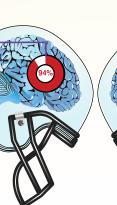
Post-traumatic HEADACHE

Each year in the United States about 44 million youth and 170 million adults participate in organized sports

Concussion can occur at any age, with any gender, and in any sport

Although most symptoms resolve in 1-2 weeks, symptoms may persist for weeks, months, or years in some individuals

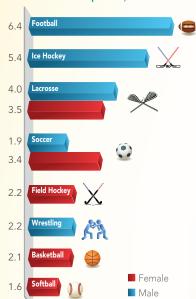


same features as **MIGRAINE**

Post-traumatic headache is the most common symptom of concussion and it can delay the return to sports, school, and work in some individuals

Headache specialists are uniquely trained to address post-traumatic headache

Concussion rate per 10,000 Athletic Exposures:



Pre-existing Post-traumatic **MIGRAINE HEADACHE** is a risk factor for following concussion concussion and should be treated early post-traumatic headache and aggressively Migraine is a risk factor A progressively worsening for prolonged recovery headache after concussion warrants prompt medical evaluation

R medication



1.7 - 3.8 Million Sports-related concussions occur



This is likely a significant underestimate since up to 50% of athletes do not report and/or recognize symptoms of concussion, nor does it take into account asymptomatic or subclinical concussive brain injury.

62% of post-traumatic headaches persist beyond 3 months

Early referral to a headache specialist may decrease the ikelihood of transformation to chronic headache



Over 36 Million people in the U.S. suffer from migraine or related headache disorders. A headache specialist is well equipped to differentiate headache and associated symptoms as a primary headache disorder versus symptoms of concussion. They can also rule out more serious causes of headache after concussion that may go undetected with routine imaging

Females and adolescents are at greater risk of developing post-traumatic headache





For equivalent sports, females have a 70% higher rate of concussion

After a concussion, symptom severity is typically higher in females

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