

Hyperbaric Oxygen Therapy

Healing with Pure Oxygen

- ▶ **CUTTING EDGE TECHNOLOGY**
- ▶ **SAVE COSTS**
- ▶ **FASTER HEALING**



Life / Limb threatening Surgical Infections **2**

Crush Injury / Gangrene / Compartment syndrome Intracranial abscess

Non Healing Wounds **2**

Diabetic / Burns / Pressure sores / Ulcers

Side effects of Radiotherapy & as Radiosensitiser to some cancers **2**

Osteo radio necrosis / cystitis / Implant infection etc.

Neuro Rehabilitation **2**

Traumatic Brain Injury (TBI) / Diffuse Axonal Injury (DAI) / Stroke

Sudden Hearing Loss **2**

Gas Poisoning **2**

Carbon Monoxide etc.

Hyperbaric Oxygen Therapy may be used along with standard treatment for better healing and early recovery

For more information please contact : **Hyperbaric Oxygen Therapy Unit**
Ph : 011-29872029, Extn: 2028 Email: hyperbarics@apollohospitals.com
Website: www.hyperbaricindia.com



Accredited by
Joint Commission International

Speciality Departments

- Anaesthesiology
- Biochemistry
- Apollo Cancer Institute
 - Medical Oncology
 - Radiation Oncology
 - Surgical Oncology
- Apollo Heart Institute
 - Cardiothoracic Surgery
 - Electrophysiology
 - Interventional Cardiology
 - Non-invasive Cardiology
- Clinical Pathology
- Critical Care
- Dental Surgery
- Dermatology
- Dietetics and Nutrition
- ENT
- Emergency Medicine
- Endocrinology
- Apollo Liver & Digestive Disease Centre
 - Gastroenterology
 - Hepatology
 - Nutrition
- Geriatrics
- Gynaecology and Obstetrics
- Fetal Medicine
- IVF
- Histopathology
- Hematology
- Hyperbaric Oxygen Therapy
- Immunology and Molecular Biology
- Internal Medicine
- Joint Surgery
 - Knee Replacement
 - Hip Replacement
 - Arthroscopy
- Apollo Institute of Transplant
 - Kidney Transplantation
 - Liver Transplantation
 - Bone Marrow Transplantation
- Microbiology
- Apollo Institute of Neurosciences
 - Neurology
 - Neurophysiology
 - Neuroradiology
 - Neurosurgery
- Molecular Imaging & Nuclear Medicine
- Nephrology
- Ophthalmology
- Apollo Institute of Orthopaedics
 - Joint Surgery
 - Trauma
 - Orthopedic
 - Spine Surgery
- Apollo Centre for Advanced Pediatrics
 - Adolescent Medicine
 - Child Psychology
 - Developmental Pediatrics
 - General Pediatrics
 - Neonatology
 - Neonatal Surgery
 - Pediatric Critical Care
 - Pediatric Cardiology
 - Pediatric Cardiac Surgery
 - Pediatric Endocrinology
 - Pediatric Gastroenterology and Hepatology
 - Pediatric Hematology and Oncology
 - Pediatric Orthopaedics
 - Pediatric Nephrology
 - Pediatric Neurology
 - Pediatric Surgery and Urology
- Physiotherapy and Rehabilitation Science
- Plastic Surgery and Cosmetic Surgery
- Mental Health and Behavioural Science
- Radiology
- Respiratory and Sleep Medicine
- Rheumatology
- Transfusion Medicine and Clinical Apheresis
- Thoracic Surgery
- Urology and Andrology
- Apollo Centre for Advanced Surgery
 - Minimal Access Surgery
 - Surgical Gastroenterology
 - Vascular Surgery
- Apollo Institute of Robotic Surgery

Hyperbaric Oxygen Therapy Unit



Accredited by
Joint Commission International

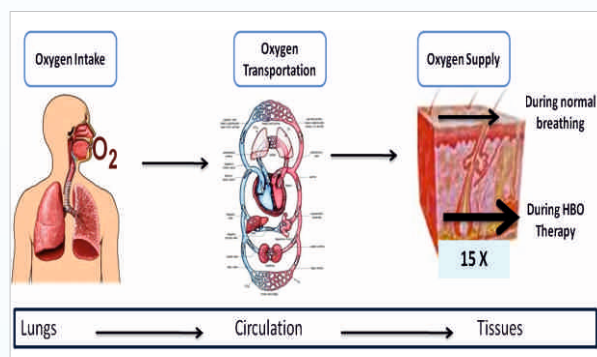
The first indian Hyperbaric Treatment Centre set up in a private hospital in 2000.

What is Hyperbaric Oxygen Therapy?

Hyperbaric ('hyper' meaning 'over', and 'baric' meaning 'pressure') literally translates to 'over pressure'. HBOT delivers pure oxygen in a pressurized cabin where the patients breathe 100% oxygen.

How Does it Work?

During HBO therapy due to higher pressure the Oxygen dissolves more in the liquid part of blood (plasma) and its level increases 10-20 times of normal level. This oxygen reaches all areas of the body also where it was not reaching earlier due to inadequate blood supply or less hemoglobin.



How is it administered ?

During the treatment you will rest comfortably in your chair in the hyperbaric chamber. There will be other patients in the room and there will always be a medical attendant in the chamber with you. You will wear an oxygen mask or oxygen hood most of the time during the treatment. Most treatments last about approx 90 min.

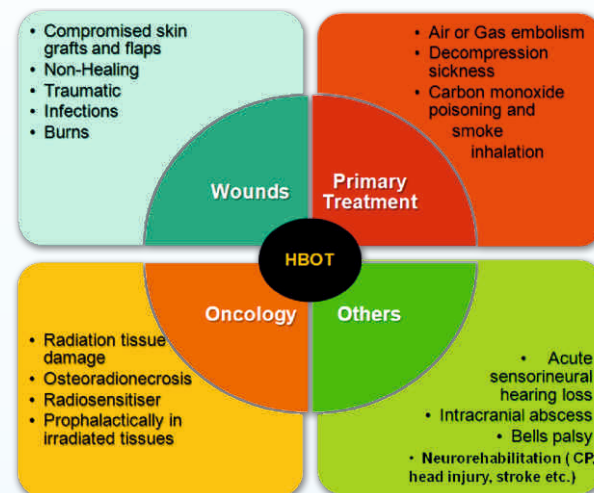
HBOT - Single treatment with many actions

Acute Diseases :

1. Gangrene
2. Crush injury
3. Severe soft tissue infections
4. Skin Grafts
5. Burns
6. Carbon Monoxide/Smoke Poisoning
7. Air/Gas Embolism
8. Decompression Sickness
9. Sudden Hearing Loss

Chronic Diseases :

1. Problem wounds (Wound not healing since long time)
2. Side effects of radiation treatment for cancer
3. Chronic Bone Infection
4. Traumatic Brain Injury, cerebral palsy, autism
5. Diabetic Feet



Hyperbaric oxygen therapy may be used along with Standard Treatment for better healing and early recovery.

Treatment Protocols

Most patients are treated once a day, 6 days a week. Emergency patients are treated when they need it, regardless of the day or time. Depending on your condition, the hyperbaric medicine physician will determine the number of treatments you need, as well as the duration of each treatment and the pressure during the treatment.



Why should you consider Treatment with Hyperbaric Oxygen Therapy?

- Heals wounds 30% faster
- Saves limbs
- Saves lives
- Reduces hospital stays
- Reduces need for repeated surgery
- Reduces medical expenses