

Hyperbaric Oxygen Treats Carbon Monoxide Poisoning and Smoke Inhalation

Use hyperbaric oxygen therapy in all acute cases of carbon monoxide poisoning and smoke inhalation, as it heals the body faster than any other treatment.

This is the **Patient view** of the brochure.



How Hyperbarics Helps



Helps remove CO and carboxyhemoglobin from the body, which helps the body recover from CO poisoning



Restores oxygen to tissues that have been deprived of oxygen



Delivers oxygen directly to the brain and to damaged tissues



Decreases inflammatory responses



Relieves pain

Hyperbaric oxygen therapy is a primary treatment modality in helping patients heal from CO poisoning and smoke inhalation. It also helps wounds heal and relieves pain

Inhaling carbon monoxide prevents oxygen from reaching the brain, heart, organs, and tissues, which causes carbon monoxide (CO) poisoning. CO poisoning can cause permanent brain damage, organ failure, and even death.

CO is a colorless, odorless gas that is produced by incomplete combustion of fuels such as natural gas, propane, and gasoline. Inhaling high levels of CO can quickly lead to symptoms such as



(408) 356-7438



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• 14589 South Bascom Ave Los Gatos, CA 95032



headache, nausea, dizziness, and confusion, and can rapidly progress to unconsciousness and death.

When you breathe carbon monoxide, it forms a dangerous compound called carboxyhemoglobin, which hinders your blood's ability to deliver oxygen to the body. Fortunately, Hyperbaric oxygen therapy removes carboxyhemoglobin faster than any other treatment, including oxygen alone, helping the body recover the most rapidly. It also super-oxygenates your body tissues and lungs, delivers oxygen directly to tissues that have been deprived of oxygen, and relieves pain. Hyperbaric oxygen therapy also decreases the inflammation processes that occur within the brain. It also enhances other aspects of the body's healing systems. For example, it improves the mitochondrial function within cells. Mitochondria are the powerhouse of the cells, which means that HBOT helps increase energy.

The effectiveness of hyperbaric oxygen therapy (HBOT) for Carbon Monoxide poisoning has been demonstrated in numerous studies and should be used in all acute cases of carbon monoxide

poisoning. One study, published in the New England Journal of Medicine, found that HBOT significantly reduced the risk of neurological sequelae (long-term neurological damage) in patients with acute CO poisoning. Another study, published in the Journal of the American Medical Association, found that HBOT reduced the risk of cognitive and neurological deficits in patients with mild-to-moderate CO poisoning. Smoke inhalation can accompany CO poisoning, and can cause its own damage to the lungs, nose and throat. Hyperbaric oxygen also helps heal from smoke inhalation by delivering additional oxygen directly into damaged areas, helping them to heal. Hyperbaric oxygen therapy can help heal from both CO poisoning and smoke inhalation, helps wounds heal and relieves pain. If you or someone you know has been exposed to high levels of CO, seek medical attention immediately and consider discussing the potential benefits of HBOT with a medical professional. It is important to receive HBOT from a trained and experienced medical professional in a certified hyperbaric facility, such as Bay Area Hyperbarics.

Patient Experiences

Listen to what real patients have to say about their experiences.





Warm & friendly, Joyce had a discolored patch about the size of a silver dollar on her breast. It was pale skin in striking contrast to the rest of her breast which was a beautiful coffee color.

She said the patch was still painful and she was not able to raise her arm above her shoulder. It just hurt too much. Thirty treatments of HBOT and she could swing her arm in every direction even above her head. The discolored painful patch had healed up and disappeared. Her skin was smooth and best of all it felt normal and didn't hurt.

Joyce, 33

Regained pain-free arm movement and removed discoloration on her breast



Amelia was a lovely and lively 72 year old poet and world traveler. However, radiation treatments from several years past had slowly destroyed the skin tissue and her underlying rib.

She had had two different surgeons try to close the hole that had appeared beside her nipple. The skin was fragile and would not regrow. She had 40 hyperbaric treatments, which regrew the skin and layers of breast tissue underneath.

Amelia, 72

HBOT regrew skin and layers of breast tissue where there previously was a hole in her breast.



Mary was a grateful, passionate and dedicated nurse who loved playing the piano. Seven years after a double mastectomy and radiation without reconstructive surgery, Mary had a patch of skin on the right side of her chest that kept thinning.

By the time we saw her, the skin had worn away, leaving a weeping patch of underlying tissue. The area was the size of her hand. She kept covered it with gauze and tape. It didn't hurt but the dripping was annoying and it could get infected which was dangerous not only for her but her patients as well. Also, the patch was continuing to grow bigger as the skin cells continued to die. This was a side effect of the radiation. The skin grew back with 40 treatments. Mary was happily able continue her nursing career.

Mary, 54

Her skin had worn away after radiation. HBOT grew her skin back

Patients: Get Started with Hyperbarics

Its easy to get started with Hyperbarics. Just follow these simple steps.

Give us a call

Did a physician refer you? If so, they can download and fax us back a patient referral form. If not, our medical staff will discuss whether hyperbarics is right for you.

We talk with your insurance

Our medical staff contacts Medicare or private insurance to receive authorization and create a plan with you.

Patient starts HBOT Our medical staff meets with the patient to ensure that HBOT

is appropriatre, and contacts Medicare or private insurance to receive authorization.

Call Us: (408) 356-7438





Scan for free consultation