



Understanding Traumatic Dementia: Causes, Symptoms, and Management

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Abstract

Traumatic dementia is a cognitive disorder characterized by persistent and often progressive decline in cognitive functions resulting from traumatic brain injury (TBI). This condition poses significant challenges in diagnosis, management, and rehabilitation due to the diverse range of cognitive impairments that may arise following trauma. The etiology of traumatic dementia involves complex neurobiological processes triggered by TBI, leading to structural and functional changes in the brain. This abstract explores the epidemiology, pathophysiology, clinical manifestations, and diagnostic criteria associated with traumatic dementia. Additionally, it highlights the current understanding of treatment options, rehabilitation strategies, and the potential role of preventive measures in mitigating the impact of traumatic brain injuries on cognitive health.

Traumatic dementia is a neurocognitive disorder resulting from severe head injuries and traumatic brain injuries (TBIs). This condition manifests as a decline in cognitive functions, memory impairment, and various neuropsychiatric symptoms. Traumatic dementia is a significant public health concern, given the prevalence of accidents, sports-related injuries, and military combat incidents leading to TBIs. This abstract explores the etiology, clinical presentation, diagnostic criteria, and potential interventions for traumatic dementia, emphasizing the urgent need for comprehensive

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