

Return to Play Progression

There are five gradual steps to help safely return an athlete to play:

Baseline: No Symptoms

As the baseline step of the Return to Play Progression, the athlete needs to have completed physical and cognitive rest and not be experiencing concussion symptoms for a minimum of 24 hours. *Keep in mind, the younger the athlete, the more conservative the treatment.*

Step 1: Light aerobic activity

The Goal: Only to increase an athlete's heart rate.

The Time: 5 to 10 minutes.

The Activities: Exercise bike, walking, or light jogging.

Absolutely no weight lifting, jumping or hard running.

Step 2: Moderate activity

The Goal: Limited body and head movement.

The Time: Reduced from typical routine.

The Activities: Moderate jogging, brief running, moderate-intensity stationary biking, and moderate-intensity weightlifting

Step 3: Heavy, non-contact activity

The Goal: More intense but non-contact

The Time: Close to typical routine

The Activities: Running, high-intensity stationary biking, the player's regular weightlifting routine, and non-contact sport-specific drills. This stage may add some cognitive component to practice in addition to the aerobic and movement components introduced in Steps 1 and 2.

Step 4: Practice & full contact

The Goal: Reintegrate in full contact practice.

Step 5: Competition

The Goal: Return to competition.

It is important to monitor symptoms and cognitive function carefully during each increase of exertion. Athletes should only progress to the next level of exertion if they are not experiencing symptoms at the current level. If symptoms return at any step, an athlete should stop these activities as this may be a sign the athlete is pushing too hard. Only after additional rest, when the athlete is once again not experiencing symptoms for a minimum of 24 hours, should he or she start again at the previous step during which symptoms were experienced.

The Return to Play Progression process is best conducted through a team approach and by a health professional who knows the athlete's physical abilities and endurance. By gauging the athlete's performance on each individual step, a health care professional will be able to determine how far to progress the athlete on a given day. In some cases, the athlete may be able to work through one step in a single day, while in other cases it may take several days to work through an individual step. It may take several weeks to months to work through the entire 5-step progression.