




# Hyperbaric Chamber

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 <https://healingsanctuary.clinic/hyperbarics/>

# Hyperbarics



## What Is A Hyperbaric Chamber?

Hyperbaric Oxygen Therapy (HBOT) is the **medical use of oxygen in a controlled, pressurized environment**. *The increased pressure allows oxygen to dissolve and saturate more effectively in the blood and body fluids (lymphatic fluid, plasma & cerebral spinal fluid).*

**This is a non-invasive therapy that allows all of the body's organs to receive more oxygen.**

## Application

*A typical session or dive is a 60 minute session. You can take 1-2 dives a day, up to 5 days a week.*



## HBOT Advances Healing of the Body in Diseases & Injuries Including:

- Addiction Recovery
- Alzheimer's / Dementia
- Anti-Aging
- Autism
- Autoimmune Disease
- Cancer
- Cerebral Palsy
- COVID-19
- Decompression Sickness
- Diabetes
- Inflammation
- Lyme Disease
- Neurology
- Plastic Surgery Recovery
- Sports
- Stem Cells
- Stroke Recovery
- TBIs
- Wound Treatment

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## *Some HBOT Benefits*

Improves tissue regeneration & Decreases DNA age  
Enhances overall recovery  
Stimulates osteogenesis  
Promotes neurogenesis (cognitive improvement)

Decreases oxidative stress to the brain  
Stimulates angiogenesis (formation of new blood vessels)  
Enhances stem cell proliferation & mobilization  
Combats cellulitis (bacterial skin infection) and closure of wounds



Enhances heart function & reduces risk of heart attack  
Enhances brain function & reduces risk of stroke  
Enhances memory & mental performance  
Improves sleeping cycle  
Resolves anxiety and lessens depression

Improves blood flow  
Increases collagen production  
Reduces inflammation & pain  
Improves lung pathology  
Reduces scar tissue

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## Addiction Recovery

**HBOT can help aid the detoxification of alcohol-dependent patients.** *HBOT repairs damaged neurons and aids in cellular detoxification, all necessary in alcohol recovery.* It can also **help improve circulation of damaged tissues and decrease swelling and inflammation.**

## Anti-Aging

Age-related diseases and degenerative maladies are a world-wide concern. *HBOT combats degenerate conditions by regenerating tissue, blood vessels and stimulating angiogenesis.* It may also help treat **Coronary Heart Disease, Macular Degeneration, Parkinson's Disease, Alzheimer's Disease, Osteoarthritis and immune related diseases.**

***After 20 sessions, your biological DNA age gets younger.***

## Cancer

Cancer grows in hypoxic environments and HBOT increases oxygen levels, *which in turn weakens tumors and reduces their aggression.* **HBOT also helps decrease tumor drug resistance and allows optimal therapy dosage to be achieved.**



## Decompression Sickness

During an HBOT dive, the air pressure is increased 2-3x higher than normal air pressure. *Under these conditions, your lungs can gather much more oxygen than would be possible breathing pure oxygen at normal air pressure.* When your blood carries this extra oxygen throughout your body, this **helps fight bacteria and stimulate the release of substances called growth factors and stem cells, which promote healing.**

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## Diabetes

HBOT has been shown to stimulate angiogenesis which helps ameliorate (makes a bad thing better) compromised blood flow and prevent organ failure. **Helps improve insulin sensitivity and increases skeletal muscle reception of glucose.** Also *promotes long-term blood pressure control and risk of ventricular arrhythmias.* **Helps heal diabetic and non-diabetic nonhealing wounds.**

## Inflammation

HBOT increases oxygen levels in the body, which travel through plasma, thus **reducing inflammation and pain.** Anti-inflammatory levels increase as well as cellular aid. **Swelling is reduced, which helps certain GI issues as well as the muscular system.** *Inflammatory Bowel Disease, Ulcerative Colitis and nutritional absorption are all improved.*



## Lyme Disease

Lyme Disease can lie dormant for years. Since HBOT can elevate tissue oxygenation, it **helps combat the bacteria in Lyme Disease, increases white blood cell activity and enhances antimicrobial responses to target the Lyme microorganisms.**

## Neurology

Neurological disorders affect people of all ages. HBOT helps increase levels of oxygen to **help recover & repair brain tissue, increase neuronal stem cell growth & improve cognitive functioning.**

*Neurological conditions that HBOT helps with include:*

**Autism, Cerebral Palsy, Fetal Alcohol Syndrome, Alzheimer's, Parkinson's, Huntington's Disease, Stroke, TBIs (Traumatic Brain Injuries), Spinal Cord Injuries & Concussions.**

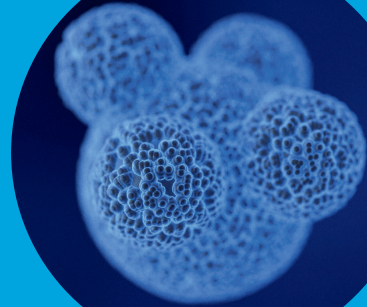
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## Plastic Surgery

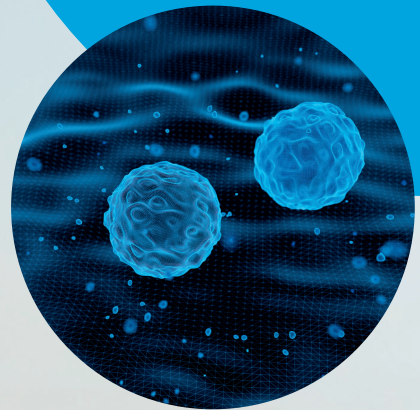
*Shorten recovery time and speed up the healing process with HBOT.*

By inducing new blood vessel growth, you can better **fight off ischemia, necrosis, infection, wound dehiscence and excessive scarring.** *Collagen production is enhanced as well as bone remodeling, neovascularization and vasodilation are stimulated.*



## Sports

Injuries caused by sports-related activities are always a concern for athletes. Since HBOT **significantly reduces inflammation and pain, promotes fibroblast/collagen activity and accelerates healing,** it is used world-wide by numerous patients and Olympians alike. *Recovery is accelerated for sprains, tears, bone fractures, concussions, head, MCL & ACL injuries.*



## Stem Cells

**Stem Cells serve as the body's repair system.** *They are the body's raw materials (cells from which all other cells with specialized functions are generated.)*

Under the right conditions in the body, stem cells divide to form more cells called daughter cells. These daughter cells become either new stem cells or specialized cells with a more specific function, such as blood cells, brain cells, heart muscle cells or bone cells. *No other cell in the body has the natural ability to generate new cell types.* **HBOT helps these cells replenish and regenerate the body from the effects of aging and disease.**