



ALTA INTEGRATIVE MEDICINE and WELLNESS COMPLEX



HYPERBARIC OXYGEN THERAPY

BE STRONGER AND YOUNGER.



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PERPETUAL HELP MEDICAL CENTER - LAS PIÑAS

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HYPERBARIC OXYGEN THERAPY (HBOT)

HBOT is a medical therapy that enhances the body's natural healing process by breathing in 100% oxygen in a pressurized chamber. Its used as a treatment for a wide array of medical conditions and is usually a part of an overall medical care plan.

In **Hyperbaric Oxygen Treatment (HBOT)**, you are subjected to high-pressure, high-concentration pure oxygen. Normally, oxygen is carried by the red blood cells to the different areas of the body, but in areas where perfusion is compromised, oxygen delivery is also compromised. In **HBOT**, oxygen is dissolved directly into the plasma, the liquid component of the blood. In the process, oxygen goes to areas where red blood cells can't normally go including the tissues with narrowing blood vessels, as well as the blood-brain barrier.

HBOT is helpful in tissue repair and recovery, especially after trauma or a surgical procedure. It also facilitates preservation of muscle functions following a stroke.

By providing pure oxygen in a pressurized chamber, **HBOT** delivers 10-15 times more oxygen to tissues within the body.

Patients suffering from Alzheimer's disease, Parkinson's disease, cognition problems, and other neurological problems can also benefit from **HBOT** since it greatly improves the oxygen concentration in the brain.

The higher oxygen concentration in the muscles also enhance strength, endurance, and stamina, contributing to the overall performance of athletes.

For aesthetic concerns, **HBOT** is an effective treatment for anti-aging. Oxygen repairs tissue damage and stimulates cell regeneration. In the process, the aging of organs slows down. The overall effect is the maintenance of better organ functions and a more body and youthful appearance.

BENEFITS OF HBOT:

- Improved rate of healing
- Decrease swelling and inflammation
- Increase the body's ability to fight infection
- Promotes new blood vessel growth (stem cells provide new cells for the body as it grows and replace specialized cells that are damaged or lost.)

Source: hyperheal.com/hyperbaric-oxygen-therapy/

