

## **Head injury can precipitate the onset of migraine**

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Headaches are variably estimated as occurring in 25 to 78 percent of persons following mild TBI. Paradoxically, headache prevalence, duration, and severity is greater in those with mild head injury compared with those with more severe trauma. According to the International Headache Society (IHS) criteria, the onset of the headache should be within seven days after the injury. Recurring attacks of Migraine with and without Aura can result from mild head injury. Impact can also cause acute Migraine episodes, often in adolescents with a family history of Migraine. Originally termed "Footballer's Migraine" to describe young men playing soccer who had multiple migraine with aura attacks triggered only by impact, similar attacks can be triggered by mild head injury in any sport. Moreover, among US soldiers with Post-Traumatic Headaches mainly associated with blast trauma, most were of the Migraine-type. Biochemical and epidemiologic studies suggest that trauma may be the main etiologic factor of Migraine in some cases. Differentiating the different types of Post-Traumatic Migraine has diagnostic, therapeutic, and legal implications.