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Can severity of traumatic brain injury reveal neuropsychiatric disorders?

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Traumatic brain injury (TBI) occurs when a blow or jolt to the head or a penetrating injury results in damage to the brain. Traumatic brain injury (TBI) may cause psychiatric illness. This research reviews the evidence on the basis of an established set of causation criteria. The evidence is convincing for a strong association between TBI and mood and anxiety disorders. Substance schizophrenia is not strongly associated with TBI. Preliminary evidence suggests a biologic rationale for TBI causing psychiatric illness. Further and methodologically improved research is supported and required. TBI produces acute cognitive and anxiety-like disturbances associated with inflammatory changes in brain regions involved in spatial memory and anxiety. In addition, people may suffer from various psychiatric complications such as depression, posttraumatic

stress disorder, generalized anxiety disorder, obsessive-compulsive disorder, and other cognitive and behavioral sequel that might significantly increase the comorbidity of the victims. Psychiatric complications of TBI interfere with rehabilitative interventions and, more importantly, affect survivors' abilities to function autonomously following their discharge from hospital. Considering all of the above complications, TBI is one of the significant public health burdens. Literature has shown that only about TBI achieve long-term functional neuropsychiatric disorder following TBI. In this research, the severity of injury and situations of incidents leading to the development of neuropsychiatric and neurologic outcomes allow for targeted selection of patients for early intervention to prevent symptoms of TBI and other complicated outcomes.

Biography

Minoo Sharbafshaaer has completed her B.A at the age 22 years from psychology department Sistan and Baluchistan University, Iran. She is neuropsychologist researcher in hospital for 6 years. She has published more than 16 papers in valuable journals and has been serving as International Advisory Board (The IIER), Editorial Board (JMR) and Associate Editorial (PBSIJ).

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