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Hyperbaric oxygen therapy (1.5 ATA) in treating sports related TBI/CTE: two case reports

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Despite adequate evidence, including randomized controlled trials; hyperbaric oxygen is not yet recognized as efficacious for treating various forms of brain injury, specifically traumatic brain injury. Political-economic issues have kept this benign therapy from being widely adopted despite the lack of viable alternatives. Two football players with TBI/CTE are herewith shown to benefit from being treated with hyperbaric oxygen as documented by neurocognitive examinations and functional brain imaging, in one case treatment commenced decades after the brain injury. Perhaps the interest in HBOT by those participating in high-risk sports will help expand this orphan therapy into mainstream medicine.