

# TBI EDGE outcome measures for research

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 use in TBI research. Complete materials available at <http://www.neuropt.org/professional-resources/neurology-section-outcome-measures-recommendations>

## Recommendations for patients with traumatic brain injury:

### Body Structure/Function measures:

Agitated Behavior Scale  
Apathy Evaluation Scale  
Awareness Questionnaire  
Coma Recovery Scale-Revised  
Disorders of Consciousness Scale  
Dizziness Handicap Inventory  
Functional Status Exam  
Glasgow Coma Scale  
Glasgow Outcome Scale-Extended  
Global Fatigue Index  
Modified Ashworth Scale  
Montreal Cognitive Assessment  
Moss Attention Rating Scale  
Motivation for TBI Rehabilitation  
Neurologic Outcome Scale –TBI  
Orientation Log  
Patient Health Questionnaire  
Rancho Levels of Cognitive Function

### Activity measures:

2 minute walk test  
6 minute walk test  
10 meter walk test  
Action Research Arm Test  
Activity Measure Post Acute Care  
Balance Error Scoring System  
Barthel Index  
Berg Balance Scale  
Community Mobility and Balance Scale  
FIM  
Functional Assessment Measure  
Functional Gait Assessment  
Functional Reach  
High Level Mobility Assessment  
Sensory Organization Test  
Walking and Remembering Test  
Wolf Motor Function Test

### Participation measures:

Activity-specific Balance Confidence Scale  
Assessment of Life Habits  
Canadian Occupational Performance Measure  
Community Integration Questionnaire  
Craig Handicap Assessment & Reporting Technique-SF  
Craig Hospital Inventory of Environmental Factors-long and short forms  
Disability Rating Scale  
EuroQOL  
Impact on Participation and Autonomy  
Mayo-Portland Adaptability Inventory-4  
NeuroQOL  
Participation Assessment with Recombined Tools-Objective  
Quality of Life After Brain Injury  
Satisfaction with Life Scale  
SF-36  
Sydney Psychosocial Reintegration Scale  
WHO Quality of Life-BREF

**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