Diagnostics

Psychometric Investigation of the Abbreviated Concussion Symptom Inventory in a Sample of US Marines Returning from Combat

There is a lack of studies investigating the psychometric properties of the many screening tools that were rapidly developed to assess TBIs during OIF and OEF. This has a presented a challenge to properly screening for mTBI post-deployment. In a study published in *Applied Neuropsychology Adult*, researchers at Center for Rehabilitation Sciences Research (CRSR) at USUHS performed a psychometric investigation of the Abbreviated Concussion Symptom Inventory (ACSI) – a dichotomously scored, 11-item symptom checklist of postconcussive symptoms associated with mTBI. A total of 1,435 Marines took the ACSI within two to eight weeks of their return from combat deployments to Afghanistan; total scores were found to significantly differentiate between the different levels of head injury experienced by the Marines. Overall, the study supports the use of the ASCI in research settings requiring a psychometrically reliable measure of post-concussion symptoms.