

What is ImPACT?

ImPACT is a sophisticated, research-based computer test developed to help clinicians evaluate an athlete's recovery following concussion. ImPACT is a 20-minute neurocognitive test battery that has been scientifically validated to measure the effects of sports related concussion. In the preseason, each athlete is given a baseline test. And, when a concussion is suspected, during the season, a follow-up test is administered to see if the results have changed from the baseline. This comparison helps to diagnose and manage the concussion. Follow-up tests can be administered over days or weeks so clinicians can continue to track the athlete's recovery from the injury.

Why use ImPACT?

ImPACT can help answer difficult questions about an athlete's readiness to return to play, protecting them from the potentially serious consequences of returning too soon. While traditional neurological and radiological procedures such as CT and MRI are helpful in identifying serious brain injuries (e.g., skull fractures, hematomas), they are ineffective at identifying the functional effects of concussion. Consequently, clinicians must often rely on subjective observations or patient self-reports to diagnose and track a concussion. This is where ImPACT can help.

Conducting baseline and post-injury neurocognitive testing using ImPACT helps to objectively evaluate an athlete's cognitive status to prevent the cumulative effects of concussion. And when baseline data are unavailable, ImPACT has a normative database of thousands of non-injured athletes, which can be used for effective evaluations and comparisons.

Who is behind ImPACT?

In 1995, the ImPACT team pioneered computer-based neurocognitive testing. Mark Lovell, PhD, ABPN, Joseph Maroon, MD, and Michael Collins, PhD, founded ImPACT in 2002. These professionals are world leaders in the field of concussion management and are committed to the ongoing development of advanced concussion management tools. ImPACT team members have dedicated the past 15 years to the scientific study of sports-related concussion and the clinical application of this knowledge throughout professional and amateur sports.

- 28 NFL Teams
- New Zealand Rugby
- USA Rugby
- Ontario/Western Hockey Leagues
- Professional Hockey
- Cirque du Soleil
- Swedish Soccer
- NFL Europa
- USA Olympic Hockey
- 18 MLB Teams
- US Soccer Federation
- USA Hockey
- Major/Minor League Baseball Umpires
- US Lacrosse
- USA Ski Team
- South African Rugby
- US Army
- 250+ Clinical Centers
- Major League Soccer
- US Navy
- 300+ Colleges and Universities
- US Military Academy
- 1,000+ High Schools
- US Air Force Academy

- FACT:** A concussion is a brain injury that frequently involves physical as well as cognitive symptoms.
- FACT:** About 10% of all student athletes in contact sports suffer a concussion during their season.
- FACT:** Recovery may take days or weeks, with individuals often experiencing dizziness, headaches, double vision, memory problems, irritability and depression.
- FACT:** Premature return to play following a concussion can lead to potentially serious consequences.
- FACT:** Proper management of the injury is the first step in avoiding long-term complications.



www.impacttest.com
Toll Free: (877) 646-7991



To find an ImPACT clinician in your area, go to:
www.impacttest.com



Concussion is a common injury, but is often difficult to diagnose and treat. ImPACT provides clinicians with invaluable information that can help take the guesswork out of **concussion management** and promote **safe return-to-play** decisions for athletes.



You wouldn't let him play football without wearing a helmet... why would you let him return to play without using ImPACT?

www.impacttest.com

ImPACT is a computerized program that evaluates and documents multiple aspects of neurocognitive functioning, including verbal and visual memory, attention span, brain processing speed, reaction time, and post-concussive symptoms. The user-friendly injury documentation system enables clinicians to track the injury from the field and through the recovery process.

Get Started Today...

STEP 1: Concussion Management Education

Work with your Athletes, Coaches, Parents, Athletic Trainers, Athletic Directors, Clinicians, Doctors, Nurses, etc.

STEP 2: Pre-season Baseline Testing with ImPACT

Have your athletes take the ImPACT Test to establish their baseline.

STEP 3: Sideline Evaluation

Use our standard sideline test to screen for a concussion and remove your athlete from competition, if needed.

STEP 4: Post-Concussion Testing with ImPACT

Repeat computerized testing in the days following the concussion to track your athlete's recovery.

STEP 5: Return-to-play Decision Support

Feel confident in your decisions. ImPACT provides clinicians with a state-of-the-art, medically-based program with clear guidelines to support timely and safe return-to-play.

ImPACT has proven to be an absolutely indispensable tool at our school. The more complete information obtained through ImPACT means I never have to second guess if I'm being too aggressive or conservative in returning athletes to play.

**Cliff Ashley, LATC, Former Head Athletic Trainer,
Berkshire School, Sheffield, MA**