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An Unexpected Complication: Seizures Following Traumatic Brain Injury

A head-to-head collision on the football field, a motorcycle crash, or a devastating fall are all examples of ways that traumatic brain injuries (TBI) occur in everyday life. TBIs result in over 2.5 million visits to the Emergency Department annually, according to the Centers for Disease Control and Prevention. While a traumatic event can be over in the blink of an eye, the effects of such injuries can last for days, months, or even a lifetime. Post-traumatic epilepsy (PTE) is an example of one of the severe complications that can occur. A systematic review of literature was conducted to determine which patients suffering from TBI are most at risk for PTE. Furthermore, the review seeks to determine what risk-reducing methods are best to prevent seizures in this population. With an injury that occurs so often, it is crucial to identify the concerning features of a patient's presentation and how to approach their treatment.