

A complementary treatment which may help with the rehabilitation of brain injury patients

HbOT and Brain Injuries

Hyperbaric Oxygen Treatment for brain injuries increases the supply of oxygen to the brain by breathing in almost pure oxygen in a pressurised chamber or pod.

The oxygen is delivered under high pressure to enhance the blood's ability to carry oxygen to the brain, tissue and organs.

HbOT can be used to treat many conditions, including decompression sickness and carbon monoxide poisoning, but recent studies have shown that HbOT provides a safe and non-invasive method to treat people suffering from brain injuries.

The benefits of Hyperbaric Oxygen Treatment for brain injuries include:

- Aiding recuperation
- Improving cognitive ability
- Stimulating the formation of new blood vessels
- Decreasing inflammation
- Enhancing the overall quality of life

Please Note: Hyperbaric Oxygen Therapy complements conventional treatments. We do not recommend it as a replacement. If you are unsure, please consult your doctor.

Can Hyperbaric Oxygen Treatment for Brain Injuries Help?

Hyperbaric oxygen therapy (HbOT) is the inhalation of almost pure oxygen in a pressurised chamber, where the recipient just has to breathe.

The procedure is painless and does not require surgery or drugs, so it is a safe and non-invasive way to treat people who have had brain injuries.

Brain damage can be the result of a blow to the head, a stroke, or any other condition that reduces blood flow to the brain.

Damage to the brain from these incidents can result in long-term issues

such as:

- Memory loss
- Lack of focus
- And in some cases, paralysis

Despite advances in treatment, many people with brain injuries have to deal with debilitating long-term effects.

Hyperbaric Oxygen Treatment for brain injuries has been found in studies to be an effective therapy option by aiding recuperation through increasing the supply of oxygen to the brain.

It has the potential to improve cognitive function, decrease inflammation, and improve patients' quality of life.

The benefits for patients with brain injuries

Recent research has revealed that HbOT can be an effective treatment for those who have suffered serious brain injuries.

Furthermore, a person with a brain injury can get more out of life following HbOT treatment, than just the physical benefits.

For example, a [study on children with post-concussion syndrome](#) found that HbOT improved cognitive and behavioural function.

Similarly, another study discovered that HbOT can enhance the quality of life of stroke patients by reducing their reliance on others to perform everyday activities.

The research on HbOT for brain injury patients

Brain injuries cause inflammation, which can lead to severe brain damage.

HbOT can help decrease inflammation by boosting the body's production of anti-inflammatory chemicals.

HbOT reduced inflammation and improved neurological function in a study of rats with traumatic brain damage.

[Research](#) on people with traumatic brain damage, found that Hyperbaric Oxygen Treatment for brain injuries greatly improved cognitive ability.

While a separate [study](#) found that HbOT can stimulate the formation of new blood vessels, which may aid in rehabilitation from a brain injury.

Why choose Oxify?

If you or a loved one has suffered a brain injury and you are dealing with the long-term effects, Hyperbaric Oxygen Treatment for brain injuries may offer a viable alternative treatment.

We have centres in Leeds, Manchester, Retford, York and Newcastle/Gateshead where our highly specialised team will ensure your

comfort throughout treatment sessions.

We currently treat clients for a wide range of health conditions, including those with brain injuries who are trying to improve their quality of life.

If you would like to find out more about Hyperbaric Oxygen Treatment for brain injuries please complete our contact form and we will get in touch with you. Of course, it is always important to discuss any proposed therapy changes with your doctor.

Book a session

Get in touch

Book your taster session



Rated 'Excellent' on Trustpilot



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Leeds
01135 432750

Manchester
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01904 934 694

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0191 535 8696