MILD ANOXIC BRAIN INJURY

Anoxic brain injury is a type of brain injury caused by oxygen deprivation. This can cause serious damage, as the brain depends on oxygen to function properly. In fact, brain cells without enough oxygen will begin to die after about six minutes.

There are several ways someone could suffer anoxic brain damage. Nearly drowning, experiencing a decrease of oxygen flow to the brain due to a heart issue and overdosing on drugs are just a few examples. The effects of an anoxic brain injury can range from balance issues, memory loss, vision problems and/or loss of consciousness.

The use of Hyperbaric Oxygen Therapy can promote healing by restoring oxygen levels, and thus, improving the flow of oxygen-rich blood to the brain. This can result in blood vessel growth and damaged tissue repair, among other benefits.

How you will benefit from HBOT

- Reduces inflammation & swelling
- Encourages angiogenesis, or new blood vessel formation
- Stimulates stem cell release & migration to area of injury
- Repairs damaged nerves

HYPERBARIC

ARTHRITIS

Rheumatoid arthritis is considered an autoimmune disease that causes joint pain. Common symptoms include swelling, joint stiffness, fatigue, weight loss and redness. Rheumatoid arthritis, for which there's no cure, can also lead to bone erosion.

Osteoarthritis is the degeneration of joints over time from wear and tear. Inflammation is typically localized to the joint. Osteoarthritis is the most common reason total joint replacements occur.

Hyperbaric Oxygen Therapy increases oxygen in the bloodstream up to 1,200% above normal levels and dramatically decreases inflammation.

How you will benefit from HBOT

- Reduces swelling
- Decreases inflammation
- Reduces pain

HYPERBARIC

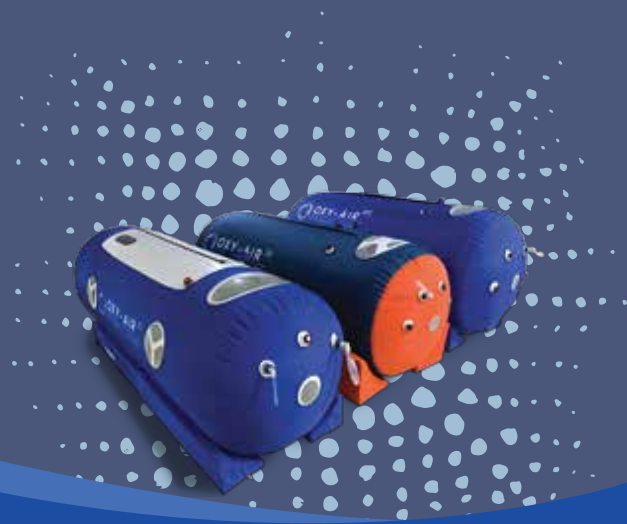
CEREBRAL PALSY

Cerebral Palsy is a condition caused by damage to the developing brain while in the womb or during childbirth. Common symptoms include lack of muscle tone, reflexes, motor control, and coordination. There is no known cure for cerebral palsy, but it is not progressive. Therapeutic interventions focus on preventing complications and helping patients live with daily challenges.

Hyperbaric Oxygen Therapy raises oxygen levels in the brain higher than any other therapy available, stimulating a cascade of positive changes to brain physiology.

How you will benefit from HBOT

- Increase oxygen levels in the brain
- Accelerate repair and recovery
- Enhance neurologic function
- Repair damaged brain tissue



HYPERBARIC

CANCER (TREATMENT SYNERGY)

When receiving treatment for cancer, HBOT can work in synergy with chemotherapy, radiation, and the ketogenic diet. It may also mitigate side effects of chemotherapy (such as “chemo brain”), radiation, and decrease the recovery time after surgical procedures. In addition, HBOT is FDA approved to treat latent radiation injury.

Some physicians and patients are concerned that HBOT may actually accelerate the growth of cancer. Several recent studies have shown this not to be the case.

The use of Hyperbaric Oxygen Therapy to treat cancer side effects aims to reduce the damage to healthy tissue and blood vessels caused by radiation exposure, helping the body become stronger and fight off the disease.

How you will benefit from HBOT

- Reduces side effects from radiation exposure
- Increases blood oxygen levels
- Helps regrow damaged blood vessels
- Improves immune system function
- Increases the release of stem cells from the bone marrow
- As a chemo and radiation sensitizer

HYPERBARIC

CHRONIC FATIGUE SYNDROME

Chronic Fatigue Syndrome (CFS) is a debilitating disorder that weakens the body for prolonged periods. Bed rest does not improve fatigue of this kind, and the condition is actually made worse by physical or mental exertion. The symptoms include muscle exhaustion, inability to sleep, joint pain, headaches, and difficulty concentrating.

Hyperbaric oxygen therapy seeks to relieve general fatigue and pain experienced by patients with Chronic Fatigue Syndrome.

How you will benefit from HBOT

- Relieve general fatigue
- Relieve pain
- Decrease inflammation

HYPERBARIC

CHRONIC PAIN

Chronic pain is any pain lasting more than six months. The pain level may vary from mild discomfort to excruciating, and can be continuous or episodic. Chronic pain remains in the nervous system for extended period of time, affecting not only a person's physical well-being, but sometimes their emotional health as well.

Hyperbaric oxygen treatment has been effectively used to reduce chronic pain, especially fibromyalgia syndrome, complex regional pain syndrome, myofascial pain syndrome, migraine, and cluster headaches.

How you will benefit from HBOT

- Reduce pain and tenderness
- Reduce inflammation
- Fights infection
- Creates new blood vessels

HYPERBARIC

COMPLEX REGIONAL PAIN SYNDROME (CRPS/RSD)

Reflex sympathetic dystrophy syndrome is a chronic condition that can cause serious pain. Symptoms include terrible swelling, burning, sensitivity to touch, and alterations in skin color, typically to purple or blue.

The use of Hyperbaric Oxygen Therapy to treat reflex sympathetic dystrophy syndrome may decrease swelling, improve blood flow, and decrease pain.

How you will benefit from HBOT

- Improves blood flow
- Reduces swelling
- Relieves pain
- Helps lessen skin sensitivity

HYPERBARIC

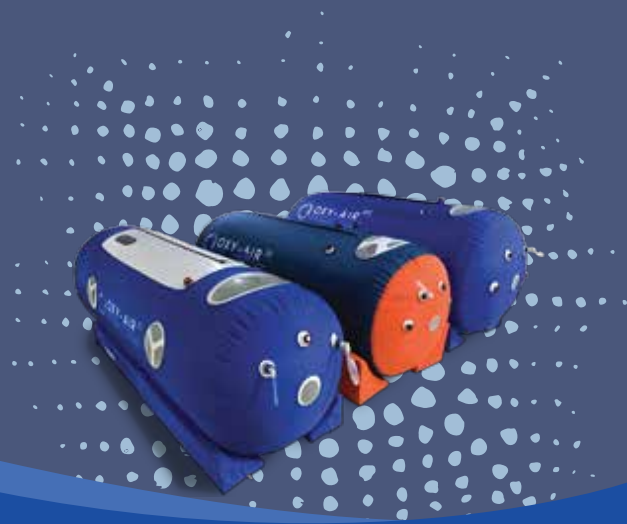
COMPLICATIONS OF SCLERODERMA

In Greek, Scleroderma means hardening of the skin. Scleroderma is a chronic connective tissue disease that is estimated to affect just over a quarter of a million Americans each year. One of the most obvious symptoms is hardening or tightening of the skin. Other symptoms of Scleroderma include joint pain, a heightened reaction to cold temperatures and acid reflux, in addition to potential problems to the heart, lungs or kidney.

Hyperbaric Oxygen Therapy can accelerate the healing of ischemic wounds that can result from Scleroderma.

How you will benefit from HBOT

- Reduces edema/inflammation
- Enhances oxygen availability to injured tissue
- Promotes fibroblast proliferation/collagen synthesis, decreasing fibrosis
- Enhances antibiotic efficacy
- Reduces incidence of infection due to the enhancement of leukocyte oxidative killing
- Increases tensile strength of healed tissue
- Increases angiogenesis



HYPERBARIC

CONCUSSION & TRAUMATIC BRAIN INJURY

Concussions are traumatic brain injuries (TBIs) that damage the brain. They are often caused by some type of external force, including wounds that penetrate the skull and closed-head injuries.

Concussions can have varying degrees of severity, but all are considered serious injuries that should be evaluated by a medical professional. Professional and adolescent athletes, particularly those involved in contact sports, tend to be more at risk. TBIs are also the signature wound of veterans returning home from Iraq and Afghanistan. However, anyone could suffer a concussion. Sports injures, car and motorcycle accidents, falls—all could result in brain trauma.

Symptoms—emotional, physical and cognitive—may include headache, dizziness, memory loss and personality changes. They can be short-lived or last for months or even years without resolving.

The use of Hyperbaric Oxygen Therapy to treat concussions and traumatic brain injuries in patients aims to relieve symptoms and accelerate recovery by promoting damaged tissue repair and angiogenesis, or blood vessel growth.

Watch this Video on How Joe Namath Reversed his Brain Damage **(Clic Here)**

How you will benefit from HBOT

- Facilitate accelerated recovery & potential neurologic tissue regeneration
- Reduces pain
- Creates new blood vessels
- Stimulates stem cell mobilization
- May reduce cognitive impairment

HYPERBARIC

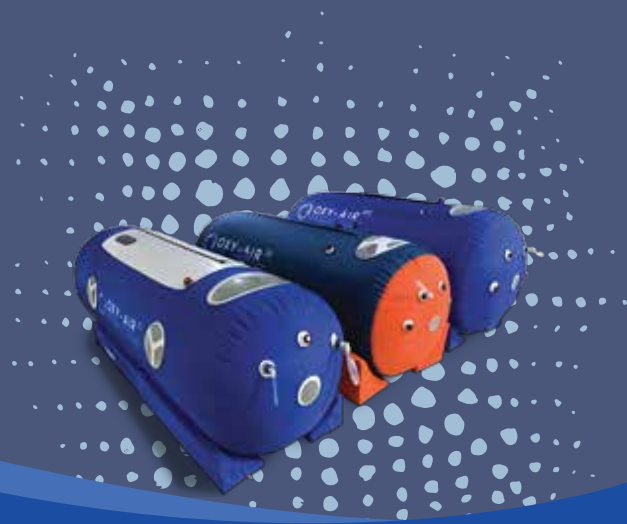
CROHN'S DISEASE

Crohn's disease is a chronic inflammatory disease of the gastrointestinal tract, especially the colon and ileum, associated with ulcers and fistulae. Symptoms range from mild to severe and may include frequent diarrhea, abdominal pain or cramping, reduced appetite, unexplained weight loss and rectal bleeding.

Hyperbaric Oxygen Therapy has been used to treat Crohn's disease and inflammatory bowel disease because it reduces inflammation, fights infection and decreases pain.

How you will benefit from HBOT

- Improves healing
- Increases oxygen levels
- Reduces swelling
- Decreases inflammation



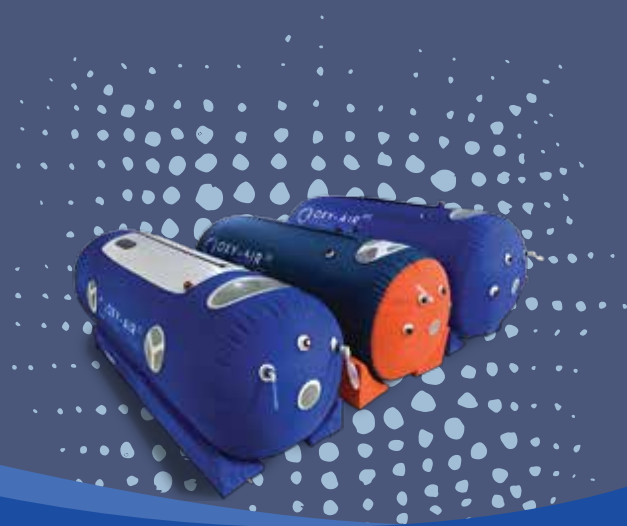
HYPERBARIC

FIBROMYALGIA

Fibromyalgia or fibromyalgia syndrome is a chronic pain disorder. Symptoms include widespread or localized muscle and joint pain, stiffness, swelling, and tenderness. Most people with fibromyalgia experience fatigue, sleep disturbances, headache, anxiety, and memory problems. Some also report high sensitivity to noises, lights, smells, and temperature changes.

How you will benefit from HBOT

- Reduce pain and tenderness
- Promotes stem cell mobilization
- Alleviates sleep disturbances
- Allows for accelerated repair, recovery and potential tissue regeneration



HYPERBARIC

INFLAMMATORY BOWEL DISEASE

Inflammatory bowel disease is a chronic inflammatory disease of the gastrointestinal tract characterized by reoccurring ulcerations, and includes Crohn's disease and ulcerative colitis. Symptoms include bleeding, weight loss, diarrhea, anemia and abdominal pain.

Hyperbaric Oxygen Therapy benefits patients suffering inflammatory bowel disease by increasing saturation levels within blood plasma and tissues, helping the body's natural healing process, reducing swelling and inflammation, and eliminating harmful bacteria.

How you will benefit from HBOT

- Improves healing
- Increases oxygen levels
- Reduces swelling
- Decreases inflammation

HYPERBARIC

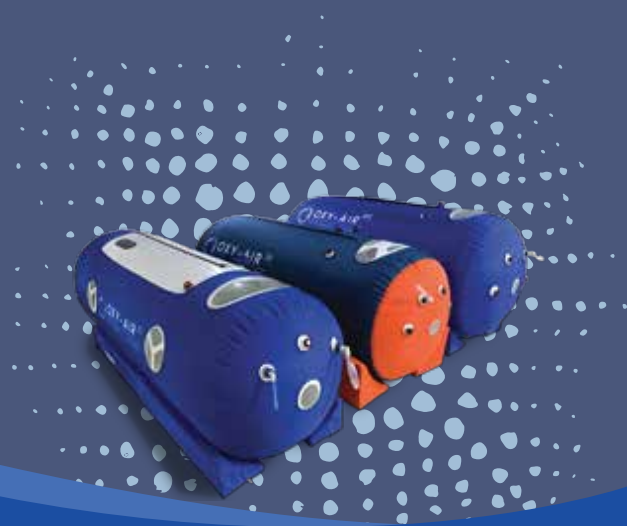
INTERSTITIAL CYSTITIS

Interstitial Cystitis is also known as painful bladder syndrome (PBS), bladder pain syndrome (BPS), and chronic pelvic pain. Symptoms include recurring pelvic pain, pressure, or discomfort in the bladder and/or pelvic region, and urinary frequency (needing to go often) and urgency (needing to go right away). The cause is not known but the symptoms can be debilitating

The use if Hyperbaric Oxygen Therapy to treat interstitial cystitis may significantly improve symptoms.

How you will benefit from HBOT

- Helps reduce the urgency of having to urinate
- Increases bladder capacity
- Minimizes pain
- Reduces inflammation
- Relieves symptoms



HYPERBARIC

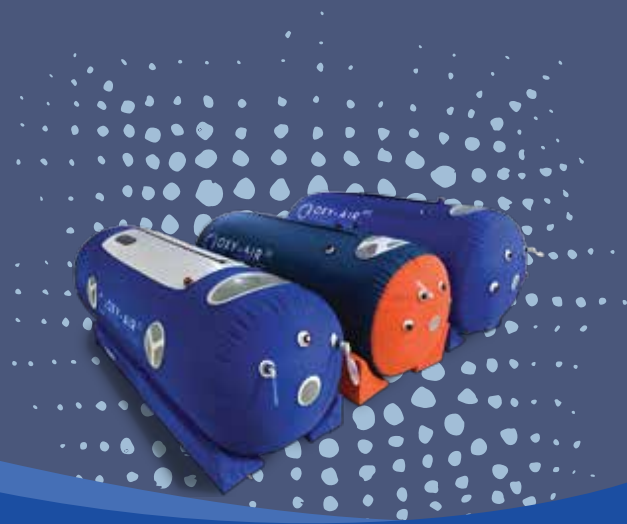
LYME DISEASE

Lyme disease is a tick-borne illness caused by the bacterium Borrelia burgdorferi. Symptoms of an acute infection can include fever, headache, fatigue, and skin rash but the infection can also be completely asymptomatic. It is most common in the northeast and upper Midwest but is found throughout the rest of the United States and most of the world. About 30,000 Lyme disease cases are reported annually although the vast majority go unreported.

Hyperbaric Oxygen Therapy seeks to attack the disease with enriched oxygen, which increases blood flow. Lyme disease is a microaerophile, meaning that it thrives in low oxygen environments. Hyperbaric Oxygen Therapy can directly kill the organism by flooding it with oxygen.

How you will benefit from HBOT

- Works synergistically with antibiotics
- Can directly kill the Lyme bacterium
- Decreases inflammation
- Improves immune system function



HYPERBARIC

MIGRAINE/HEADACHE

A migraine is a common reoccurring neurological syndrome characterized by severe headache, nausea, vomiting, disturbed vision, and hypersensitivity to lights and sounds. Other common symptoms associated with migraine's include chills, sweating, fatigue, weakness, loss of appetite, numbness or tingling, and difficulty speaking or concentrating. Cluster headaches are severe headaches, typically around the eye and only affecting one side of the head. They are often associated with watery eyes, nasal congestion, and swelling around the eye.

The use of Hyperbaric Oxygen Therapy to treat migraine and cluster headaches in patients aims to relieve symptoms and help mitigate the severity and frequency of attacks.

How you will benefit from HBOT

- Reduces inflammation & Headache
- Encourages angiogenesis, or new blood vessel formation
- Stimulates stem cell release & migration to area of injury
- Repairs damaged nerves

HYPERBARIC

MULTIPLE SCLEROSIS

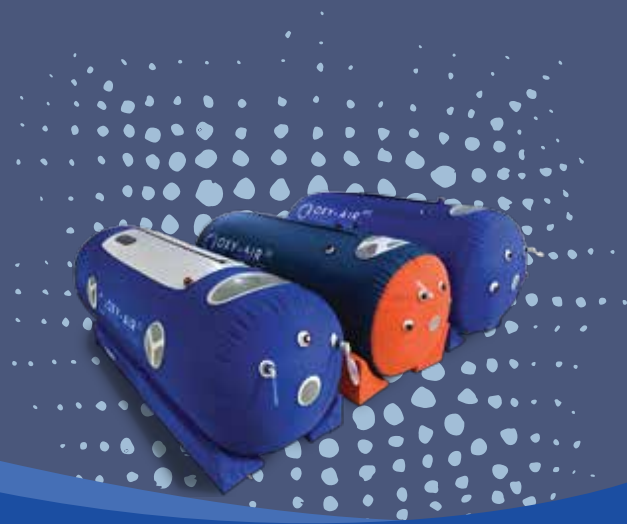
In Multiple Sclerosis, an abnormal response of the body's immune system is directed against myelin—the fatty substance that surrounds and insulates the nerve fibers—as well as the nerve fibers themselves located in the brain, spinal cord and optic nerves.

Multiple Sclerosis symptoms are variable and unpredictable but can include fatigue, vision problems, spasticity, walking difficulties, numbness or tingling, weakness, pain, bladder problems, and cognitive changes.

The use of Hyperbaric Oxygen Therapy to treat Multiple Sclerosis patients aims to relieve symptoms and to help prevent attacks and disabilities.

How you will benefit from HBOT

- Reduces inflammation
- May reduce pain
- Modulates the immune system
- Increases energy
- May reduce spasticity
- May reduce cognitive impairment

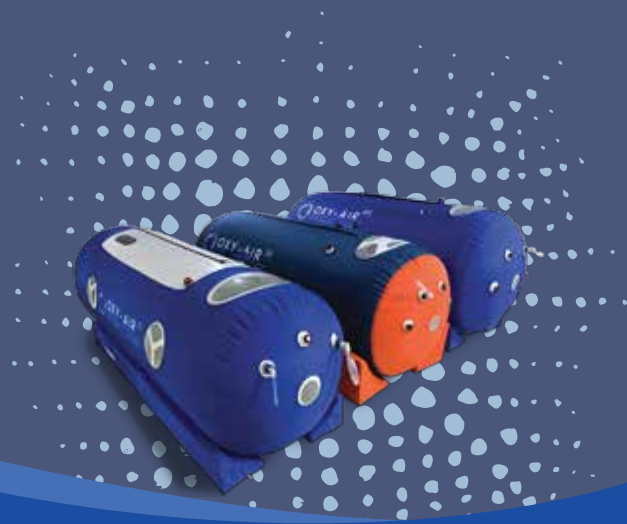


HYPERBARIC

PANCREATITIS

Pancreatitis is a condition in which the pancreas becomes inflamed. There are two forms of pancreatitis: acute and chronic. Acute pancreatitis is a sudden inflammation that typically lasts for a short period of time and goes away with treatment. Chronic pancreatitis, which generally occurs after acute pancreatitis, is a long-lasting inflammation of the pancreas. Symptoms include: nausea and vomiting, abdominal pain, fever, swollen and tender abdomen.

Hyperbaric Oxygen Therapy can decrease pancreatic inflammation, swelling, and the debilitating pain associated.



HYPERBARIC

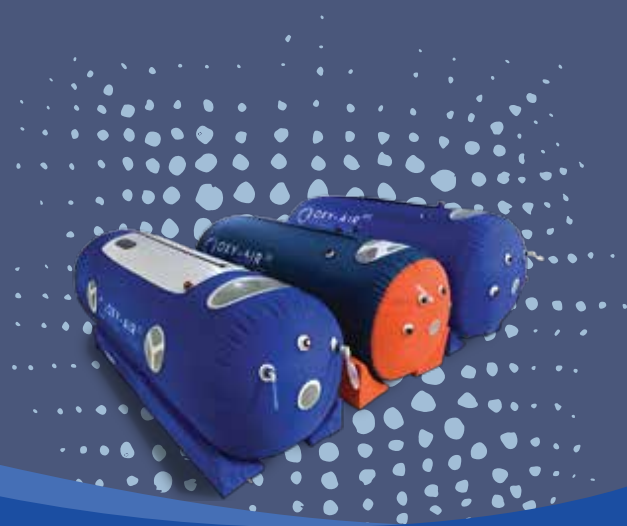
RETINITIS PIGMENTOSA

Retinitis pigmentosa (RP) is an inherited disease characterized by retinal degeneration. In this condition, photoreceptor cells in the retina, known as rods and cones, die. Since these cells are responsible for capturing images, their destruction results in symptoms that include night blindness, central vision loss, and the inability to distinguish colors.

Hyperbaric Oxygen Therapy can help patients experiencing retinitis pigmentosa by increasing dissolved oxygen levels in blood plasma and tissue, which may slow the degenerative process, aid healing, and stabilize their visual functionality.

How you will benefit from HBOT

- Slows degenerative process
- Stabilizes visual functionality
- Increases oxygen levels



HYPERBARIC

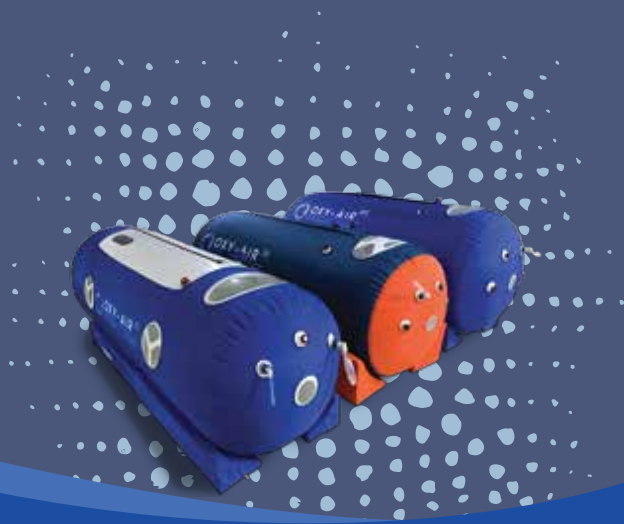
SPINAL CORD INJURIES

A spinal cord injury is damage to any part of the spinal cord or nerves at the end of the spinal canal. A spinal cord injury usually begins with a sudden, traumatic blow to the spine that fractures or dislocates vertebrae. The damage begins at the moment of injury when displaced bone fragments, disc material, or ligaments bruise or tear into spinal cord tissue. This often causes permanent changes in strength, sensation and other body functions below the site of the injury.

The use of Hyperbaric Oxygen Therapy to treat spinal cord injury patients aims to help improve function.

How you will benefit from HBOT

- Improve function
- Decrease recovery time
- Reduce neurological damage



HYPERBARIC

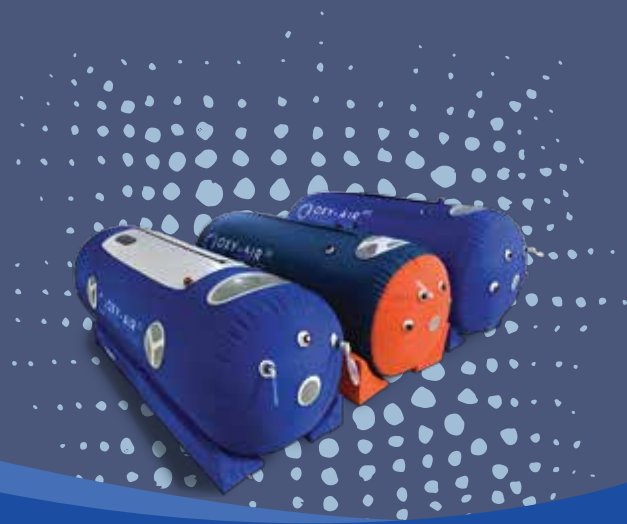
SPORTS INJURIES

Hyperbaric Oxygen Therapy plays an important role in optimizing athletic performance and recovery of athletic activities. But perhaps, more significantly, it also accelerates recovery from sports-related injuries and surgery, enabling athletes to get back on the field faster.

The use of Hyperbaric Oxygen Therapy to treat sports injuries aims to relieve symptoms, accelerate recovery, and optimize performance.

How you will benefit from HBOT

- Reduce inflammation & pain
- Optimize cellular function
- Accelerate recovery from on-field injury
- Stimulation of new blood vessel growth in injured tissue
- Mobilization of stem cells to area of injury
- Amplifies performance and recovery from training
- Decrease scarring



HYPERBARIC

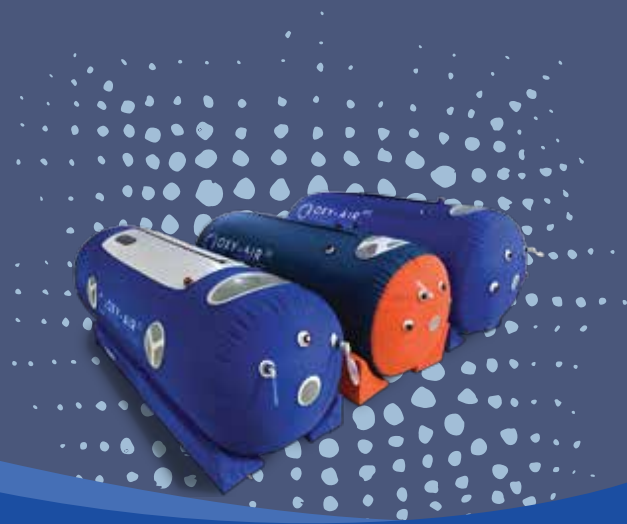
STROKE

A stroke is also known as a “brain attack” and occurs when the blood flow to an area of the brain is cut off. Brain cells and tissue deprived of oxygen and nutrients will begin to die within minutes. Depending on the location and size of oxygen deprivation in the brain, a stroke can lead to small or very large motor, cognitive, and/or sensory deficits.

The use of Hyperbaric Oxygen Therapy can reverse tissue oxygen deprivation in the acute setting and after the damage has occurred, HBOT can help re-grow blood vessels and regenerative nerve cells.

How you will benefit from HBOT

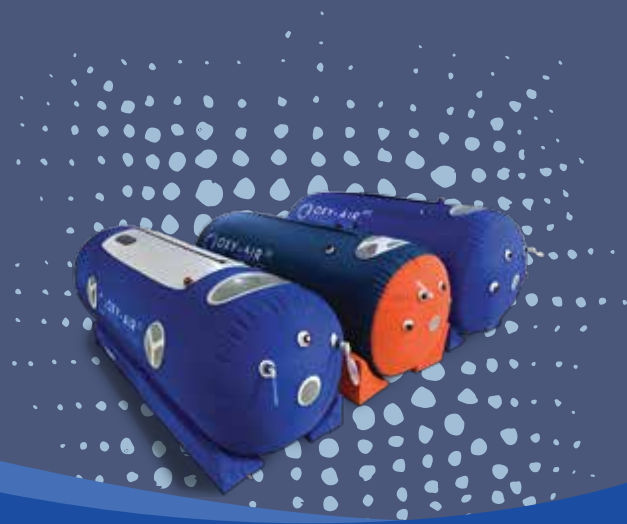
- May help reduce the amount of brain damage from swelling and inadequate blood supply
- Speeds recovery and rehabilitation
- Creates new blood cells
- Reduces inflammation in the brain
- Promotes stem cell mobilization



HYPERBARIC

SURGERY PREPARATION & ACCELERATED RECOVERY

All surgeries, even those performed to cure or improve medical conditions, result in wounds that the body will need to heal. Hyperbaric Oxygen Therapy optimizes the oxygenation (and thus the healing potential) of tissue prior to surgery and accelerates wound healing post operatively. Although there are many additional examples, pre and post surgical Hyperbaric Oxygen Therapy can improve recovery from orthopedic procedures or injuries such as an ACL tear, decrease bruising and swelling post plastic surgery, and improve tissue healing after cancer surgeries. HBOT is especially effective in complex surgical cases where where there is a high risk of wound healing complications.



HYPERBARIC

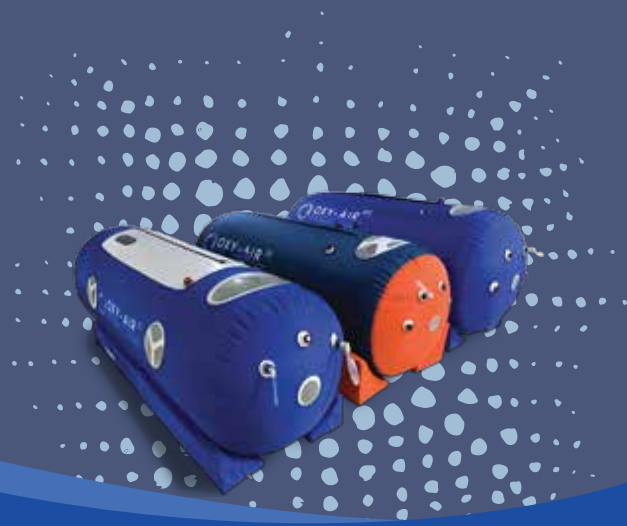
ULCERATIVE COLITIS

Ulcerative Colitis is a chronic disease of the large intestine, characterized by inflammation of its lining and the development of sores and ulcerations. An abnormal immune system response in which white blood cells misinterpret food and bacteria as invading substances, this condition is discomforting and can become painful. Symptoms include bloody stools, frequent bowel movements and debilitating abdominal pain.

Hyperbaric Oxygen Therapy benefits patients suffering from Ulcerative Colitis by increasing the oxygen levels in plasma and tissues which reduces inflammation and swelling, allowing the tissue to heal.

How you will benefit from HBOT

- Reduces inflammation
- Decreases swelling
- Increases oxygen levels in plasma and tissues



HYPERBARIC