I THINK I HAVE A CONCUSSION?



REPORT IT. Tell your coach, parent, and athletic trainer if you think you or one of your teammates may have a concussion. It's up to you to report your symptoms. Your coach and team are relying on you. Plus, you won't play your best if you are not feeling well.



GIVE YOUR BRAIN TIME TO HEAL.

A concussion can make everyday activities, such as going to school, harder. You may need extra help getting back to your normal activities. Be sure to update your parents and doctor about how you are feeling.

WHY SHOULD I TELL MY COACH AND PARENT ABOUT MY SYMPTOMS?

- Playing or practicing with a concussion is dangerous and can lead to a longer recovery.
- While your brain is still healing, you are much more likely to have another concussion. This can put you at risk for a more serious injury to your brain and can even be fatal.



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GOOD TEAMMATES KNOW:

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

HOW CAN I TELL IF I HAVE A CONCUSSION?

You may have a concussion if you have any of these symptoms after a bump, blow, or jolt to the head or body:



- **Get a headache**



- **Feel dizzy, sluggish or foggy**



- **Be bothered by light or noise**



- **Have double or blurry vision**



- **Vomit or feel sick to your stomach**



- **Have trouble focusing or problems remembering**



- **Feel more emotional or “down”**



- **Feel confused**



- **Have problems with sleep**

Concussion symptoms usually show up right away, but you might not notice that something “isn’t right” for hours or days. A concussion feels different to each person, so it is important to tell your parents and doctor how you are feeling.

The information provided in this document 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 health care provider.

HOW CAN I HELP MY TEAM?



PROTECT YOUR BRAIN.

Avoid hits to the head and follow the rules for safe and fair play to lower your chances of getting a concussion. Ask your coaches for more tips.



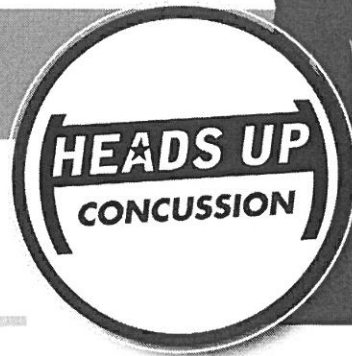
BE A TEAM PLAYER. You play an important role as part of a team. Encourage your teammates to report their symptoms and help them feel comfortable taking the time they need to get better.



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To learn more, go to www.cdc.gov/HEADSUP

CONCUSSION FACT SHEET FOR ATHLETES



CONCUSSION FACTS

- A concussion is a brain injury that affects how your brain works.
- A concussion is caused by a bump, blow, or jolt to the head or body.
- A concussion can happen even if you haven't been knocked out.
- If you think you have a concussion, you should not return to play on the day of the injury and until a health care professional says you are OK to return to play.



CONCUSSION SIGNS AND SYMPTOMS

Concussion symptoms differ with each person and with each injury, and may not be noticeable for hours or days. Common symptoms include:

- Headache
- Confusion
- Difficulty remembering or paying attention
- Balance problems or dizziness
- Feeling sluggish, hazy, foggy, or groggy
- Feeling irritable, more emotional, or "down"
- Nausea or vomiting
- Bothered by light or noise
- Double or blurry vision
- Slowed reaction time
- Sleep problems
- Loss of consciousness

During recovery, exercising or activities that involve a lot of concentration (such as studying, working on the computer, or playing video games) may cause concussion symptoms to reappear or get worse.

WHY SHOULD I REPORT MY SYMPTOMS?

- Unlike with some other injuries, playing or practicing with concussion symptoms is dangerous and can lead to a longer recovery and a delay in your return to play.
- While your brain is still healing, you are much more likely to have another concussion.
- A repeat concussion in a young athlete can result in permanent damage to your brain. They can even be fatal.

[INSERT YOUR LOGO]

WHAT SHOULD I DO IF I THINK I HAVE A CONCUSSION?

DON'T HIDE IT. REPORT IT.

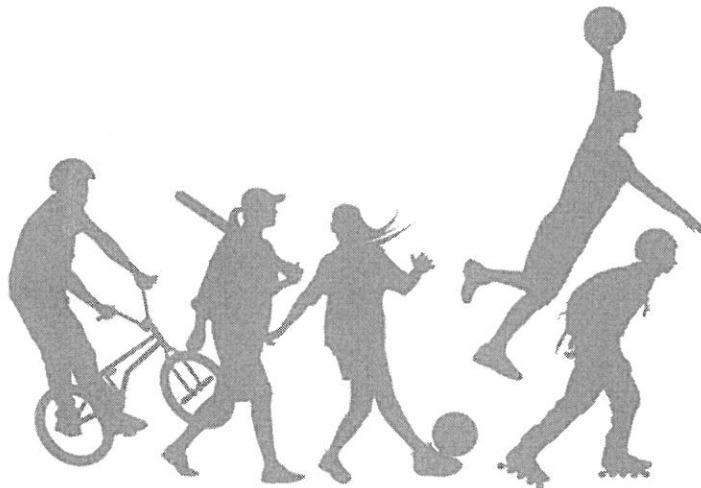
Ignoring your symptoms and trying to "tough it out" often makes symptoms worse. Tell your coach, parent, and athletic trainer if you think you or one of your teammates may have a concussion. Don't let anyone pressure you into continuing to practice or play with a concussion.

GET CHECKED OUT.

Only a health care professional can tell if you have a concussion and when it's OK to return to play. Sports have injury timeouts and player substitutions so that you can get checked out and the team can perform at its best. The sooner you get checked out, the sooner you may be able to safely return to play.

TAKE CARE OF YOUR BRAIN.

A concussion can affect your ability to do schoolwork and other activities. Most athletes with a concussion get better and return to sports, but it is important to rest and give your brain time to heal. A repeat concussion that occurs while your brain is still healing can cause long-term problems that may change your life forever.



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

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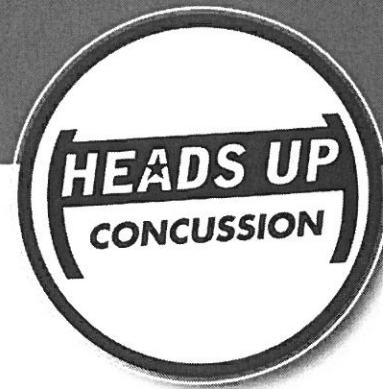


HEADS UP

TO LEARN MORE GO TO >> 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).

PARENT & ATHLETE CONCUSSION INFORMATION SHEET



WHAT IS A CONCUSSION?

A concussion is a type of traumatic brain injury that changes the way the brain normally works. A concussion is caused by a bump, blow, or jolt to the head or body that causes the head and brain to move quickly back and forth. Even a "ding," "getting your bell rung," or what seems to be a mild bump or blow to the head can be serious.

WHAT ARE THE SIGNS AND SYMPTOMS OF 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 an athlete reports one or more symptoms of concussion after a bump, blow, or jolt to the head or body, s/he should be kept out of play the day of the injury. The athlete should only return to play with permission from a health care professional experienced in evaluating for concussion.

DID YOU KNOW?

- Most concussions occur without loss of consciousness.
- Athletes who have, at any point in their lives, had a concussion have an increased risk for another concussion.
- Young children and teens are more likely to get a concussion and take longer to recover than adults.

[INSERT YOUR LOGO]

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
- Can't recall events after hit or fall



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

CONCUSSION DANGER SIGNS

In rare cases, a dangerous blood clot may form on the brain in a person with a concussion and crowd the brain against the skull. An athlete should receive immediate medical attention if after a bump, blow, or jolt to the head or body s/he exhibits any of the following danger signs:

- One pupil larger than the other
- Is drowsy or cannot be awakened
- A headache that gets worse
- Weakness, numbness, or decreased coordination
- Repeated vomiting or nausea
- Slurred speech
- Convulsions or seizures
- Cannot recognize people or places
- Becomes increasingly confused, restless, or agitated
- Has unusual behavior
- Loses consciousness (even a brief loss of consciousness should be taken seriously)

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

1. If you suspect that an athlete has a concussion, remove the athlete from play and seek medical attention. Do not try to judge the severity of the injury yourself. Keep the athlete out of play the day of the injury and until a health care professional, experienced in evaluating for concussion, says s/he is symptom-free and it's OK to return to play.
2. Rest is key to helping an athlete recover from a concussion. Exercising or activities that involve a lot of concentration, such as studying, working on the computer, and playing video games, may cause concussion symptoms to reappear or get worse. After a concussion, returning to sports and school is a gradual process that should be carefully managed and monitored by a health care professional.
3. Remember: Concussions affect people differently. While most athletes with a concussion recover quickly and fully, some will have symptoms that last for days, or even weeks. A more serious concussion can last for months or longer.

WHY SHOULD AN ATHLETE REPORT THEIR SYMPTOMS?

If an athlete has a concussion, his/her brain needs time to heal. While an athlete's brain is still healing, s/he is much more likely to have another concussion. Repeat concussions can increase the time it takes to recover. In rare cases, repeat concussions in young athletes can result in brain swelling or permanent damage to their brain. They can even be fatal.

STUDENT-ATHLETE NAME PRINTED


STUDENT-ATHLETE NAME SIGNED

DATE

PARENT OR GUARDIAN NAME PRINTED

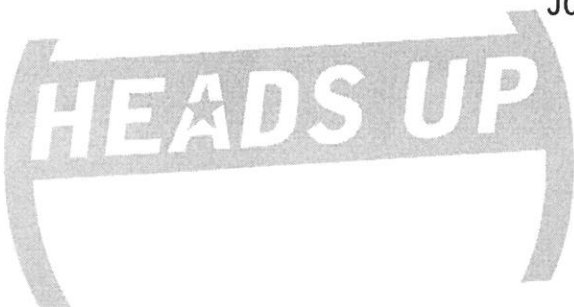
PARENT OR GUARDIAN NAME SIGNED

DATE

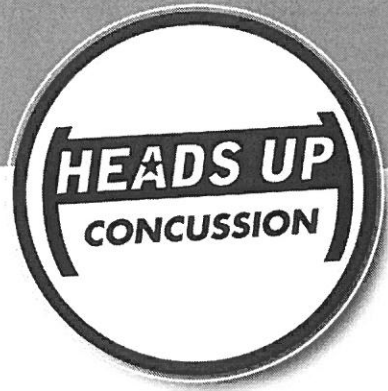
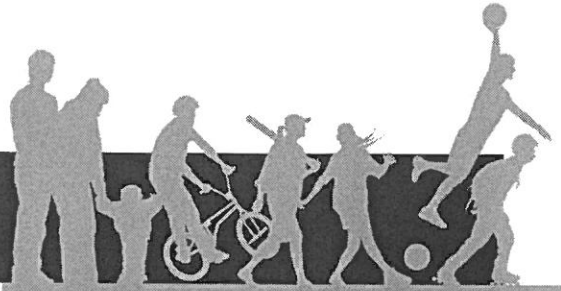
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TO LEARN MORE GO TO >> WWW.CDC.GOV/CONCUSSION

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).



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:

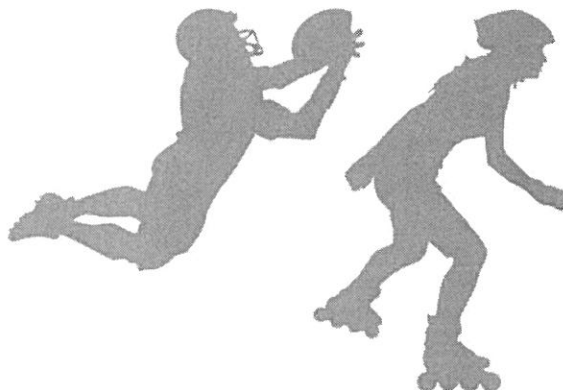
SYMPTOMS REPORTED BY ATHLETE:

- 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

[INSERT YOUR LOGO]



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:

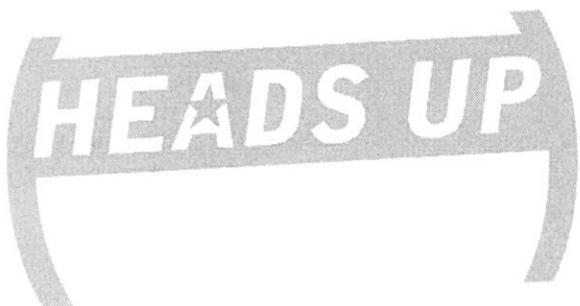
- Take rest breaks as needed
- Spend fewer hours at school
- Be given more time to take tests or complete assignments
- Receive help with schoolwork
- Reduce time spent reading, writing, or on the computer

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.

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TO LEARN MORE GO TO >> 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).





A Fact Sheet for YOUTH SPORTS PARENTS

This sheet has information to help protect your children or teens from concussion or other serious brain injury.

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.
 - › 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. There is no "concussion-proof" helmet. Even with a helmet, it is important for children and teens to avoid hits to the head.

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.

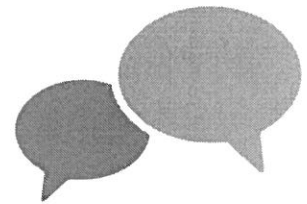
Signs Observed by Parents

- 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. Remind them that *it's better to miss one game than the whole season.*



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GOOD TEAMMATES KNOW:

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' health care provider if their concussion symptoms do not go away or if they get worse after they return to their regular activities.



Plan ahead.

What do you want your child or teen to know about concussion?

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.



You can also download the CDC *HEADS UP* app to get concussion information at your fingertips. Just scan the QR code pictured at left with your smartphone.

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. You may not know how serious the concussion is at first, and some symptoms may not show up for hours or days. 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.

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.

Revised 12/2015



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