

HYPERBARIC OXYGEN THERAPY

AUTISM & HYPERBARICS & HYPERBARICS

The alarming number of children diagnosed with Autism Spectrum Disorders in recent years has tragically increased; from 1 in 150 in 2000 to 1 in 68 by 2012, according to the Center for Disease Control and Prevention. Due to that increase, more and more parents have turned to alternative forms of treatments to counteract the underlying symptoms of autism. Traditional medicines have often failed at producing desired results for many patients with autism and their families. However, studies have demonstrated hyperbaric oxygen therapy (HBOT) as an emerging treatment that parents and physicians are utilizing to help ameliorate the effects of ASD. This non-invasive treatment is as simple as a one-hour daily session, where the parent and child enter a hyperbaric chamber and receive increased levels of oxygen. HBOT has been shown to decrease inflammation and improve cognitive functions, which have substantially helped thousands of ASD patients. Studies have demonstrated the benefits of HBOT for autism with the following:



ENHANCE BRAIN HEALING & REPAIR WITH HBOT

- ✓ Increases Oxygen Delivery to Hypoxic Tissues
- √ Reduces Neuroinflammation
- ✓ Moderates Mitochondria Dysfunction
- √ Promotes Neurogenesis
- ✓ Stimulates Stem Cell Proliferation & Mobilization
- ✓ Reduces Seizure Frequency
- √ Actuates Neuroplasticity

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IMPROVE PHYSICAL FUNCTION WITH HBOT

- ✓ Promotes Receptive/Expressive Language
- √ Improves Movement & Walking
- √ Stimulates Better Eye Contact
- √ Improves Gross/Fine Motor Skills

ADVANCE MENTAL FUNCTION WITH HBOT

- ✓ Improves Sensory/Cognitive Awareness
- ✓ Increases Attention Span & Alertness

IMPROVE BEHAVIORAL FUNCTION WITH HBOT

- √ Improves Sleep Pattern
- √ Advances Social Skills & Interaction
- √ Reduces Aggression

IMPROVE DIGESTIVE FUNCTION WITH HBOT

- √ Reduces Gastrointestinal Issues
- √ Decreases Inflammation
- ✓ Enhances Nutritional Absorption

