

# National Center for Catastrophic Sport Injury Research

The *mission* of the National Center for Catastrophic Sport Injury Research (NCCSIR) is to conduct surveillance of catastrophic injuries and illnesses related to participation in organized sports in the United States at the professional, collegiate, high school, and youth levels of play.



**National Center for  
Catastrophic Sport Injury Research**

The **goal** of the Center is to improve the prevention, evaluation, management, and rehabilitation of catastrophic sports-related injuries.

The most common types of fatal events are acute trauma to the head/neck/spine, exertional-related heat events, exertional-related cardiac events, and disruption of cardiac rhythm due to blunt chest impacts (commotio cordis).

National surveillance of catastrophic sports-related injuries conducted by the National Center for Catastrophic Sports Injury Research (NCCSIR) over the last

thirty years has facilitated the introduction of numerous sports safety interventions.

## The Consortium for Catastrophic Injury Monitoring in Sport

Was created to develop a stronger national active surveillance program to improve reporting and monitoring of these catastrophic sports injuries.

The Consortium is a partnership between several different institutions and programs. It is divided into three research divisions corresponding to the major types of catastrophic injuries.

### Research Partners

- Datalys Center, Inc.—Christine Collins, PhD
- HS RIO, University of Colorado—Dawn Comstock, PhD
- Injury Prevention Research Center, UNC-Chapel Hill—Steve Marshall, PhD & Zachary Kerr, PhD, MPH
- University of Maryland—Dave Klossner, PhD, ATC
- Lebanon Valley College—Tom Dompier, PhD, ATC

### Funding Partners

- American Football Coaches Association (AFCA)
- American Medical Society for Sports Medicine (AMSSM)
- National Athletic Trainers' Association (NATA)
- National Collegiate Athletic Association (NCAA)
- National Federation of State High School Associations (NFHS)
- National Operating Committee on Standards for Athletic Equipment (NOCSAE)

### To contact the NCCSIR:

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### Consortia Research Divisions

#### Exertional Injuries - Douglas Casa, PhD, ATC

- Heat
- Sickling
- Asthma
- Diabetes



#### Traumatic Injuries - Johna Register-Mihalik, PhD ATC & Kevin Guskiewicz, PhD ATC

- Head
- Spine
- Internal organ
- Lightning



#### Cardiac Injuries - Jonathan Drezner, MD

- Sudden cardiac arrest
- Sudden cardiac death



Report a catastrophic sport injury event at:  
<https://www.sportinjuryreport.org>



The National Center for Catastrophic Sport Injury Research (NCCSIR) tracks and conducts research on severe sports injuries and illnesses in the United States. Decisions about rule changes and equipment changes are informed by these data.

We monitor, and may investigate, reports of catastrophic sports injuries submitted by the general public. **Anyone can report a catastrophic injury or illness event to us.**

We aim to monitor all of the above events at all level of any sport or physical activity. However, our primary focus is on events occurring in middle school, high school, collegiate, and professional athletes. Additionally, we monitor any sudden cardiac arrest or sudden cardiac death in a student-athlete (even if not directly related to athletics).

To learn more about the NCCSIR and the Consortium click here:  
[www.sportinjuryreport.org/partners](http://www.sportinjuryreport.org/partners)

**Catastrophic injuries are defined as:** fatalities, permanent disability injuries, serious injuries (fractured neck or serious head injury) even though the athlete has a full recovery, temporary or transient paralysis (athlete has no movement for a short time, but has a complete recovery), heat stroke due to exercise, sickle-cell trait associated collapse, sudden cardiac arrest/death, commotio cordis, or severe acquired cardiac illness.

[Click Here to Report a Catastrophic Sports Injury](#)

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- The National Center for Catastrophic Sport Injury Research and the Consortium for Catastrophic Injury Monitoring in Sport have developed a **national centralized reporting site where anyone can report a catastrophic sport injury or illness.**
- Athletic trainers, coaches, school administrators, parents, athletes and others can report the event and basic information about what happened at *sportinjuryreport.org*.
- *Sportinjuryreport.org* is a major step towards improving the capture of the catastrophic sport injury and illness events and increasing our understanding about how they can be prevented.
- **To learn more about NCCSIR and the Consortium for Catastrophic Injury Monitoring in Sport please visit our website.**

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catastrophic sport injury events at:  
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