

TBI and Aging

How does TBI interact or interfere with the typical aging process?

What are the differences in the neuropsychiatric profile of normal aging, versus aging with TBI, versus aging observed in patients with dementia?

Is TBI a risk for dementia? What type of dementia, and what are the other contributory factors?

Does TBI shorten life span? If so, what are the other contributory factors? How can this be prevented?

Factors that can influence outcomes after TBI

What factors are associated with good outcomes after TBI?

Is having a “navigator” or a person who helps guide someone with TBI and the caregiver through the healthcare system effective?

How do smart app therapies compare to traditional rehabilitation therapies in influencing outcomes?

What is the effectiveness of alternative interventions such as yoga, exercise, diet, supplements, neurofeedback, homeopathy, or mindfulness training?

What is the role of insurance in influencing outcomes?

What is the role of socialization in influencing outcomes? What are the different strategies to improve socialization and what constitutes the best form of socialization — connecting with family/friends vs group therapy?

TBI and addiction

How are TBI and addiction connected?

Do rates of alcohol and substance use increase or decrease after TBI?

What are the neurological and clinic-demographic factors associated with decline in substance use after TBI?

What is the relationship between TBI and other types of incident addictions? (e.g. obesity and food addiction; gambling, pornography)

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TBI and psychiatric problems

What tools should be used early on in schools, pediatric office, jail to screen for TBI in persons with ADD/ADHD and how often should it be done?

What type of childhood psychiatric problems predispose people to sustain TBI? (e.g. ADHD, ODD)

How is TBI treated differently in sports culture versus military culture?

TBI and culture

How do different cultures deal with brain injury?

Is TBI treated or assessed differently in different races? (e.g. Caucasians versus African Americans versus Asians)

TBI and the impact on caregivers

What kind of support/strategies would help prevent/minimize caregiver burnout?

What personality characteristics of caregivers help optimize recovery?

TBI and sexuality

How does TBI affect sexual functioning and sexuality?

What are the non-harmful and safe methods to express sexuality after TBI?

TBI and neuroplasticity

What are the factors influencing neuroplasticity after TBI?

Identification of biomarkers to improve effectiveness of medications in treatment of neuropsychiatric problems.

TBI and domestic violence

How common is TBI in people with domestic violence and brain injury?

What are rates and assessment methods to evaluate for TBI in persons with suspected domestic violence, given that many do not disclose domestic violence?

TBI and telemedicine

What are the different types of, and most effective telemedicine therapies in managing neuropsychiatric symptoms after TBI?