

# Hyperbaric Oxygen Therapy

Achievement Center For Therapy

155 Granada Street, Suite M, Camarillo, CA. 93010 (805) 383-1497

## What is HBOT?

### Hyperbaric Oxygen Therapy

Hyperbaric oxygen therapy is a medical treatment which enhances the body's natural healing process by delivering oxygen under pressure,

By increasing the oxygen content in the blood, we can safely flood the tissues with oxygen. In a method that the body could never do on its own.

## How does it work?

**Hyperoxygenation** – By increasing the oxygen dissolved in the plasma (the liquid portion of the blood), the lymphatic fluid, and the cerebrospinal fluid, HBOT increases the oxygen available to damaged tissues, stimulating healing.

**Neovascularization** – HBOT stimulates blood vessel formation (angiogenesis) and

collagen (connective tissue) formation in areas that were previously resistant due to lack of oxygen.

**Hyperoxia enhanced antimicrobial activity** – HBOT reduces or eliminates the effects of toxic substances, bacteria, viruses, and yeast by increasing the tissue oxygen levels.

## What is it used for?



HBOT has been shown to be effective in a variety of ways such as:

- Stimulating new blood vessel growth and increased blood flow
- Elevating the body's natural immune defenses to fight infection, bacteria, & yeast
- Reduces swelling that may occur around damaged areas in the body & brain
- Speeds up healing by increasing tissue oxygen levels in the body

HBOT is proving beneficial in the management of *Autism, PTSD, M.S., Cerebral Palsy*, & many other conditions that are the result of low oxygen flow, inflammation, & excess bacteria.

*\*please note the FDA has approved HBOT for some conditions. Other treatment protocols may be considered off-label use and not within the scope of the FDA approval.*

*"The work definitively concluded that (HBOT) provided significant improvements in overall functioning, receptive language, social interaction, eye contact, and sensory / cognitive awareness as compared to children of the same study that did not receive the treatment (only a placebo)."*

*Double Blind Controlled Trial March 2009 – Dr. Rossignol, BMC Pediatrics.*