

Premium Hyperbaric Oxygen Chamber Prime Cabin

Overview

Hyperbaric oxygen therapy involves breathing pure oxygen in a pressurized environment. Conditions treated with hyperbaric oxygen therapy include serious infections, bubbles of air in your blood vessels, and wounds that may not heal as a result of diabetes or radiation injury.

In a hyperbaric oxygen therapy chamber, the air pressure is increased two to three times higher than normal air pressure. Under these conditions, your lungs can gather much more oxygen than would be possible breathing pure oxygen at normal air pressure.

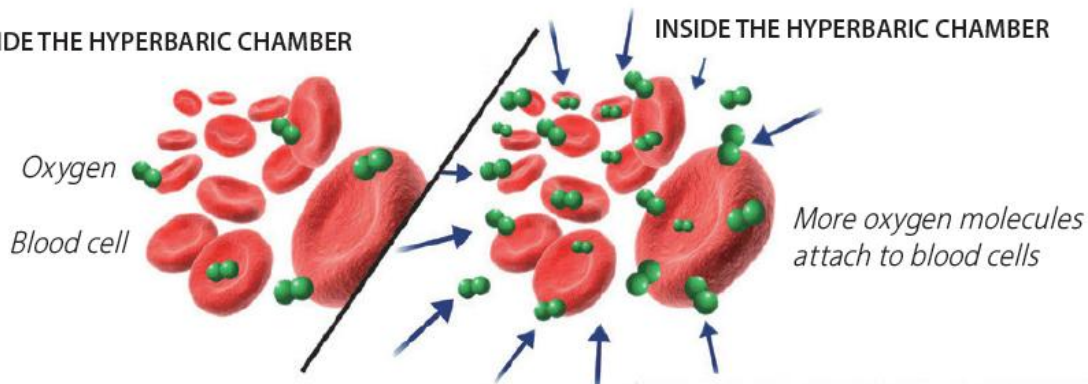
When your blood carries this extra oxygen throughout your body, this helps fight bacteria and stimulate the release of substances called growth factors and stem cells, which promote healing.



EFFECTS OF HYPERBARIC OXYGEN ON THE BLOOD CELLS: Under hyperbaric conditions, the combination of increased pressure and high oxygen levels increases the amount of oxygen carried in a person's blood.

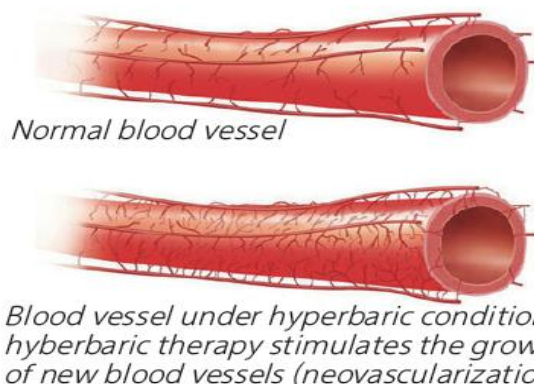
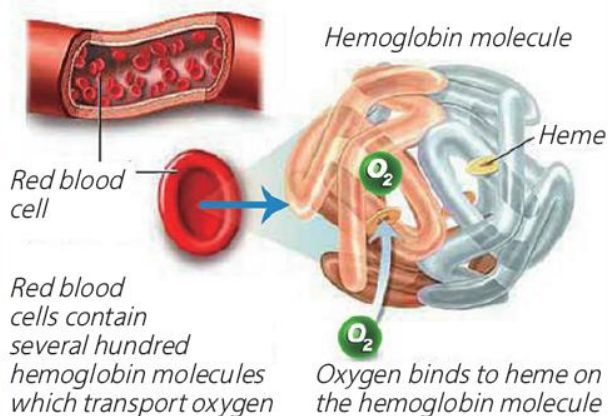
OUTSIDE THE HYPERBARIC CHAMBER

INSIDE THE HYPERBARIC CHAMBER



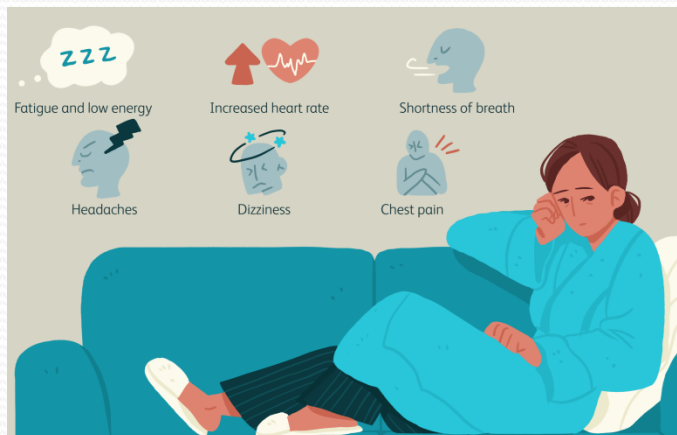
EFFECT OF HYPERBARIC ON HEMOGLOBIN

EFFECT OF HYPERBARIC ON REBUILDING OF NEW SMALL BLOOD VESSELS

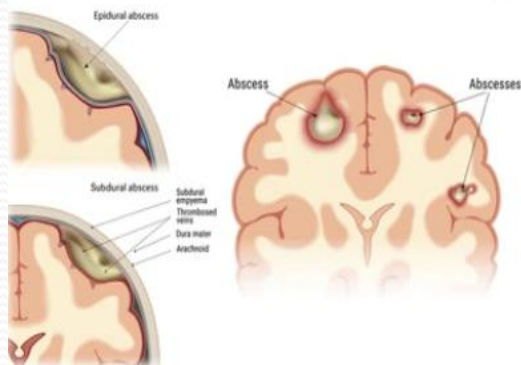


Portable Hyperbaric Oxygen Therapy Chamber

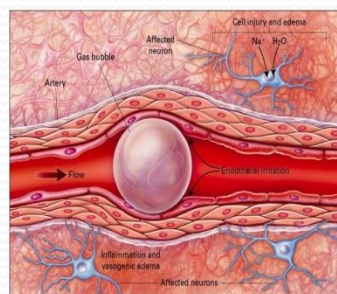
Severe anemia



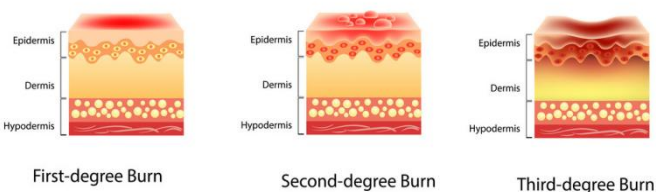
Brain abscess



Bubbles of air in your blood vessels (arterial gas embolism)



Skin Burn



Carbon monoxide poisoning



Crushing injury

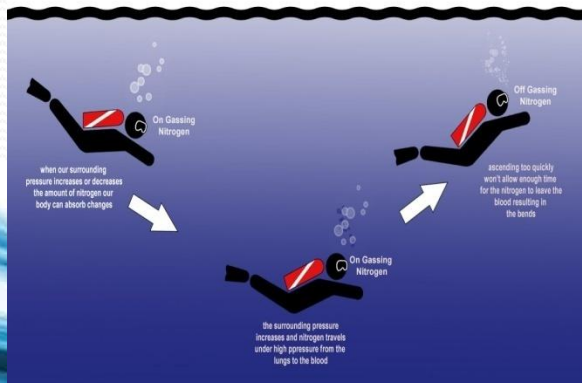


Deafness, sudden

Sudden hearing loss



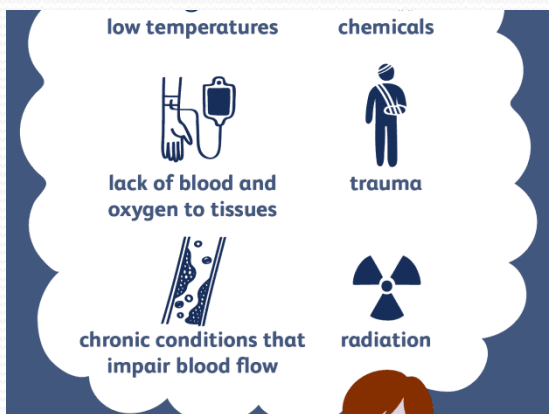
Decompression sickness



Portable Hyperbaric Oxygen Therapy Chamber

Infection of skin or bone that causes tissue death

Vision loss, sudden and painless



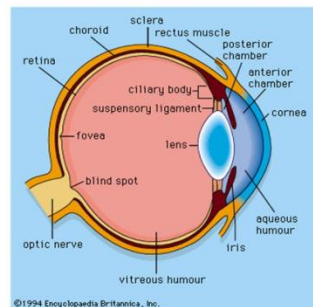
Gangrene

Gangrene Wound: Symptoms, Causes And Treatment Of Gangrene



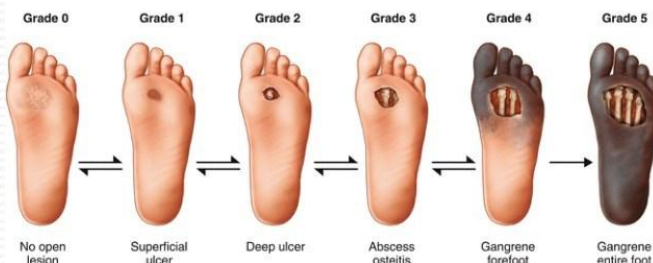
Location of Visual Loss

- Refractive
- Eyelid
- Cornea
- Anterior Chamber
- Lens
- Vitreous
- Retinal
- Optic nerve
- Cortical



Nonhealing wounds, such as a diabetic foot ulcer

Dysvascular foot breakdown - Natural history



Traumatic brain injury

HOW TRAUMATIC BRAIN INJURY (TBI) AFFECTS DAILY LIFE

HEALTHY

- Frontal: Concentration, Problem Solving, Speech
- Parietal: Sense of Touch, Pain, Temperature
- Occipital: Healthy Vision
- Temporal: Memory, Organization
- Cerebellum: Balance & Coordination
- Brainstem: Breathing, Steady Heart Rate



TBI

- Frontal: Lack of Focus, Irritability, Language Difficulty
- Parietal: Difficulty with Reading, Spatial Misperception
- Occipital: Blind Spots, Blurred Vision
- Temporal: Problems with Short- & Long-Term Memory
- Cerebellum: Difficulty Walking, Slurred Speech
- Brainstem: Changes in Breath, Difficulty Swallowing

Portable Hyperbaric Oxygen Therapy Chamber Premium Monoplace Oxygen Therapy Chamber

Healthier with every breath

Meditech Hyperbaric Oxygen Chamber Will serve patients for many years with minimum maintenance and running costs.

Meditech HBOT Delivers amazing results Very fast and lets you make every therapy session count.

HBOT Is manufactured with perfection for people of all ages, to make them feel stronger, healthier, more energized and free of pain.

Worldwide accepted medical equipment at affordable price range.

All necessary certifications issued and available.

Highest Level of Reliability & Safety

The only company to manufacture, install & service monoplace, dual place and multiplace systems for over 50 years

The ability to hear, see and monitor the patient during treatment

Superior electronic voice communications system to insure safe, uninterrupted communication with patients

Extra wide Gurney which locks to chamber during patient transfer

Fully Customized HBO Chamber

Chambers available with left or right hand control and door

panel configuration

Flat Screen TV/DVD Player which is mounted to chamber and adjusts

for patient viewing Patient Monitoring Connectors to use with IV Pump/Blood

Pressure/EKG Monitoring

Sigma Elite EMR system features centralized monitoring and reporting to connect to your

EMR/EHRsystem

Upgrade Gurney – Undercarriage Gurney Storage system to

save floor space

Three Perry Annual Service Plan options to insure the safest and most cost effective annual service

Additional service, equipment and accessory options available

Controller Unit Automatically controlled pressure system.

The microprocessor system automatically balances the rates of the pumping system and air inlet to set and maintain the requested air pressure and shuts off the compressor after 60 seconds malfunction.

Highest Level of Reliability & Safety

Superior communications system to insure clear, dependable two way

communications with patients. External control module allows for discreet handset or speaker to monitor patient's voice communication.

Back up power source allows for safe, uninterrupted communication in the event of a power outage.

Pneumatic control panel to insure safe operation of the system even in the event of power failure

Extra wide which locks to chamber for patient comfort and safety

Interior comfort

The door uses pressure seal, no hinges or other closing mechanism that could be subject to pressure load stress.

Anti-friction bearings helps easy door slide movement by hand.

Anti bacterial leather finish interior.

High quality fiber loop mattress and pillow – 90% of the core material is air to help dissipate heat and moisture generated by the body during therapy. Allows good ventilation through the entire chamber. It also helps keep you cool in the summer and warm in the winter. – Made in India

Hyperbaric Oxygen Chamber Oxygen Therapy Systems



Product Model

Model	MT-1	MT-2	MT-4
Material	Mild Steel		
Internal Size	1480 x 700 x 1530 mm	1880 x 700 x 1530 mm	1880x1400x1530
Capacity	1 person	2 person	4 person
External Size	W1600 mm x D900 mm x H1700 mm(Cabin)	W2000 mm x D900 mm x H1700 mm(Cabin)	W2000 mm x D900 mm x H1700 mm(Cabin)
Pressure	1.15 ~ 1.5 ATA (15kPa~50kPa)	1.15 ~ 1.5 ATA (15kPa~50kPa)	1.15 ~ 1.5 ATA (15kPa~50kPa)
Power Consumption	about 0.9 kWh for one hour, low power consumption during standby	about 1.3 kWh for one hour, low power consumption during standby	about 2.5 kWh for one hour, low power consumption during standby
Intercom	yes	yes	yes
Ear Pressure Relief	yes	yes	yes
Optional Accessories	air-conditioning, audio-visual system, oxygen generator		