



## HYPERBARIC **OXYGEN THERAPY**

# **ALZHEIMER'S / DEMENTIA** & HYPERBARICS

According to the National Institutes of Health, "Alzheimer's disease is an irreversible, progressive brain disorder that slowly destroys memory and thinking skills and, eventually, the ability to carry out the simplest tasks. It is the most common cause of dementia in older adults. Cognitive decline has become a significant concern in the Western World. Over 50% of individuals aged 60 and older express concerns about declining cognitive abilities. More than 5 Million Americans are living with Alzheimer's. 1 in 3 seniors die with Alzheimer's or another form of dementia. Between 2000 and 2018 Alzheimer's deaths increased by 146%."
\*2020 Alzheimer's Disease Facts & Figures. Alzheimer's Association.

Currently, no treatment for Alzheimer's exist. Until recently, medications and management strategies were the only options and they merely temporarily relieve symptoms.
Recent research shows promising hope for other options. In 2019 the first PET scan documented improvement in brain metabolism in Alzheimer's Disease. A 2020 study demonstrated that hyperbaric oxygen therapy (HBOT) can significantly enhance the cognitive performance of healthy older adults.





#### **ENHANCED PERFORMANCE**

- √ Improved Attention
- ✓ Increased Memory
- ✓ Enhanced Concentration

#### THE BRAIN ON HBOT

- ✓ Enhanced Processing Speed
- ✓ Enhanced Executive Function
- √ Improved Brain Blood Flow

### IMPROVED QUALITY OF LIFE

- ✓ Resolved Anxiety
- ✓ Better Sleep
- ✓ Ease of Conversation
- √ Appetite Improvement
- ✓ Induces Angiogenesis to Mobilize Blood Flow to Affected Tissue and Bone
- √ Stem Cell Proliferation
- ✓ Angiogenesis
- ✓ Enhanced Tissue Repair
- √ Improved Gross Motor Function and Ability
- Lower Incidence of Disorientation and Frustration
- Increase in Ability to Perform Activates of Daily Living



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