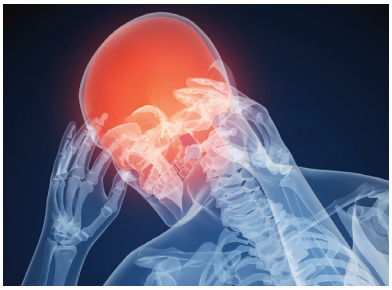
CHAMP Concussion Program



Baseline pre-concussion screening

The Concussion Health Awareness and Management Program (CHAMP) is an integral component of Beaumont's comprehensive approach to concussion care. CHAMP offers concussion education and baseline pre-concussion screenings for athletes and other individuals age 13 and older through the use of ImPACT (Immediate Post-Concussion Assessment and Cognitive Testing).

This group baseline screening program is funded with the help of corporate and private donations. It is available at no charge to schools, athletic teams and other groups.

Ensuring safe return to play

If and when a concussion does occur, health care specialists trained in concussion are able to compare baseline (pre-injury) test results with post-injury test results to diagnose and treat the concussion and determine when it is safe to return to play, school or work.

Office visit charges and post-injury ImPACT testing fees may apply to clinical encounters following the baseline screening. Most insurances are accepted.



Reference: U.S. Department of Health and Human Services Center for Disease Control and Prevention



More about ImPACT

ImPACT is a computerized brain injury measurement tool that helps health care specialists identify subtle changes in brain function, evaluate post-injury condition and track recovery. ImPACT is the most widely used and most scientifically validated computerized concussion evaluation system. It provides trained clinicians with neurocognitive assessment tools and services that have been medically accepted as state-of-the-art best practices.

The program has received numerous accolades and endorsements from many of the world's leading sports authorities, governing bodies, teams and athletes. It is in use by many teams in Major League Baseball, the National Hockey League and the National Football League, as well as thousands of high school and collegiate athletic programs.

Group baseline testing

One-hour prescheduled sessions. Offered in Troy at 755 West Big Beaver Road or at a library or computer lab near you.

To schedule a baseline testing session, call 855-469-4323.

Beaumont CHILDREN'S

Concussion Management: Five-Step Approach

Beaumont's five-step approach to concussion health management

Step 1. Pre-season baseline ImPACT testing and education

Students will be scheduled to take a supervised baseline ImPACT computerized test by a trained instructor. Each student will receive a baseline score. Students will also receive education on how to prevent a concussion and what to do if a concussion is suspected.

Step 2. Concussion suspected following a blow to the head

Students who have a concussion or may have had a concussion need to be immediately removed from play, activity or school. An appointment should be scheduled at Beaumont's Comprehensive Concussion Clinic within 72 hours for evaluation by a certified neuroscience health care provider.

Step 3. Post-injury testing and treatment plan

Students will take the ImPACT computerized test within 72 hours of sustaining the possible concussion and will be evaluated by a certified neuroscience health care provider. The ImPACT post-injury computerized test score will be compared to the student's baseline ImPACT score to assist in determining the best concussion treatment plan for each student. The student will receive a copy of the written treatment plan that can be used to guide any necessary modifications at school.

Step 4. Determine ability to return to non-contact activity

The student will be re-evaluated in the Beaumont Comprehensive Concussion Clinic to determine if the student meets the following criteria:

A) symptom-free at rest and with cognitive exertion

B) ImPACT test score is within normal range of baseline ImPACT test

C) normal physical exam

If A, B, and C are not met, then return to Step 3.

If A, B and C are all met, then the student will receive a stepwise return-to-play progression beginning with light non-contact activity and progressing to full non-contact exertion.

Step 5: Determine safe return to play

If the student's ImPACT test score is back to baseline and the student does not have any recurring symptoms at rest or during physical activity, then the student will receive written clearance to return to play.



The Beaumont Comprehensive Concussion Clinic will refer students to a specialist if the student's ImPACT test score is not back to baseline and/or if symptoms are still present three weeks following the concussion.

At what age should a child be ImPACT tested? How long does the test take?

ImPACT testing is recommended for children 13 and older. The first ImPACT test will provide a set of baseline results that can then be used to compare to post-injury results. The ImPACT test takes approximately 25 to 30 minutes.

While any child would benefit from ImPACT testing, it is especially useful for children involved in athletics who may have a higher risk of traumatic brain injury.

It is recommended that children have a baseline ImPACT test every two years until the age of 18 to account for aging and brain maturation.

If a child has already had a concussion and has never had a baseline test, the student can still take the post-concussion test and the results can be compared to normative data.

To connect with a Beaumont Concussion Clinic health care provider, please call 855-469-4323 or visit beaumont.edu/neuroscience.

For questions, please email neuroscience@beaumont.edu.

Reference: U.S. Department of Health and Human Services Center for Disease Control and Prevention

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