

Hyperbaric Oxygen (HBO) is an recognized and accepted therapy for the prevention and correction of conditions associated with an inadequate amount of oxygen being delivered to tissues and cells.

Increasing the air pressure around the body can have an effect...

...this is Hyperbaric.

Hyper simply means an increase, while *baric* refers to the ambient pressure. *Hyperbarics* is the process of increasing the atmospheric pressure around the body.

Hyperbaric technology was developed by the diving and underwater construction industries and advanced by the military for improving diving procedures and dealing with complications encountered by divers.

Using hyperbaric procedures while breathing 100% oxygen, it is a scientific fact that a higher quantity of oxygen can be dissolved into all body fluids...

...this is Hyperbaric Oxygen.

Inhaling 100% oxygen at increased ambient pressures results in more oxygen delivered further and deeper into damaged tissue and cells. Tissues and cells that are deprived of oxygen due to a trauma, disease, physical limitations or damage can then receive the necessary oxygen that is required for healing...

...this is Hyperbaric Oxygen Therapy.

This process can be used to provide and deliver the single largest ingredient the body requires to sustain life and heal itself...

...Oxygen.

Hyperbaric Oxygen is a safe, non-invasive therapy that will increase the amount of oxygen in the body.

Oxygen is necessary for sustaining life; it is an essential ingredient for the stimulation, preservation and growth of all tissues and cells. Oxygen is the primary ingredient that the body requires to promote and effect healing.

Hyperbaric Oxygen is a proven, accepted and recognized standard procedure that can provide oxygen into damaged and diseased areas of the body.

Hyperbaric oxygen may be effectively used for a wide range of disease and illness.

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CANADIAN
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OF HYPERBARICS



UNDER PRESSURE TO HEAL

HYPERBARIC OXYGEN THERAPY INTRODUCTION TO HYPERBARIC OXYGEN

CANADIAN
hyperbarics

SOME OF THE SPECIFIC APPLICATIONS OF HYPERBARIC OXYGEN THERAPY INDICATED FROM PUBLISHED MEDICAL JOURNALS:

- **Stroke / Traumatic Brain Injury** - HBO has been used since 1961 to stimulate healing and induce brain cell function.
- **Near Drowning** - With HBO, even more rapid correction of the anoxia ensues.
- **Neonatal Asphyxia** - Hyperbaric Oxygen has been shown to reduce the possibility of disability by a factor of four.
- **Cerebral Palsy** - HBO improves the hypoxic or anoxic state of brain tissue and facilitates repair of damaged brain tissue.
- **Epilepsy** - With additional oxygen delivered to the brain, normalization of function is possible.
- **Autism / ADD / ADHD** - Provides oxygen to the identified hypoxic areas of the brain.
- **Multiple Sclerosis** - No other treatment influences the long-term course of the disease.
- **Chronic Fatigue / ME / Fibromyalgia** - Correction of focal cerebral hypoxia can alleviate fatigue.
- **Migraine** - HBO alters the brain's electrical and metabolic activity, blood flow and tissue oxygen levels.
- **Rheumatoid Neuropathy** - The known effect of HBO for reducing edema may impair tissue swelling.
- **Peripheral Neuropathy** - Assists impaired nerve function and encourages new growth.
- **Sudden Deafness / Tinnitus** - Any treatment is intended to increase oxygen. For decades, HBO is a standard in Europe and Asia.
- **Immune System Building** - The white blood cell is highly dependent on available oxygen to work properly. Increased oxygen increases immune system function.
- **Lyme Disease** - Caused by anaerobic parasites, an increase of oxygen can kill or impair the organism.
- **Sports Injuries** - HBO is preferentially used in the rehabilitation of high-profile athletes to shorten recovery time.
- **Carbon Monoxide Poisoning*** - For decades HBO has been acknowledged as a first line of treatment against death and severe brain damage.
- **Non-Healing or Problem Wounds*** - HBO can prevent amputations more than 70% even after every other treatment has failed.
- **Non-Healing Amputations*** - Promotes the full healing of tissue and avoids further amputations.
- **Healing of Skin Grafts and Flaps*** - Increased oxygen will improve healing rate and quality.
- **Crush Injury / Compartment Syndrome*** - These are the medical terms for common injuries such as whip-lash - soft tissue injury from motor vehicle accidents, frost-bite, burns and other types of soft-tissue injuries. HBO can reduce serious swelling, prevent significant tissue damage and promote natural healing.
- **Acute Traumatic Ischemias*** - This is the medical term for soft-tissue injury that impairs blood flow. HBO can stop or impair the injury processes that will cause long-term disability.
- **Intracranial Abscess / Actinomycosis*** - A brain infection that is stopped by increased oxygen.
- **Burns*** - Specifically identified as being its own category since HBO is effective in saving tissue and preventing disfiguring skin grafting.
- **Exceptional Blood Loss (Anemia)*** - It is actually possible to keep a human alive in the absence of blood. HBO is a viable substitute (with restrictions) to blood transfusion.
- **Gas Embolism*** - A condition of air bubbles trapped in the body that is most commonly caused by medical treatment mistakes. Hyperbarics is the only known way to reduce bubble size.
- **Decompression Sickness*** - Commonly known as the Bends. HBO is the standard and only treatment for divers.
- **Osteomyelitis*** - Increased oxygen can impair or kill the infection and stimulate new bone growth, even after all other treatments have failed.
- **Gas Gangrene*** - High amounts of oxygen will impair the bacterial infection, hyper-stimulate the immune system and promote tissue growth and healing.
- **Necrotizing Soft Tissue Infection*** - HBO can stop the Flesh-Eating disease and effect new growth of tissue.
- **Delayed Radiation Injury*** - After severe damage caused by cancer treatments, HBO not only heals but can prevent radiation poisoning.
- Used with **Chemotherapy**, Hyperbaric Oxygen improves the effectiveness of cancer drugs and significantly lessens the life-threatening side-effects of these drugs.