



### **OUR TREATMENTS**



BENEFITS
YOUR MIND,
BODY AND CELLS

## What we offer?

#### Hyperbaric Oxygen Therapy (HBOT)

The air we breathe contains 21% oxygen. In Hyperbaric Oxygen Therapy (HBOT), you breathe >90% pure oxygen in a pressurised environment at minimum of 2X ATA (Atomospheric Absolute)

#### Normobaric Oxygen Therapy (NBOT)

NBOT involves administering oxygen at normal atmospheric pressure, typically via a face mask or nasal cannula



## Who can benefit?



#### Adults & Children with Medical Conditions

People With several medical conditions can extremely benefit from our oxygen therapy treatments. It can help your body heal by helping grow new skin, blood vessels and connective tissues.













Visit our website to know the list of conditions that are addressed by Oxygen Therapy (HBOT) https://oxygenehealth.co.in/conditions



#### Sports & Fitness

Oxygen therapy is used in sports injury recovery and fitness improvement by supplying extra oxygen to the body. It speeds up healing, reduces inflammation, and helps clear muscle fatigue.

#### General - Skincare & Ageing

Enhances blood circulation, boosts collagen production, and detoxifies pores for clearer skin, accelerates healing, fights acne-causing bacteria, and hydrates skin, leaving it soft and supple, reducing wrinkles and promoting a healthy glow.



## What benefits to expect?



There are many medical conditions that have responded well to Oxygen Therapy in the improvement of the lifestyle, including Autism, Diabetes, Rheumatoid Arthritis, Strokes, Cerebral palsy, Head Injuries, Chronic Fatigue, and wounds of many different causes.



Healthy and Active Lifestyle



Increased Sport
Performance



Increased Mental Focus



Reduced
Inflammation



Increased Stem



Reduces Headaches



Increased collagen production



Reduced fatigue and exhaustion



"We are just a call \*\*
away to make you aware more"

## Hypoxaemia

Blood Oxygen level of 60 mmHg or lower



# Hyperbaric

Oxygen @ 2 or More ATA ( Atmospheric Absolute)



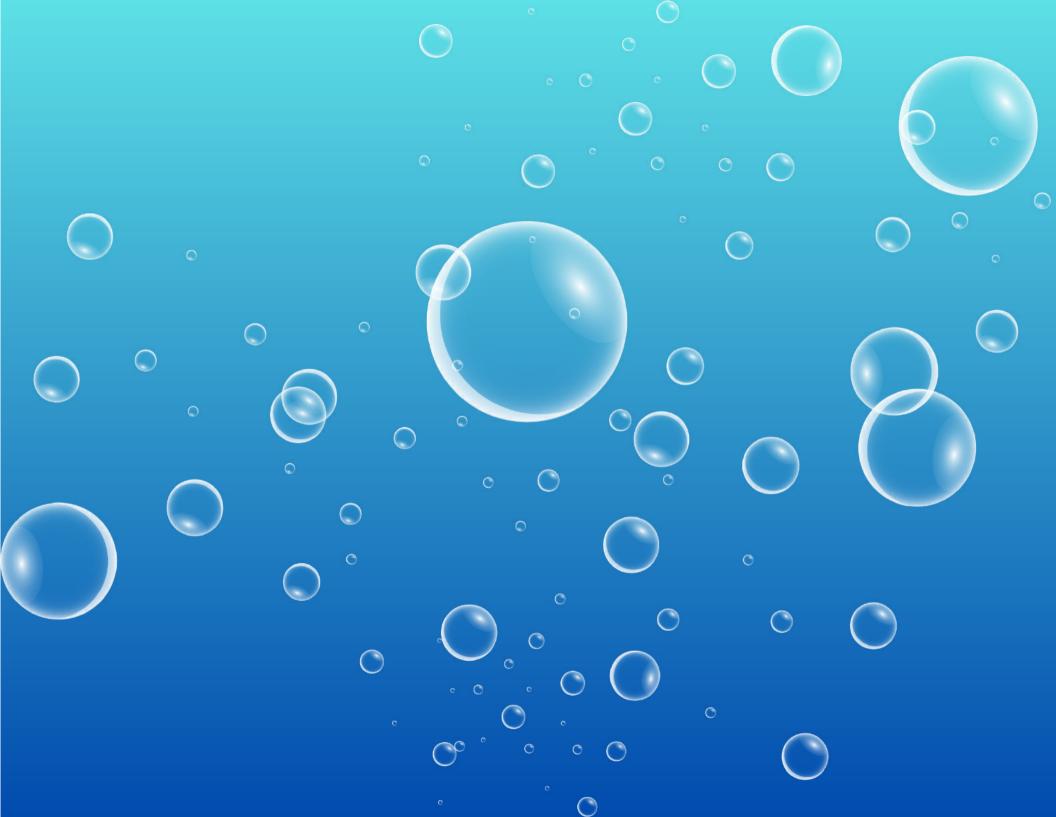
A state with high amount of blood oxygen for recovery



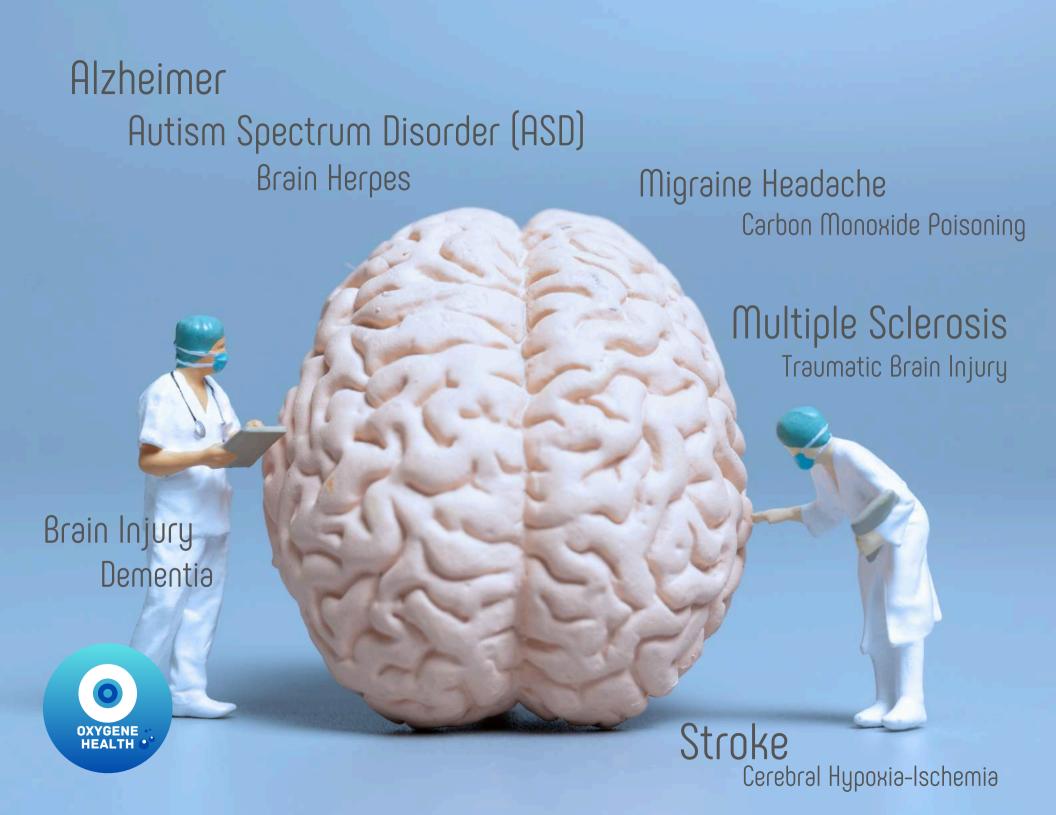
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# Now More Oxygen Therapy Fact & FAQs



## Why HBOT works on Brain Related illness?



We found due to its ability to increase oxygen delivery to brain tissue, enhance neuroplasticity, reduce inflammation, and promote healing.

#### **Increased Oxygen Delivery**



HBOT delivers oxygen at higher pressures, increasing the concentration of oxygen dissolved in the bloodstream. This oxygen-rich blood can reach areas of the brain that may have reduced blood flow due to injury, stroke, or other neurological conditions, providing much-needed oxygen for cellular metabolism and function

#### **Angiogenesis**



HBOT promotes the formation of new blood vessels (angiogenesis) and enhances blood flow to damaged or hypoxic areas of the brain. Improved blood flow can increase oxygen and nutrient delivery to neurons, supporting tissue repair and functional recovery.

#### Reduction of Brain Edema



In conditions characterized by brain swelling or edema, such as stroke or traumatic brain injury, HBOT can help reduce edema and intracranial pressure, thereby preventing further damage and improving outcomes

#### Neuroplasticity



HBOT has been shown to enhance neuroplasticity, the brain's ability to reorganize and form new neural connections in response to injury or disease. This can be beneficial for conditions like traumatic brain injury (TBI), stroke, and neurodevelopmental disorders, where recovery may involve rewiring neural circuits and restoring lost function.

While HBOT shows promise for various brain-related illnesses, its efficacy can vary depending on the specific condition, the severity of the injury or disease, and individual factors

# Obstructive Restrictive Chronic Asthma Bronchiectasis Bronchitis Cystic **Fibrosis**

#### COPD Emphysema

#### Pleural Cavities

Pneumothorax, Effusion

Tumors
Tract Infections

## Pulmonary

Edema, Embolism, Hemorrhage, Hyperplasia

Snoring Sleep Apnea

## Why HBOT works on Lung Diseases?



We found due to its ability to increase the amount of oxygen dissolved in the bloodstream, which can promote healing and reduce inflammation

#### Oxygenation



HBOT delivers oxygen at higher pressures than atmospheric pressure, allowing for greater oxygen uptake in the lungs. This increased oxygenation can be particularly beneficial for individuals with respiratory diseases characterized by low blood oxygen levels, such as chronic obstructive pulmonary disease (COPD) or acute respiratory distress syndrome (ARDS).

#### **Anti-inflammatory Effects**



HBOT has been shown to have anti-inflammatory effects, which can help reduce inflammation in the lungs and airways. In conditions like asthma or bronchitis, where inflammation plays a significant role in airway narrowing and breathing difficulties, HBOT may help alleviate symptoms and improve lung function.

#### **Antimicrobial Effects**



HBOT can enhance the body's immune response and has been shown to have antimicrobial effects against certain bacteria and fungi. In conditions like pneumonia or lung infections, HBOT may help combat pathogens and support the body's natural defenses

#### Tissue Healing



HBOT promotes the formation of new blood vessels and enhances tissue oxygenation, which can aid in the healing of damaged lung tissue. This property of HBOT is particularly relevant in conditions like pneumonia or lung injuries, where tissue damage and impaired oxygen exchange contribute to respiratory impairment.



## Why HBOT works on Blood Related illness?



We found due to its ability to increase the oxygen content in the bloodstream, improve oxygen delivery to tissues, enhance wound healing, and promote antibacterial effects

#### Stem Cell Mobilization



HBOT has been shown to enhance the mobilization of stem cells from bone marrow into the bloodstream. These circulating stem cells can contribute to tissue repair and regeneration, potentially benefiting individuals with blood-related illnesses by promoting the formation of new blood vessels and supporting tissue healing

#### **Prevention of Complications**



HBOT may help prevent or reduce complications associated with blood-related illnesses, such as tissue necrosis, gangrene, or delayed wound healing. By improving tissue oxygenation and promoting healing, HBOT can support overall treatment outcomes and quality of life for individuals with these conditions.

#### Circulatory Health



Regular sessions of HBOT can promote circulatory health by improving microcirculation, reducing blood viscosity, and enhancing oxygen transport capacity. These effects may contribute to overall cardiovascular wellness and reduce the risk of complications associated with blood-related illnesses, such as thrombosis or peripheral vascular disease

#### Chronic Anemia



For individuals with chronic anemia. HBOT can provide supplemental oxygenation to compensate for reduced oxygen-carrying capacity of the blood, it can help alleviate symptoms of tissue hypoxia, such as fatigue, weakness, and impaired wound healing, by delivering oxygen directly to tissues.

Traumatic Ischaemias Gas Gangrene

Bell's Palsy

Recovery from Surgery Sports Activity Recovery



Traumatic Ischaemias
Sensorineural Hearing Loss

## Why HBOT works on Tissue Related illness?



We found due to its ability to increase oxygen delivery to tissues, promote wound healing, reduce inflammation, and enhance the body's natural healing processes

#### **Wound Healing**



HBOT stimulates the formation of new blood vessels (angiogenesis) and enhances tissue oxygenation, which are critical for wound healing. By delivering oxygen directly to injured tissues, HBOT can accelerate the healing process, reduce the risk of infection, and promote the formation of healthy granulation tissue

#### **Recovery After Surgery**



HBOT facilitate postoperative recovery by promoting tissue healing, reducing swelling and inflammation, and minimizing the risk of infection. This can lead to faster wound closure, improved functional outcomes, and shorter hospital stays for patients undergoing surgical procedures.

#### Reperfusion Injury



In conditions involving ischemia (restriction of blood flow) and subsequent reperfusion (restoration of blood flow), such as vascular occlusions or surgical procedures, HBOT can help mitigate tissue damage caused by oxidative stress and inflammation

#### Radiation Injury



HBOT is used to treat tissue damage caused by radiation therapy for cancer. Radiation therapy can lead to tissue hypoxia, fibrosis, and impaired wound healing in the irradiated area. HBOT helps mitigate these effects by improving tissue oxygenation, promoting angiogenesis, and reducing inflammation, thus enhancing the healing process and alleviating radiation-induced symptoms.

Traumatic Ischaemias Gas Gangrene

Bell's Palsy





## Why HBOT works on Bones Related illness? 🕥

We found due to its ability to promote tissue oxygenation, stimulate bone healing, reduce inflammation, and enhance the body's natural healing processes

#### Promotion of Bone Healing



HBOT stimulates osteogenesis (bone formation) and osteoblast activity, leading to enhanced bone repair and remodeling. This can be particularly beneficial for individuals with delayed or impaired bone healing, such as non-union fractures, avascular necrosis, or osteomyelitis, where HBOT can accelerate the healing process and improve treatment outcomes

#### **Crush Injuries**



Crush injuries can cause extensive tissue damage, including damage to bones, blood vessels, and surrounding tissues. HBOT can help mitigate tissue hypoxia, reduce inflammation, and promote wound healing in individuals with crush injuries by improving tissue oxygenation and supporting tissue repair processes

#### **Osteomyelitis Effects**



Osteomyelitis, a bacterial infection of the bone, can be challenging to treat due to Impaired blood supply to affected areas. HBOT can help eradicate bacteria, promote tissue sterilization, and enhance the effectiveness of antibiotic therapy by creating an oxygen-rich environment that is inhospitable to pathogens.

#### **Support for Osteoporosis**



While HBOT does not directly address the underlying bone loss in osteoporosis, it can support overall bone health by promoting tissue oxygenation, reducing inflammation, and supporting bone healing processes. HBOT may be used as part of a comprehensive approach to managing osteoporosis-related fractures or complications.



## **How HBOT Helps in Sports & Fitness?**



Hyperbaric oxygen therapy (HBOT) has gained popularity in the sports and fitness world for its potential benefits in enhancing performance, aiding recovery, and reducing the risk of injuries.

#### **Improved Recovery**



HBOT helps in faster recovery from strenuous exercise or injuries by increasing oxygen levels in the body. The increased oxygen delivery enhances tissue repair and reduces inflammation, leading to quicker recovery times for athletes.

#### Improved Brain Function



HBOT has been shown to enhance cognitive function and mental clarity by increasing oxygen supply to the brain. This can benefit athletes by improving focus, decision-making, and reaction times during competitions

#### **Reduced Muscle Soreness**



Athletes often experience muscle soreness after intense workouts or competitions. HBOT can alleviate muscle soreness by reducing inflammation and promoting muscle repair, allowing athletes to train more frequently and intensely.

#### Quicker Rehabilitation



Athletes undergoing rehabilitation for sports-related injuries can benefit from HBOT by speeding up the recovery process and improving overall outcomes. It can complement traditional rehabilitation techniques by promoting tissue healing and reducing the risk of complications.

"Some studies suggest that HBOT may promote fat loss by increasing metabolism and improving cellular function. While not a primary focus of HBOT in sports and fitness, this potential benefit can complement athletes' training and nutrition regimens"



## Can HBOT help in Skincare & Beauty?



"Regular HBOT sessions can promote overall skin health by boosting circulation, oxygenation, and cellular metabolism. This helps maintain a balanced and resilient skin barrier, reducing the risk of future skin problems"

#### **Collagen Production**



HBOT stimulates the production of collagen, a protein that maintains skin elasticity and firmness. Increased collagen production can reduce the appearance of wrinkles, fine lines, and sagging skin, resulting in a more youthful and radiant complexion.

#### **Anti-Aging Effects**



By promoting cellular regeneration and improving skin elasticity, HBOT can help reduce the signs of aging such as wrinkles, age spots, and loss of firmness. Regular HBOT sessions may contribute to a more youthful and rejuvenated appearance over time.

#### **Reduced Acne**



The antibacterial properties of oxygen can help kill acne-causing bacteria and reduce inflammation associated with acne breakouts. HBOT may complement traditional acne treatments by promoting clearer skin and preventing future flare-ups.

#### **Increased Skin Hydration**



HBOT hydrates the skin from within by increasing the absorption of moisture and nutrients. This results in improved skin texture, softness, and hydration levels, making the skin appear smoother and more supple.



#### **Our Brand**



www.kaapaanhealth.co.in



Brain



Lungs



Skin



**Nervers** 



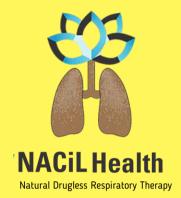
Muscles



Blood O2

## We Welcome your Self-care Journey









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Hyperbaric & Normobaric Oxygen Therapy















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