



▶ BASELINE NEUROCOGNITIVE TESTING WITH IMPACT AND CONCUSSION AWARENESS 1



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Concussion Sports

ADDRESSING THE NEEDS OF CHILDREN, ADULTS, AND ATHLETES FOR A SAFE FUTURE.

Our goal is to reduce the risk of recurrent brain trauma and long-term effects of brain injury and concussion that may have temporary or permanent health risks.

ImPACT Baseline Testing

With awareness of concussion injuries on the rise, NEAT (Neuropsychology Education Assessment Treatment) and Dr. Ambler is proud to offer baseline and post-injury ImPACT concussion testing for area athletes to assist them in determining their ability to return to play and monitoring neurocognitive status after suffering a concussion.

ImPACT

ImPACT (Immediate Post-Concussion Assessment and Cognitive Testing) is a brain assessment tool for children and adults who have sustained a traumatic brain injury (concussion). We encourage you to look at www.impacttest.com for more information regarding this process.

Baseline Testing

A baseline ImPACT test, taken before an injury occurs, provides pre-injury data on neurocognitive functioning. ImPACT measures multiple aspects of neurocognitive functioning, including: Attention Span, Visual and Verbal Working Memory, Sustained and Selective Attention, Reaction Time, Nonverbal Problem Solving, and Symptoms.

Post-Injury Testing

If an athlete sustains a concussion, he or she takes a post-injury assessment and results are compared to their baseline data, or age norms, to assess changes in neurocognitive functioning. Follow-up tests can be administered over days or weeks to help track the injury.



Concussion

A concussion is a disturbance in brain function that occurs following either a blow to the head or as a result of the violent shaking of the head. Although the majority of athletes who experience a concussion are likely to recover, an unknown number of these individuals may experience chronic cognitive and neurobehavioral difficulties related to recurrent injury. Symptoms may include: chronic headaches, fatigue, sleep disturbances, personality changes, sensitivity to light or noise, dizziness when standing quickly, deficits in memory and problems solving, decline in academic or work performance, and balance problems. This constellation of symptoms is referred to "Post-Concussion Syndrome."



ImPACT Post-Injury Assessment

Results of the baseline assessment will be stored within Dr. Ambler's secure ImPACT account. If requested, you can also receive a hard copy of the baseline assessment upon completion of the test.

The baseline assessment results may be used in the future to aid in the diagnosis and management of a concussion. When a concussion is suspected, a post-injury test is administered to see if the results have changed from the baseline. This comparison helps to diagnose and manage the concussion.



Baseline results are not effective in determining learning disabilities or to be used in other clinic or

functional assessment contexts.

The results of the baseline assessment will be reviewed only to verify that the assessment is valid and will not be reviewed for any diagnostic or other similar purpose.

ImPACT post-injury testing should be part of a comprehensive physical and neurocognitive assessment and not viewed as a stand-alone measure for decision making.

Group Pricing

The price for testing is based on group size:

- groups with over 20 athletes are \$20 per test,
- those under 20 athletes are \$25 per test.
- individual testing can also be done at our convenient location in Los Altos for \$50 per test.

CHRISTIAN AMBLER PhD

Neuropsychologist
Licensed Psychologist



Dr. Ambler's interests include concussion, brain injury, and neuropsychological sequelae of medical disorders. Dr. Ambler sees patients at Lucile Packard Children's Hospital at Stanford in the H.E.A.L. Program, and at his private office in Los Altos.



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CONTACT

TO SCHEDULE AN APPOINTMENT, REGISTER A GROUP, OR FOR FURTHER INFORMATION, PLEASE CONTACT DR. CHRISTIAN AMBLER DIRECTLY AT 650.815.6127, OR EMAIL christian@neatassessment.com.



Acknowledgement Of Baseline ImPACT Assessment Procedures

I have read and understand the document About the ImPACT Baseline Assessment. I have also been offered a copy of the document. I have had an opportunity to ask questions about the document and those questions have been answered to my satisfaction.

Name of Person Completing Baseline Test

Signature of Person Completing Baseline Test

Date

If the person completing the baseline test is a minor (younger than 18 years of age), or is otherwise unable to consent on his or her behalf, a parent or guardian must sign below.

Name of Parent/Guardian

Signature of Parent/Guardian

Date