

## Journal of Alzheimer s Disease & Parkinsonism

Short Communication

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were unremarkable. e neuropsychological pro le (Table 1) showed multi domain de cits, including episodic memory impairment, frontal lobe dysfunction, constructional apraxia, language de cits. e Mini Mental State Examination (MMSE) score was 20/30 and the functional scale shown the rst stage of a compromised self-su ciency. Brain MRI displayed a severe cortical and sub-cortical atrophy, with few vascular Citation: Grande G, Galimberti D, Maggiore L, Scarpini E, Mariani C, et al. (2017) Recurrent Head Trauma: A Trigger of the Alzheimer Cascade or the Cause of an Independent Pathologic Entity? - An Explicative Case of Chronic Traumatic Encephalopathy Mimicking Alzheimer's Disease. J Alzheimers Dis Parkinsonism 7: 408. doi: 10.4172/2161-0460.1000408 Citation: Grande G, Galimberti D, Maggiore L, Scarpini E, Mariani C, et al. (2017) Recurrent Head Trauma: A Trigger of the Alzheimer Cascade or the Cause of an Independent Pathologic Entity? - An Explicative Case of Chronic Traumatic Encephalopathy Mimicking Alzheimer's Disease. J Alzheimers Dis Parkinsonism 7: 408. doi: 10.4172/2161-0460.1000408

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in the last few years, observational and epidemiological reports on CTE among certain groups of athletes such as football players were so relevant that in 2013 the National Football League modi ed some rules of play to reduce the frequency and intensity of TBIs and consequently to protect the health of its athletes. Even, new experimental helmets will be soon tested in the football NCAA championship (National Collegiate Athletic Association) to reduce the consequences of TBIs.

In conclusion, we hope that our case, in synergy with previous similar cases, may reinforce the necessity to improve the knowledge on CTE pathogenesis to better understand also primary neurodegeneration and, by the other hand, that easy diagnostic paradigms and clinical exams will be individuated to allow a widespread follow-up of athletes espoused to recurrent TBIs to prevent CTE developement.

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