

CONCUSSION MANAGEMENT RECOMMENDATIONS FOR MSHSL ATHLETES



Acute injury

When a player shows any symptoms or signs of a concussion, the following should be applied.

1. The player should not be allowed to return to play in the current game or practice.
2. The player should not be left alone, and regular monitoring for deterioration is essential over the initial few hours after injury.
3. The player should be medically evaluated after the injury.
4. Return to play must follow a medically supervised stepwise process.

A player should never return to play while symptomatic. "When in doubt, sit them out!"

Return to play protocol

Return-to-play decisions are complex. An athlete may be cleared to return to competition only when the player is free of all signs and symptoms of a concussion at rest and during exercise. Once free of symptoms and signs of concussion, a stepwise symptom free exercise process is required before a player can return to competition.

- Each step requires a minimum of 24 hours.
- The player can proceed to the next level only if he/she continues to be free of any symptoms and or signs at the current level.
- If any symptoms or signs recur, the player should drop back to the previous level.

The return to play after a concussion follows a stepwise process:

1. No activity, complete rest until all symptoms have resolved. Once asymptomatic, proceed to level 2.
2. Light aerobic exercise such as walking or stationary cycling, no resistance training.
3. Sport specific exercise—for example, skating in hockey, running in soccer; progressive addition of resistance training at steps 3 or 4.
4. Non-contact training drills.
5. Full contact training after medical clearance.
6. Game play.

The final return to competition decision is based on clinical judgment and the athlete may return only with written permission from a health care provider who is registered, licensed, certified, or otherwise statutorily authorized by the state to provide medical treatment; is trained and experienced in evaluating and managing concussions; and is practicing within the person's medical training and scope of practice.

Neuropsychological testing or balance testing may help with the return to play decision and may be used after the player is symptom free, but the tests are not required for the symptom free player to return to play.

For more information please refer to the references listed below and www.concussionsafety.com.

Signs Observed by Coaching Staff

Appears dazed and stunned
Is confused about assignment or position
Forgets sports plays
Is unsure of game, score, or opponent
Moves clumsily
Answers questions slowly
Loses consciousness (even briefly)
Shows 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
Does not "feel right"