

Resource Summary Report

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Traumatic Brain Injury Model Systems National Data and Statistical Center

RRID:SCR_006736

Type: Tool

Proper Citation

Traumatic Brain Injury Model Systems National Data and Statistical Center
(RRID:SCR_006736)

Resource Information

URL: <https://www.tbindsc.org/>

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Description: The Traumatic Brain Injury Model Systems National Data and Statistical Center (TBINDSC) located at Craig Hospital in Englewood, Colorado, is a central resource for researchers and data collectors within the Traumatic Brain Injury Model Systems (TBIMS) program. The primary purpose of the TBINDSC is to advance medical rehabilitation by increasing the rigor and efficiency of scientific efforts to longitudinally assess the experience of individuals with traumatic brain injury (TBI). The TBINDSC provides technical assistance, training, and methodological consultation to 16 TBIMS centers as they collect and analyze longitudinal data from people with TBI in their communities, and as they conduct research toward evidence-based TBI rehabilitation interventions. The project design includes * The first prospective, longitudinal multi-center study ever conducted which examines the course of recovery and outcomes following the delivery of a coordinated system of acute neurotrauma and inpatient rehabilitation. * Includes large scale follow-up to 20 years post-injury. Available from this site are links to the TBIMS Presentation and TBIMS Update, which has information about the individual model systems and descriptions of the injury and followup data that are being collected. 2007-2012 Project Priorities * Improved long-term outcomes of individuals with TBI by conducting 1-2 site-specific research projects to test innovative approaches that contribute to rehabilitation interventions and evaluating TBI outcomes in accordance with the focus areas identified in NIDRR's Long-Range Plan. * Improved outcomes for individuals with TBI by participating in at least one collaborative research module project, which may range from pilot research to more extensive studies. * Continued assessment of long-term outcomes of TBI by enrolling at least 35 subjects per year into the longitudinal portion of the TBIMS database. * In carrying out research activities, each Center may select from the following research domains: Health and Function, Employment, Participation and

Community Living, and Technology for Access and Function. In addition, each Center must: * Provide a multidisciplinary system of rehabilitation care specifically designed to meet the needs of individuals with TBI. The system must encompass a continuum of care, including emergency medical services, acute care services, acute medical rehabilitation services, and post-acute services; and * Coordinate with the NIDRR funded Model Systems Knowledge Translation Center to provide scientific results and information for dissemination to clinical and consumer audiences.

Abbreviations: TBINDSC

Resource Type: data or information resource, topical portal, portal

Keywords: traumatic brain injury, rehabilitation, intervention, longitudinal, one mind tbi resource

Funding: National Institute on Disability and Rehabilitation Research

Resource Name: Traumatic Brain Injury Model Systems National Data and Statistical Center

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Alternate IDs: nlx_143874

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Ratings and Alerts

No rating or validation information has been found for Traumatic Brain Injury Model Systems National Data and Statistical Center.

No alerts have been found for Traumatic Brain Injury Model Systems National Data and Statistical Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Irankhah E, et al. (2025) Machine learning-enhanced causal inference of surgical decisions and rehabilitation strategies in traumatic brain injury. *Frontiers in neurology*, 16, 1685335.

Sudhakar SK, et al. (2023) Prevalence of comorbidities post mild traumatic brain injuries: a traumatic brain injury model systems study. *Frontiers in human neuroscience*, 17, 1158483.

Hart T, et al. (2022) Changes in social participation between 1 and 2 years following moderate-severe traumatic brain injury. *Frontiers in rehabilitation sciences*, 3, 945699.

Bamer AM, et al. (2021) Linking scores on the 4- and 5-item versions of the Satisfaction with Life Scale in people with traumatic brain, spinal cord, or burn injury: a National Institute on Disability, Independent Living, and Rehabilitation Research Model System study. *Journal of patient-reported outcomes*, 5(1), 59.

Quach N, et al. (2019) The Prognosis of Axial vs. Extra-Axial Lesions on Functional Status After Traumatic Brain Injury. *Frontiers in neurology*, 10, 1167.