

MULTIPLACE Hyperbaric Chambers

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Hyperbaric Chambers

- ✓ Modular concept
- ✓ Compressor, 550 LPM
- ✓ Working pressure : 1.5 ATA or 2 ATA
- ✓ Control Panel
- ✓ 2 VIP Comfort seats
- ✓ Automation System
- ✓ 20mm PMMA Clear Acrylic Door
- ✓ LED Light
- ✓ UVC
- ✓ 2 USB Ports
- ✓ Intercom/ indoor, outdoor
- ✓ Adjustable compression and decompression speed (slow/medium/fast)
- ✓ Air conditioning system (Optional)
- ✓ Entertainment Smart TV (Optional)
- ✓ Oxygen Concentrator (Optional)
- ✓ Sensor O2 & CO2 (Optional)

Hyperbaric Oxygen Therapy

Mechanism of HBOT

Patient breathes high doses of O₂ in a hyperbaric environment

The strong HYPEROXIA increases oxygen volume dissolved in the blood plasma

Greater oxygen diffusion reaches less irrigated tissues

This hyperoxia produces a wide range of physiological body benefits

It has no adverse effects



Beneficial Effects of Hyperoxia

Hyperoxia produces a long chain of Physiological effects including :



Vasoconstriction



Stimulation of cell



Stem cells stimulation



Angiogenesis



Stimulation of collagen synthesis



Peripheral axonal regeneration stimulation



Osteogenesis



Oxidative stress and inflammatory response regulation



Cerebral blood flow increase and redistribution



Greater success of flaps and implants

Applications

Pain Management

- ✓ Injuries
- ✓ Fibromyalgia
- ✓ Rheumatologic diseases
- ✓ Acute and chronic wounds
- ✓ Low back and joint pain
- ✓ Migraines
- ✓ Peripheral vascular disease
- ✓ Pain related to inflammation

Wound Healing

- ✓ Diabetic foot
- ✓ Ulcers
- ✓ Bedsores
- ✓ Grafts
- ✓ Post surgical wounds
- ✓ Chronic wounds
- ✓ Traumatic injuries
- ✓ Acute necrotizing infections

Rehabilitation

- ✓ Post stroke
- ✓ Parkinson and Alzheimer
- ✓ Cerebral hypoxia
- ✓ Facial paralysis
- ✓ Muscle, osteoarticular, post surgical and trauma injuries
- ✓ Cerebral palsy
- ✓ Autism