



Repetitive head impacts and chronic traumatic encephalopathy

Purpose

Among the issues associated with cumulative repetitive mild traumatic brain injury are persistent postconcussive symptoms and long-term problems in memory and cognition, including the development of chronic traumatic encephalopathy (CTE). McKee et al examine literature detailing studies performed to add to knowledge of rTBI and its effects.

Participants

N/A- literature review

How was the study conducted?

McKee et al examine literature detailing studies performed to add to knowledge of rTBI and its effects, especially CTE.

Findings

The researchers found that longterm longitudinal studies are needed to fill the gaps in clinical knowledge of rTBI, its effects, and the mechanism and treatment of CTE.

Military Impact

This review identifies gaps in knowledge of the mechanism and treatment of rTBI. Conducting studies to fill in these gaps will improve treatment of Veterans and service members with rTBI.

McKee, A. C., Alosco, M. L., & Huber, B. R. (2016). Repetitive head impacts and chronic traumatic encephalopathy. Neurosurgery Clinics of North America, 27(4), 529-535

<https://www.sciencedirect.com/science/article/pii/S1042368016300304>