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Neurological Outcome Scale for Traumatic Brain Injury (NOS-TBI)**

Availability:	<p>For more information about the instrument:</p> <p>Neurological Outcome Scale</p>
Classification:	Supplemental for Traumatic Brain Injury (TBI)
Short Description of Instrument:	<p>The Neurological Outcome Scale for Traumatic Brain Injury (NOS-TBI) is a 15-item scale modified after the National Institutes of Health Stroke Scale (NIHSS), but validated in a TBI population and containing items specific to TBI. Items include level of consciousness, vision, extraocular movements, facial paresis, limb strength, sensation, speech and language, olfaction, hearing, pupillary response, and gait (supplemental) and ataxia (supplemental).</p>
Scoring:	<p>Minimum score is 0 (no deficits) and maximum score is 58 (without supplemental items). Each item is scored 0-2, 0-3, or 0-4 and scores for each item are summed for a total score. Two supplemental items can be given to patients that are ambulatory and weight-bearing (measuring gait and limb ataxia) for an additional supplemental score. Higher scores reflect greater impairment.</p> <p>Completed by clinician (physician, therapist, nurse, psychologist, social worker); some training required and videotape, online certification training of the NIHSS is recommended. Administration time is 10-15 minutes.</p>
References:	<p>McCauley S.R. Wilde E.A. Kelly T.M. Weyand A.M. Yallampalli R. Pedroza C. Schnelle K.P. Boake C. Levin H.S. Moretti P. The Neurological Outcome Scale for Traumatic Brain Injury (NOS-TBI): II. Reliability and Convergent Validity. J. Neurotrauma. 2010;27:991–997</p> <p>Wilde EA, McCauley SR, Levin HS, Kelly TM, Weyand AM, Boake C, Pedroza C, Clifton GL, Valadka AB, Robertson CS, Shah M Moretti PM. Feasibility of using the Neurophysical Outcome Scale in adults with traumatic brain injury. J. Neurotrauma. 2010;27:975–981.</p> <p>Wilde E.A. McCauley S.R. Kelly T.M. Weyand A.M. Pedroza C. Levin H.S. Clifton G.L. Schnelle K.P. Shah M.V. Moretti P. The Neurological Outcome Scale for Traumatic Brain Injury (NOS-TBI): I. Construct Validity. J. Neurotrauma. 2010;27:983–989.</p>