

HYPERBARIC
O₂XYGEN
THERAPY



What is Hyperbaric Oxygen Therapy?

Hyperbaric oxygen therapy is a medical treatment that enhances the body's natural healing process and strengthens the immune system. The treatment takes place in a state-of-the-art chamber, and patients breathe 100% oxygen at pressures greater than sea level atmospheric pressure (the air we breathe contains only 21% oxygen). This pressurization allows for a higher concentration of oxygen to reach the tissues of the body, and accelerates the body's natural healing process. Approved by the American Medical Association and the U.S. Federal and Drug Administration (FDA), this form of therapy has been used for more than 30 years as a treatment for a variety of medical conditions, including non-healing wounds, radiation tissue damage and bone infections.

Benefits:

- Increased oxygen delivery to injured tissues
- Greater blood vessel formation
- Improved wound healing
- Reduced swelling
- Decreased risk of infection
- Preservation of damaged tissues
- Stimulation of new bone formation
- Diminished effects from toxic substances

Reimbursable Medical Conditions:

- Problem wounds stemming from an injury or illness (such as diabetes)
- Osteomyelitis (infection of the bone or bone marrow)
- Radiation tissue damage
- Osteoradionecrosis (bone healing difficulty due to high doses of radiation)
- Gas gangrene (tissue death due to loss of adequate blood supply)
- Compromised skin grafts and flaps (when grafts die due to inadequate blood supply)
- Traumatic crush injuries
- Compartment syndrome (compression of nerves and blood vessels within an enclosed space, leading to muscle and nerve damage)
- Necrotizing soft tissue infection (bacterial infection that can destroy tissues)
- Carbon monoxide and cyanide poisoning
- Air or gas embolism (gas bubbles trapped in the bloodstream, commonly associated with diving)
- Decompression sickness ("bends")
- Thermal burns
- Limb salvage, reattachment and amputations

Does Insurance Cover Hyperbaric Oxygen Therapy?

Most health insurance plans cover the conditions listed above. We are able to bill Medicare and Medicaid through our partnership with Renown Health. The amount of treatment approved by insurance varies according to plan benefits.

How Do Patients Obtain a Referral?

The patient's physician initiates the referral process by calling 775-826-2084. The physician and clinical director will discuss the patient's condition and determine their suitability for hyperbaric oxygen therapy.

How Many Treatments are Necessary?

The number of treatments depends on each patient's specific injury, illness or condition. Toxic exposure patients (such as carbon monoxide) only need one to two treatments, while most wound-healing patients may require 30 - 40 treatments for maximum benefit. In most cases, we obtain all authorizations for hyperbaric therapy prior to initiating treatment.

How Do Patients Prepare for Treatments?

Certain precautions must be taken to ensure maximum safety and therapeutic benefit, and patients receive detailed instructions prior to the first scheduled treatment. The instructions include a list of items not allowed in the chamber including jewelry, makeup, aftershave, hair spray, ointments, reading material and smoking supplies. Since the treatment involves 100% oxygen, we strictly prohibit all smoking materials during therapy, including lighters or matches. Patients also receive special cotton clothing to wear during treatments.

What Does the Treatment Feel Like?

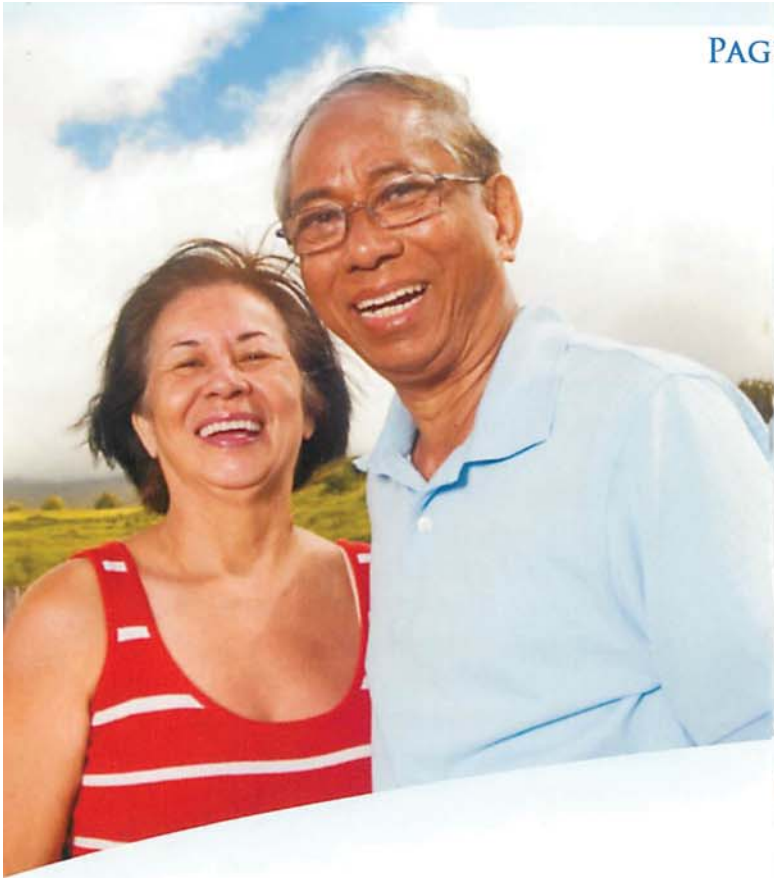
Hyperbaric oxygen therapy is a non-invasive and painless treatment. Patients watch TV, listen to music, or simply rest during their therapy sessions. Visible through the clear acrylic walls of the chamber, certified hyperbaric technologists attend every step of the process and patients can speak to them at any time through a two-way intercom.

As the eardrum responds to changes in pressure, patients may experience a sensation of fullness in the ears during certain stages of the treatment. The feeling is similar to the sensation felt while flying in an airplane. Before treatments begin, each patient listens to an introduction and treatment overview, including several easy methods for avoiding ear discomfort.

How Long Do the Treatments Last?

The average hyperbaric oxygen treatment lasts approximately 90 minutes. We recommend allowing an additional 30 minutes for preparation and departure time.





About Us

Northern Nevada Hyperbarics is a regional leader with 10 years of experience in treating patients with successful outcomes and operates in partnership with Renown Hyperbaric Oxygen Therapy. Our dedicated medical staff includes hyperbaric technologists and physicians certified in hyperbaric oxygen therapy.

Northern Nevada Hyperbarics works closely with Renown Health Wound & Ostomy Care, includes certified wound specialists with over 90 years of combined clinical experience.

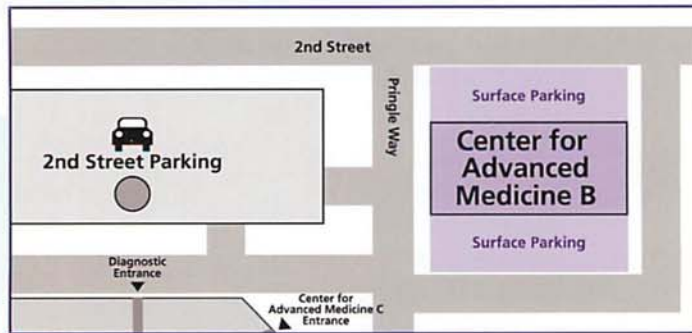
Janet Albright, MD, FACS Medical Director

Dr. Albright is a board-certified vascular surgeon with General & Vascular Associates and a member of the vascular section of Renown Institute for Heart & Vascular Health. She received her medical degree from the Medical College of Pennsylvania in Philadelphia and completed her residency in general surgery at the University of Nevada, Las Vegas. She also completed a vascular surgery fellowship at the University of Florida and an endovascular surgery fellowship at Mercy Regional Heart & Vascular Institute in Muskegon, Mich.

Richard Flyer, MS Clinical Director

Mr. Flyer brings 10 years of experience in hyperbaric medical practice and leads a team of certified hyperbaric technologists with a combined 50 years of clinical experience.





Directions From US 395

- ◆ Exit at Glendale (exit 67).
- ◆ Turn west.
- ◆ Cross Kietzke Lane. (Glendale Ave. turns into Second St.)
- ◆ Turn left at Manuel Street/Pringle Way.
- ◆ Enter Renown Regional Medical Center.
- ◆ The Center for Advanced Medicine B is the first building on your left. There is parking available outside the entrance to the center or in the Second Street Garage.
- ◆ Northern Nevada Hyperbarics is located on the ground floor.



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