



BioBarica
MEDICAL HYPERBARIC SYSTEMS

Medical Clinic

Proven therapeutic efficiency

Hyperbaric Oxygen Therapy

- ✓ Chronic fatigue
- ✓ Geriatrics
- ✓ Crohn disease
- ✓ Fibromyalgia
- ✓ Migraines and headaches
- ✓ Tinnitus and sudden deafness

It has no
adverse effects



Hyperbaric oxigenation
is a safe and non-invasive therapy

Hyperbaric oxygen treatment consists of administering high concentrations of oxygen to the patient in an atmosphere at a pressure of 1.4ATM. Oxygen enters the body, to be distributed by the circulatory system to all organs and tissues. This therapy produces beneficial physiological effects on the body and is indicated for chronic and neurodegenerative diseases with inflammatory component. It also prevents lesions in patients with agiopatía or neuropathy and accelerates the wound healing process.

▶ Neovascularization

Hypoxia stimulates the formation of new vessels from two processes: angiogenesis and vasculogenesis.

▶ Vasoconstriction

The increase of O2 available in small arteries and capillaries help reduce edema and inflammation.

▶ Regulation of oxidative stress and inflammatory response

Acts on mediators of the inflammatory response and decreases oxidative stress, triggering the anti inflammatory process with decreased cellular damage.

▶ Cellular immunity

Polymorphonuclears use free radicals as a bactericide mechanism . The presence of oxygen encourages this process and stimulates cellular immunity.

▶ Stimulation of stem cells

Benefits differentiation and migration of stem cells, helping the tissue repair process and formation of new vessels.

▶ Neuroprotection

In addition to improving perfusion, due to the formation of new blood vessels and brain oxygenation, the hyperoxia increases neuroplasticity and stimulates peripheral axonal regeneration.



Tinnitus



Migraine



Geriatrics



Fibromyalgia

Pathology	Number of cases	Therapeutic Efficiency	Average prescribed sessions	% Sessions Achievement	Patient's Satisfaction	Average Session	Patient's Evolution
Tinnitus	86	91%	20	90%	86%	63 min	93%
Crohn disease	46	91%	35	92%	96%	62 min	90%
fibromyalgia	60	92%	40	94%	83%	63 min	86%
Migraine	38	96%	25	96%	95%	66 min	95%
Chronic fatigue	36	96%	30	87%	100%	65 min	90%