



**RIVERVIEW**  
REHAB SERVICES

**CT™**  
**CONCUSSION TESTING**

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218.281.9463

East Grand Forks:  
218.773.1390

Fertile:  
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Concussions have remained a hot topic with continued research and findings on the long-term impacts of multiple concussions. The pressure to return to sports can often outweigh an athlete's long-term concern for their body. Investigations are being performed on Second-Impact Syndrome, "Parkinson type symptoms", "ALS/Lou Gehrig disease type symptoms", and "Alzheimers type symptoms" in former athletes who have sustained multiple concussions. At RiverView Health, our goal is to work with our patients, local schools, student athletes, and physicians to prevent these long-term consequences in our youth.

RiverView Rehab Services offers services in the evaluation and treatment of concussions through ImPACT™. ImPACT™ (Immediate Post-Concussion Assessment and Cognitive Testing) is an established computer-based test that measures clinical signs of a concussed athlete. These areas include reaction time, impulse control, memory, and concentration. If an athlete sustains a concussion, this ImPACT™ test can either compare the scores from a previous baseline test or compare it to established normative data for the appropriate age and gender. If there is a significant difference in one or all of the areas of concussion testing, a physician can better determine when an athlete should return to play.

ImPACT™ has been shown to be a very reliable tool for professional organizations (NFL, NHL, MLS, MLB), colleges, and high schools. Here's why:

- It has the ability to pick up on "sandbaggers" who intentionally lower their baseline scores specifically to set the bar a little lower so as to return to sports earlier.
- It can identify athletes who under-report or do not report symptoms at all.
- It can identify those who are vulnerable to Second-Impact syndrome by picking up on subtle changes that are too minute to identify clinically.

The ImPACT™ program at RiverView Health will be working with Dr. Erik Kantan, a Credentialed ImPACT™ Consultant (CIC), who will read, interpret, and assist in clinical decision making based on the ImPACT™ post-concussion testing.

If you want to refer somebody for this program (baseline or post-concussive) please contact RiverView Physical Therapy at 218-281-9463.