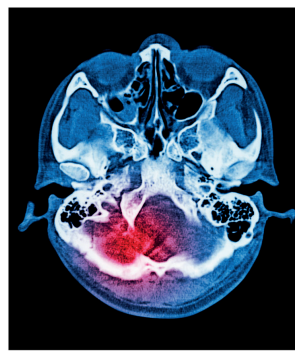


HYPERBARIC OXYGEN THERAPY

TBI & HYPERBARICS

Traumatic brain injury (TBI) is a major cause of disability and death world-wide. According to the CDC, 138 people are affected by TBI every day and these injuries contribute to approximately 30% of all injury deaths in the U.S. In 2010, about 2.5 million TBI related hospitalizations were recorded in the U.S. alone. Hyperbaric oxygen therapy (HBOT) has been demonstrated to enhance the recovery from Traumatic Brain Injury and augment brain activity by reducing hypoxia and neuroinflammation, while increasing circulation in the brain. Also, Hyperbaric Oxygen Therapy has been reported to synergistically improve the effects of other TBI therapies, such as standard intensive rehabilitation, accelerating the recovery of the TBI patient. Clinical studies have demonstrated the benefits of HBOT for TBI with the following:



ENHANCE NEUROLOGICAL REPAIR AND REGENERATION WITH HBOT

- ✓ Attenuates the Effects of Hypoxia and Inflammation in the Brain
- ✓ Promotes Neurogenesis
- ✓ Moderates Mitochondrial Disorders
- ✓ Enhances Stem Cell Mobilization and Proliferation
- ✓ Increases Penumbra Tissue Recovery
- ✓ Stimulates Neuroplasticity
- ✓ Induces Remyelination
- ✓ Augments Concussion Recovery

IMPROVE OVERALL FUNCTION WITH HBOT

- ✓ Advances Cognitive Function
- ✓ Improves Gross/Fine Motor Skills
- ✓ Enhances Speech & Language
- ✓ Alleviates Spasticity
- ✓ Lessens Frequency of Seizures
- ✓ Stimulates Better Eye Contact
- ✓ Improves Balance & Walking



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