

The effect of Hyperbaric Oxygen Therapy on Dementia

Researchers have found that Hyperbaric oxygen therapy creates neuroplasticity— that the brain can regenerate. Our dementia patients who have used Hyperbarics for dementia have seen significant improvements.



How Hyperbarics Helps



Reduces cell death (apoptosis)



Increases neuroplasticity (the brain's ability to regrow and rewire itself)



Can help idling neurons become active again in the brain



Reduces inflammation in the brain



Builds new blood vessels, including those in the brain



Increases oxygen



Increases the length of telomeres. Decreasing telomere size is a key factor in aging



Generally improves dementia symptoms



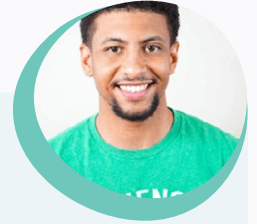
Hyperbaric oxygen therapy has been proven to help regenerate nerve fibers in the brain. It can also increase the size of Telomeres, which is associated with anti-aging. While HBOT cannot help every patient with dementia, it has shown promise with a large percentage of patients.

We know that Hyperbaric Oxygen Therapy (HBOT) has multiple healing effects on the brain. We used to think that the brain only deteriorated as we aged. Now, we know that the brain regenerates, grows and changes. This process of growth and rewiring is called neuroplasticity, and HBOT has been shown to stimulate neuroplasticity. Even more than that, there has been exciting research showing that the use of hyperbaric oxygen treatments helps reverse aging. Vascular dementia is the most studied form of dementia to be treated with hyperbaric oxygen therapy. Given that we have no conclusive tests to identify Alzheimer's, there are fewer studies on Alzheimer's and HBOT in particular. We at Bay Area Hyperbarics have treated numerous cases of dementia during our 24+ years

of healing our community. Our dementia patients have improved significantly. For example, an 84-year-old man with dementia was brought in by his wife, who said he could no longer read, and spent most of his time on the sofa watching television. She said he kept bothering her frequently, asking her to sit with him in front of the TV. She was unhappy, because he no longer wanted to hike with her or work in the garden or around the house. After his HBOT treatments, he began reading books again and carried on discussions with her as he had years prior. The best result for her was that they again began hiking together. Results like these fill us with joy, and it's why we do what we do. Hyperbaric oxygen therapy truly improves lives, and that's why we do what we do.

Patient Experiences

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



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Kevin had suffered several concussions while playing football. Previously a very good student, he found himself unable to attend High School classes. Instead, he lay most days on his bed in his darkened room depressed, unable to read, talk, or hang out with his friends. His parents were frantic. Kevin had tried prescription drugs and therapy which helped some with his systems. However, they did not eliminate the headaches, fatigue or improve his mood. They did not get him up and back to school. After HBOT, Kevin could attend school again and interact with his friends. HBOT made a major impact on on bringing back Kevin's cognitive and emotional health and well-being.

Kevin, 18

Improved functionality was hampered due to injury caused while playing football.



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Mara had severe brain trauma at birth, so at 3 months old, her mom brought her into HBOT. She had a severely misshapen head, a tube in her stomach to feed her, and a tube to help her breath. Tragically, Mara's mother was told her baby would never recover nor respond like a normal child. She had already returned to the hospital twice for complications with her conditions. Mara's mother brought her in 5 days a week for treatment with HBOT. When Mara finished hyperbarics, her tubes had been removed. She could breathe on her own. She was able to eat and swallow food like a normal child. And Mara was strong enough to sit up and wave bye bye when encouraged. The nurse in the Pediatrician's office burst into tears of joy, when she saw the improvements in Mara's conditions.

Mara, 3 months old

Gained the ability to sit up, which she was unable to do because of severe brain trauma at birth.

Patients: Get Started with Hyperbarics

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

1 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.

2 We talk with your insurance

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

3 Patient starts HBOT

Our medical staff meets with the patient to ensure that HBOT is appropriate, and contacts Medicare or private insurance to receive authorization.



Physicians: Refer a Patient

Refer a patient in three easy steps.

1 You submit patient's information

As a provider, your office fills out and faxes back the Patient Referral Form. Have questions? Call us!

2 We get authorizations

We make sure the patient understands treatment and then follow the prescribed protocol to get the patient on the road to recovery!

3 Patient starts HBOT

Our medical staff meets with the patient to ensure that HBOT is appropriate, and contacts Medicare or private insurance to receive authorization.



Continued on the following page

Reach out to us

We're here to help.

Contact us today to learn more about how hyperbaric oxygen therapy can help you.



Call Us: (408) 356-7438

FOR PATIENTS



Scan for free
consultation

FOR PHYSICIANS



Scan for Patient
Referral Form