

Emotional Dysregulation

Emotional dysregulation following a concussion is well established. New onset of major psychiatric diseases such as bipolar disorder (BPD) post-concussion has not been investigated. BPD typically presents with an initial depressive episode followed by mania and concurrent depressive and manic states. Multiple theories explaining the etiology of BPD exist, including the diathesis-stress model (DiSM), though an accepted theory is not established. In this case study, medical records of a 50-year-old ambidextrous male with co-morbid attention deficit hyperactivity disorder (ADHD) inattentive type, obsessive-compulsive disorder (OCD), and a family history of BPD suffered a motor vehicle collision (MVC) resulting in a grade II concussion. New onset BPD was diagnosed one-year after a concussion following an involuntary admission and led to the patient self-terminating his medications and suffering a hypertensive crisis and aortic dissection, and stroke. One year later, the patient was again involuntarily admitted for a suicide attempt. Bipolar disorder persisted unchanged indefinitely. This case study may serve as a real-world example of the DiSM in the etiology of BPD post-concussion

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Sabatose KW, Cufino N, Hahn W, Ibatullin M. Concussion May Result in New-Onset Bipolar Disorder: A Case Report. Cureus. 2024 Jul 17;16(7):e64731. doi: 10.7759/cureus.64731. PMID: 39156286; PMCID: PMC11329324.

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