

# Gretna Basketball Association Concussion Awareness

## **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 that can change the way your brain normally works. Concussions can also occur from a blow to the body that causes the head to move rapidly back and forth. Even a “ding,” “getting your bell rung,” or what seems to be mild bump or blow to the head can be serious.

Concussions can occur in any sport or recreation activity. So, all coaches, parents, and athletes need to learn concussion signs and symptoms and what to do if a concussion occurs.

On April 14th, 2012, Governor Heineman signed into law LB260, the [Nebraska Concussion Awareness Act](#). This bill took effect **July 1, 2012**. The bill affects athletes 19 years old or younger, sports organization, including youth leagues, club sports, or any organization sponsoring a sporting activity where there is a cost to participants or where such costs are sponsored must follow the law.

There are 3 primary components to the [Nebraska Concussion Awareness Act](#):

## **Education –**

**(a)** concussion educational training must be made available to all coaches on how to recognize symptoms of a concussion, and how to seek proper medical treatment.

**(b)** Athletes and parents/legal guardians must be provided concussion information prior to an athlete’s participation on an annual basis that includes:

- (i) signs & symptoms of a concussion,
- (ii) risks posed by sustaining a concussion, and
- (iii) actions an athlete should take in response to sustaining a concussion – including informing their coaches.

## **Removal of Athlete –**

an athlete presenting with signs or symptoms of a concussion thereby being “reasonably suspected” of having sustained a concussion:

**(a)** must be removed from participation, and

**(b)** may not return to participation until evaluated by appropriate licensed health care professional, **and**,

**Written & Signed Clearance for Return to Play (RTP)** – an athlete having been removed from participation for the purpose of presenting with signs or symptoms or “reasonably suspected” of having sustained a concussion must have, before RTP or participation is allowed by a coach:

**(a)** written and signed clearance from an appropriate licensed health care professional trained in the evaluation and management of traumatic brain injuries among a pediatric population, and

**(b)** written and signed clearance from the athlete’s parents/legal guardians.

**Gretna Basketball Association will follow the procedures outlined above by the Nebraska Concussion Awareness Act.**

**Coaches** please follow the link below for further training on concussions: [http://www.cdc.gov/concussion/HeadsUp/online\\_training.html](http://www.cdc.gov/concussion/HeadsUp/online_training.html).

Coaches and Parents, please see the attached Fact Sheets on concussions.



### SIGNS AND SYMPTOMS

These signs and symptoms may indicate that a concussion has occurred.

SIGNS OBSERVED BY COACHING STAFF	SYMPTOMS REPORTED BY ATHLETE
Appears dazed or stunned	Headache or "pressure" in head
Is confused about assignment or position	Nausea or vomiting
Forgets sports plays	Balance problems or dizziness
Is unsure of game, score, or opponent	Double or blurry vision
Moves clumsily	Sensitivity to light
Answers questions slowly	Sensitivity to noise
Loses consciousness (even briefly)	Feeling sluggish, hazy, foggy, or groggy
Shows behavior or personality changes	Concentration or memory problems
Can't recall events prior to hit or fall	Confusion
Can't recall events after hit or fall	Does not "feel right"

### ACTION PLAN

If you suspect that a player has a concussion, you should take the following steps:

1. Remove athlete from play.
2. Ensure athlete is evaluated by an appropriate health care professional. Do not try to judge the seriousness of the injury yourself.
3. Inform athlete's parents or guardians about the known or possible concussion and give them the fact sheet on concussion.
4. Allow athlete to return to play **only** with permission from an appropriate health care professional.

### IMPORTANT PHONE NUMBERS

FILL IN THE NAME AND NUMBER OF YOUR LOCAL HOSPITAL(S) BELOW:

Hospital Name: \_\_\_\_\_

Hospital Phone: \_\_\_\_\_

Hospital Name: \_\_\_\_\_

Hospital Phone: \_\_\_\_\_

**For immediate attention, CALL 911**

*If you think your athlete has sustained a concussion... take him/her out of play, and seek the advice of a health care professional experienced in evaluating for concussion.*

For more information and to order additional materials **free-of-charge**, visit:  
[www.cdc.gov/ConcussionInYouthSports](http://www.cdc.gov/ConcussionInYouthSports)



## A Fact Sheet for COACHES

To download the coaches fact sheet in Spanish, please visit [www.cdc.gov/ConcussionInYouthSports](http://www.cdc.gov/ConcussionInYouthSports)

Para descargar la hoja informativa para los entrenadores en español, por favor visite

[www.cdc.gov/ConcussionInYouthSports](http://www.cdc.gov/ConcussionInYouthSports)

### THE FACTS

- A concussion is a **brain injury**.
- All concussions are **serious**.
- Concussions can occur **without** loss of consciousness.
- Concussions can occur **in any sport**.
- Recognition and proper management of concussions when they **first occur** can help prevent further injury or even death.

### WHAT IS A CONCUSSION?

Concussion, a type of traumatic brain injury, is caused by a bump, blow, or jolt to the head. Concussions can also occur from a blow to the body that causes the head and brain to move quickly back and forth—causing the brain to bounce around or twist within the skull.

This sudden movement of the brain can cause stretching and tearing of brain cells, damaging the cells and creating chemical changes in the brain.

### HOW CAN I RECOGNIZE A POSSIBLE CONCUSSION?

To help spot a concussion, you should watch for and ask others to report the following two things:

1. A forceful bump, blow, or jolt to the head or body that results in rapid movement of the head.
2. Any concussion signs or symptoms, such as a change in the athlete's behavior, thinking, or physical functioning.

Signs and symptoms of concussion generally show up soon after the injury. But the full effect of the injury may not be noticeable at first. For example, in the first few minutes the athlete might be slightly confused or appear a little bit dazed, but an hour later he or she can't recall coming to the practice or game.

You should repeatedly check for signs of concussion and also tell parents what to watch out for at home. Any worsening of concussion signs or symptoms indicates a medical emergency.

## SIGNS AND SYMPTOMS<sup>1</sup>

### 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

### 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 "feeling down"

*Adapted from Lovell et al. 2004*

### WHAT ARE CONCUSSION DANGER SIGNS?

In rare cases, a dangerous blood clot may form on the brain in an athlete with a concussion and crowd the brain against the skull. Call 9-1-1 or take the athlete to the emergency department right away if after a bump, blow, or jolt to the head or body the athlete exhibits one or more 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)

### WHY SHOULD I BE CONCERNED ABOUT CONCUSSIONS?

Most athletes with a concussion will recover quickly and fully. But for some athletes, signs and symptoms of concussion can last for days, weeks, or longer.

If an athlete has a concussion, his or her brain needs time to heal. A repeat concussion that occurs before the brain recovers from the first—usually within a short time period (hours, days, weeks)—can slow recovery or increase the chances for long-term problems. In rare cases, repeat concussions can result in brain swelling or permanent brain damage. It can even be fatal.<sup>2,3</sup>

### HOW CAN I HELP ATHLETES TO RETURN TO PLAY GRADUALLY?

An athlete should return to sports practices under the supervision of an appropriate health care professional. When available, be sure to work closely with your team's certified athletic trainer.

Below are five gradual steps that you and the health care professional 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:** Athletes should not have any concussion symptoms. Athletes should only progress to the next step if they do not have any 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 weight lifting 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 (reduced time and/or reduced weight from your 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:** Athlete may return to practice and full contact (if appropriate for the sport) in controlled practice.

**STEP 5:** Athlete may return to competition.

If an athlete's symptoms come back or she or he 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 more rest and no concussion symptoms, the athlete should begin at the previous step.

## PREVENTION AND PREPARATION

Insist that safety comes first. To help minimize the risks for concussion or other serious brain injuries:

- Ensure that athletes follow the rules for safety and the rules of the sport.
- Encourage them to practice good sportsmanship at all times.
- Wearing a helmet is a must to reduce the risk of severe brain injury and 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.

Check with your league, school, or district about concussion policies. Concussion policy statements can be developed to include:

- The school or league's commitment to safety
- A brief description of concussion
- Information on when athletes can safely return to school and play.

Parents and athletes should sign the concussion policy statement at the beginning of the season.

## ACTION PLAN

### WHAT SHOULD I DO WHEN A CONCUSSION IS SUSPECTED?

No matter whether the athlete is a key member of the team or the game is about to end, an athlete with a suspected concussion should be immediately removed from play. To help you know how to respond, follow the Heads Up four-step action plan:

**1. REMOVE THE ATHLETE FROM PLAY.** Look for signs and symptoms of a concussion if your athlete has experienced a bump or blow to the head or body. When in doubt, sit them out!

**2. ENSURE THAT THE ATHLETE IS EVALUATED BY AN APPROPRIATE HEALTH CARE PROFESSIONAL.**

Do not try to judge the severity of the injury yourself. Health care professionals have a number of methods that they can use to assess the severity of concussions. As a coach, recording the following information can help health care professionals 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 immediately following the injury

- Any seizures immediately following the injury
- Number of previous concussions (if any)

**3. INFORM THE ATHLETE'S PARENTS OR GUARDIANS.** Let them know about the possible concussion and give them the Heads Up fact sheet for parents. This fact sheet can help parents monitor the athlete for signs or symptoms that appear or get worse once the athlete is at home or returns to school.

**4. KEEP THE ATHLETE OUT OF PLAY.** An athlete should be removed from play the day of the injury and until an appropriate health care professional says they are symptom-free and it's OK to return to play. After you remove an athlete with a suspected concussion from practice or play, the decision about return to practice or play is a medical decision.

### REFERENCES

1. Lovell MR, Collins MW, Iverson GL, Johnston KM, Bradley JP. Grade 1 or "ding" concussions in high school athletes. *The American Journal of Sports Medicine* 2004; 32(1):47-54.
2. Institute of Medicine (US). Is soccer bad for children's heads? Summary of the IOM Workshop on Neuropsychological Consequences of Head Impact in Youth Soccer. Washington (DC): National Academies Press; 2002.
3. Centers for Disease Control and Prevention (CDC). Sports-related recurrent brain injuries-United States. *Morbidity and Mortality Weekly Report* 1997; 46(10):224-227. Available at: [www.cdc.gov/mmwr/preview/mmwrhtml/00046702.htm](http://www.cdc.gov/mmwr/preview/mmwrhtml/00046702.htm).

*If you think your athlete has a concussion...  
take him/her out of play and seek the advice of a health care professional  
experienced in evaluating for concussion.*



# HEADS UP CONCUSSION IN YOUTH SPORTS

## 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 A CONCUSSION?

### Signs Observed by Parents or Guardians

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

- 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

### 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 “feeling down”

## 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.

## 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 repeat 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.

***It’s better to miss one game than the whole season.***

For more information, visit [www.cdc.gov/Concussion](http://www.cdc.gov/Concussion).



## Hoja Informativa para los PADRES

### ATENCIÓN CONMOCIÓN CEREBRAL EN EL DEPORTE JUVENIL

#### ¿QUÉ ES LA CONMOCIÓN CEREBRAL?

Una conmoción cerebral es una lesión en el cerebro, causada por un golpe en la cabeza o una sacudida. Incluso una pequeña conmoción o lo que parece ser un golpe o sacudida leve puede ser serio.

La conmoción cerebral no puede verse. Los signos y síntomas de una conmoción pueden aparecer inmediatamente después de la lesión o puede que no aparezcan, o se hagan visibles algunos días o meses después de haber sufrido la lesión. Si su hijo tiene los signos de una conmoción cerebral o si usted nota algún síntoma, busque atención médica de inmediato.

#### ¿CUÁLES SON LOS SIGNOS Y SÍNTOMAS DE LA CONMOCIÓN CEREBRAL?

##### Signos que notan los padres y los tutores

*Si su hijo ha sufrido un golpe en la cabeza o una sacudida durante un juego o una práctica, obsérvelo para determinar si tiene alguno de los siguientes signos y síntomas de una conmoción cerebral:*

- Luce aturdido o fuera de control
- Se confunde con la actividad asignada
- Olvida las jugadas
- No se muestra seguro del juego, la puntuación ni de sus adversarios
- Se mueve con torpeza
- Responde con lentitud
- Pierde el conocimiento (así sea momentáneamente)
- Muestra cambios de conducta o de personalidad
- No puede recordar lo ocurrido antes de un lanzamiento o un caída
- No puede recordar lo ocurrido después de un lanzamiento o un caída

##### Síntomas que reporta el atleta

- Dolor o "presión" en la cabeza
- Náuseas o vómitos
- Problemas de equilibrio, mareo
- Visión doble o borrosa
- Sensibilidad a la luz y al ruido
- Se siente débil, confuso, aturdido o grogui
- Problemas de concentración o memoria
- Confusión
- No se "siente bien"

#### ¿CÓMO AYUDAR A SU HIJO A PREVENIR UNA CONMOCIÓN CEREBRAL?

Aunque todo deporte es diferente, hay medidas que puede tomar para protegerse.

- Haga que siga las reglas impartidas por el entrenador y las reglas del deporte que practica.
- Invítelo a mantener el espíritu deportivo en todo momento.
- Haga que su hijo use el equipo protector adecuado según la actividad que realiza. El equipo de protección debe ajustarse bien, debe hacersele el mantenimiento adecuado, y el jugador debe usarlo correctamente y en todo momento.

#### ¿QUÉ DEBE HACER SI CREE QUE SU HIJO HA SUFRIDO UNA CONMOCIÓN CEREBRAL?

- 1. Busque atención médica de inmediato.** Un profesional de la salud podrá determinar la seriedad de la conmoción cerebral que ha sufrido el niño y cuándo podrá regresar al juego sin riesgo alguno.
- 2. No permita que su hijo siga jugando.** Las conmociones cerebrales necesitan de un cierto tiempo para curarse. No permita que su hijo regrese al juego hasta que un profesional de la salud le haya dicho que puede hacerlo. Los niños que regresan al juego antes de lo debido—mientras el cerebro está en proceso de curación—corren un mayor riesgo de sufrir otra conmoción. Las conmociones cerebrales siguientes pueden ser muy serias. Pueden causar daño cerebral permanente que afectarán al niño de por vida.
- 3. Informe al entrenador del niño sobre cualquier conmoción cerebral que el niño haya sufrido recientemente.** Los entrenadores deben saber si el niño ha sufrido una conmoción recientemente en CUALQUIER deporte. El entrenador no necesariamente sabrá si el niño ha tenido una conmoción en otro deporte o actividad a menos que usted se lo diga.

***Es preferible perderse un juego que toda la temporada.***

Para obtener más información, visite [www.cdc.gov/ConcussionInYouthSports](http://www.cdc.gov/ConcussionInYouthSports).