



US DEPARTMENT OF DEFENSE

BLAST INJURY RESEARCH PROGRAM COORDINATING OFFICE

Risk Assessment and Surveillance

The Neuropsychological Symptom Inventory (NSI) is a Measure of Symptomatology and Accurately Validates Symptom Severity in the mTBI Population

Researchers at NICoE evaluated the efficacy of the NSI at assessing clinical changes in TBI patients participating in their intensive four-week interdisciplinary and holistic program. The NSI is used by the program to measure persistent symptoms associated with combat- and mission-related TBI and comorbid psychological health conditions. Prior to this study, the NSI had been used as an evaluative measure of a patient's condition at just one time point. In the current study, the NSI was a reliable indicator of response to treatment that could be used throughout the outpatient program to document changes in clinical symptoms in a military population. Additionally, NICoE validated the different NSI scoring modalities used when applying this assessment tool. Regardless of the modality used, the results were the same. These findings suggest that the NSI may be a valuable tool in objectively assessing benefits of treatment programs for patients with mTBI and comorbid psychological health conditions.