

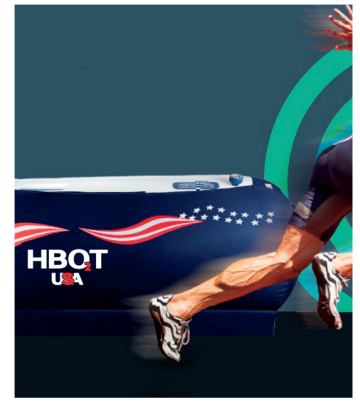


# HYPERBARIC OXYGEN THERAPY



## SPORTS & HYPERBARICS

Injuries caused by sports-related activities remain a substantial concern with players, coaches and parents alike. As inflammation and pain play primary roles with respect to recovery, hyperbaric oxygen therapy (HBOT) has been shown to significantly reduce inflammation and ameliorate pain. Additionally, HBOT can promote fibroblast/collagen activity to accelerate and enhance healing from surgeries and wounds. New evidence supports HBOT as an adjunct and practical treatment to help moderate the effects of traumatic brain injuries and enhance brain imaging results. HBOT is often utilized by physicians and patients to help reach a full recovery from high-impact insults to the body and is currently used by some of the U.S Olympic Teams to treat sports-related injuries as a part of their official medical techniques and equipment. Studies have demonstrated the benefits of HBOT for sports-related injuries with the following:



### ACCELERATE RECOVERY FROM SPORTS-RELATED INJURIES WITH HBOT

- ✓ Increases Collagen Production
- ✓ Reduces Inflammation & Pain
- ✓ Faster & Better Recovery from Sprains, Tears & Bone Fractures
- ✓ Stimulates Angiogenesis
- ✓ Enhances Recovery from Medial Collateral Ligament (MCL) & Anterior Cruciate Ligament (ACL) injuries
- ✓ Decreases Susceptibility Towards Reinjuring Target Areas
- ✓ Rapid Recovery from Concussions & Head Injuries
- ✓ Improves SPECT Imaging Results

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Continued...

### FASTER RECOVERY FROM SURGERIES WITH HBOT

- ✓ Increases Fibroblast Activation
- ✓ Reduces Inflammation for Optimal Pre-Op Conditions
- ✓ Reduces Risk of Infection
- ✓ Stimulates Stem Cell Proliferation
- ✓ Decreases Hospital Time

### AMPLIFY RECOVERY FROM INTENSIVE TRAINING WITH HBOT

- ✓ Accelerates Healing from Acute Muscle Strain
- ✓ Improves Blood Flow
- ✓ Proliferates the Production of Adenosine Triphosphate (ATP)

### ENHANCE PERFORMANCE WITH HBOT

- ✓ Improves Concentration
- ✓ Increases Serotonin Levels
- ✓ Accelerates Jet Lag Recovery
- ✓ Decreases Lactic Acid



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