

TBI EDGE outcome measures for in- and outpatient rehabilitation

The TBI EDGE task force reviewed 88 outcome measures covering the domains of body structure and function, activities and participation evaluating each for psychometrics and clinical utility for patients with traumatic brain injury. Through literature review, analysis, and a modified Delphi procedure, recommendations were formulated for outcome measures that are highly recommended for use in rehabilitation settings. Additional measures are recommended, but not as strongly. Some measures were characterized as reasonable to use, but with insufficient study in individuals with TBI, indicating need for further study of psychometrics of these measures after brain injury. Complete materials available at <http://www.neuropt.org/professional-resources/neurology-section-outcome-measures-recommendations>

Recommendations for patients with traumatic brain injury:

Highly recommended measures

Inpatient only: Coma Recovery Scale-Revised
Moss Attention Rating Scale

Outpatient only: High Level Mobility Assessment

Recommended measures (both in- and outpatient)

6 minute walk
10 meter walk
Berg Balance Scale
Community Balance and Mobility Scale
Disability Rating Scale
Functional Assessment Measure
Modified Ashworth Scale
Patient Health Questionnaire
Quality of Life after Brain Injury
Rancho Levels of Cognitive Function

Recommended measures (inpatient only):

Agitated Behavioral Scale
Barthel Index
Cog-Log and O(rientation)-Log
Disorders of Consciousness Scale
FIM

Recommended measures (outpatient only):

Action Research Arm Test
Apathy Evaluation Scale
Balance Error Scoring Scale
Community Integration Questionnaire
Dizziness Handicap Inventory
Global Fatigue Index
Sydney Psychosocial Re-integration Scale

Task force members: Karen McCulloch, PT, PhD, NCS and Anna de Joya, PT, DSc, NCS (co-chairs); Erin Donnelly, PT, NCS, Kaitlin Hays, PT, DPT, Tammie Keller Johnson, PT, DPT, MS, Coby Nirider, PT, DPT, Heidi Roth, PT, DHS, NCS, Sue Saliga, PT, MS, DHSc, Irene Ward, PT, DPT, NCS