



LEARN TO IDENTIFY

Effective Hyperbaric Oxygen Chambers

Hyperbaric oxygen therapy

Hyperbaric oxygen therapy (HBOT) is a **medical treatment** that involves 3 key elements to address various medical conditions or improve overall health.



Inhaling at least 95%
medical grade **oxygen**



At **pressures** at least 1.6 ata
and up to 3.0 ata



In a pressure vessel called a
hyperbaric chamber

Hyperbaric chambers

Hyperbaric chambers are **highly advanced medical devices** and only a select few manufacturers in the world are capable of producing them.

As this technology becomes more popular and widely adopted, there is a **risk of being misled by invalid products** or improper usage of the chambers.



1. Check if the chamber is really capable of at least 1.6 ata of pressure.

The need to equalize pressure in your ears is the most effective way to determine if a hyperbaric chamber is powerful enough.

AHA Hyperbaric chambers are capable of reaching pressures between 1.6 ata and 2.0 ata (designed for 3.0 ata), and users typically need to equalize the pressure at least 8-15 times during pressure increase and decrease, depending on the final pressure required for their HBOT treatment.



Try diving to 10 m depth without equalizing.

Very difficult, right?

The same goes for hyperbaric oxygen therapy.

2. Make sure that the chamber can operate at 2.0 ata of pressure.

Analog pressure gauge on hyperbaric chamber, which should have a minimum measurement line of 2.0 ata, is a reliable indicator of a chamber's capability.

Analog pressure gauge **cannot be easily manipulated** (and cheated with) like digital pressure gauge.

For this reason, all AHA hyperbaric chambers are equipped with analog pressure gauges that **display a pressure of 2.3 ata**.



Still not sure?

Take a diving watch to the chamber and check for yourself.

3. Ensure that the chamber is really certified for use with oxygen and skin contact.

Oxygen is a fire hazard, which is why hyperbaric chambers must have publicly available certificates indicating their safety for use with oxygen.

To address this concern, AHA Hyperbaric chambers are manufactured using special materials which undergo the **biocompatibility tests** and are free of oils, grease, colouring, and glues.

Given the prevalence of unqualified products in the market, we ensure that our certificates are **publicly available and verifiable** by the issuing institutions.



How should certificates look like?

Check our website to see how every medical device manufacturer should present their certificates.



4. Ensure proper oxygen flow into the chamber.

The pressure in the oxygen concentrator must be at least 0.5 bar higher than the pressure in the chamber.

If the pressure in the chamber is higher than the pressure in the oxygen concentrator, oxygen will not be able to flow from concentrator to the chamber.

AHA Hyperbaric Chamber Sets are designed to allow effortless and default oxygen flow to the chamber. We provide our clients with a variety of devices and methods to ensure the highest level of transparency in oxygen flow and, subsequently, the quality of HBOT in AHA Hyperbaric chambers.



Check the gauges

Can you measure the air and oxygen pressure with gauges similar to these on AHA Oxygen Concentrator?

5. Be cautious about the way you breathe the oxygen in the hyperbaric chamber.

Have you been offered a special oxygen mask designed for HBOT treatments? These are great indicators that you will get the promised minimum 95% oxygen purity.

No mask? Nasal canula? Not appropriate at all.

AHA R&D department designed our own non-rebreather oxygen masks that can achieve impressive **100% oxygen delivery**.



You can also ask our clients.

Their "before-after" selfies are often impressive and delightful.



6. Inquire if you need special clothing during the HBOT treatment.

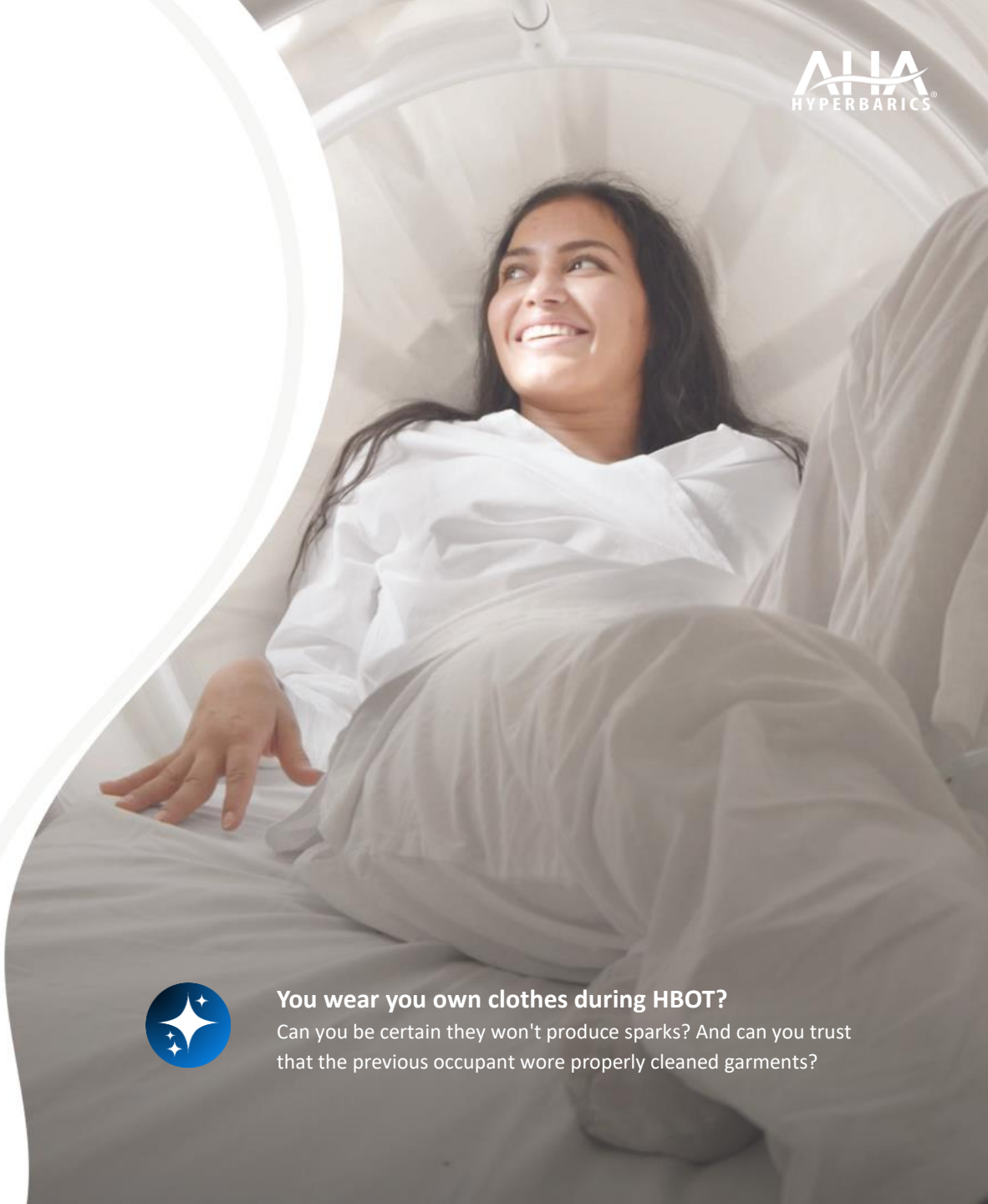
Only 100% cotton can be used in hyperbaric chamber in order to prevent static electricity and to establish the highest level of safety during the HBOT treatment.

At AHA Hyperbarics, we have invested significant time in designing our textile essentials, which have undergone [Electrostatic Verification for cotton materials](#) to confirm that our cotton materials are not electrostatic dissipative and do not generate an electrostatic charge.



You wear your own clothes during HBOT?

Can you be certain they won't produce sparks? And can you trust that the previous occupant wore properly cleaned garments?



7. Ask if you can use your mobile phone or other electronic devices during HBOT therapy.

Nothing that can generate sparks or ignites quickly is compatible with pressure higher than atmospheric and increased levels (anything more than 23.5%) of oxygen.

That means: no mobile phones, electronic devices, metal objects, oil and glue-based products, alcohol, or any clothing that is not made of pure cotton.

If you were not informed of the essential precautions to be taken during the treatments, it may indicate that the chamber you are using is not equipped for effective HBOT.

However, with our AHA Hyperbaric chamber, you can be assured of the highest level of safety and efficacy during treatment.

If the hyperbaric chamber is truly capable of high pressures and pure oxygen you should receive these guidelines:



No clothing that is not made of pure, certified cotton.



No heavy make up, especially the one with oil.



No mobile phones or other electronic and metal devices.



No oil, glue and alcohol based products.

8. Ask your hyperbaric chamber operator about therapeutic effects of HBOT.

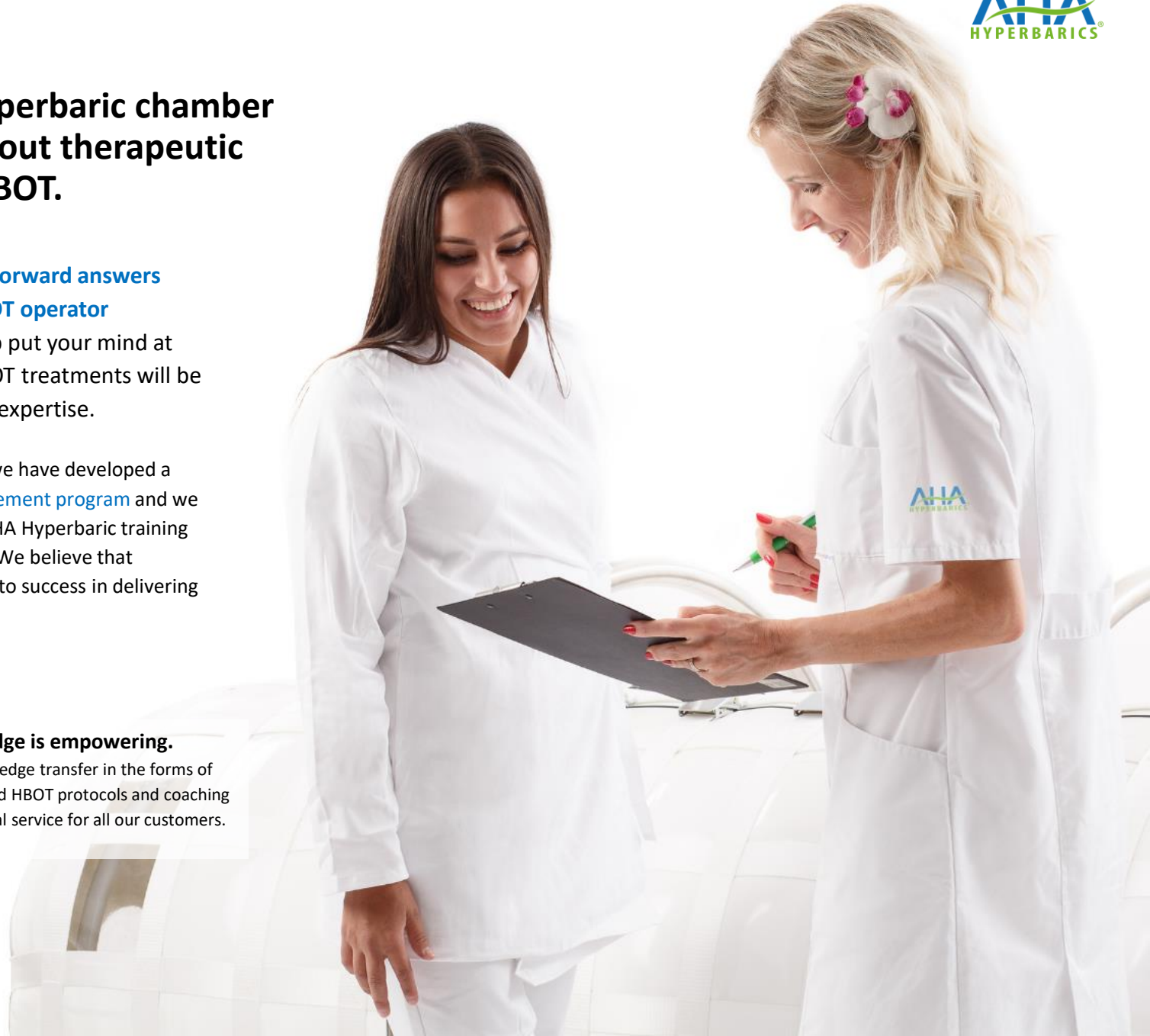
Receiving straightforward answers and seeing an HBOT operator certificate can help put your mind at ease that your HBOT treatments will be administered with expertise.

At AHA Hyperbarics we have developed a special [partner enablement program](#) and we deliver world-class AHA Hyperbaric training to all our customers. We believe that knowledge is the key to success in delivering high-quality HBOT.



Knowledge is empowering.

Our knowledge transfer in the forms of customized HBOT protocols and coaching are integral service for all our customers.



9. If the chamber is inflatable - research the strength of its structure.

You are looking for multi-layered device made of superior materials.

AHA Hyperbaric Chambers are made of durable custom-built urethane material in three layers. All layers are connected via special system of safety valves and instruments that allow controlled adjustments of pressure.

The special structure of AHA Hyperbaric Chamber makes it the strongest chamber of its kind in the world - designed for 3.0 ATA (300 kPa) of pressure.

A few most visible markers of quality of inflatable soft hyperbaric chamber:



Stainless medical-steel fittings and valves



Highly protected zipper



Windows made of 6mm acrylic



Structure of several bags (layers)

10. You should expect personalized protocols and constant support

Hyperbaric oxygen therapy treatments cannot be uniform for everyone, because the therapeutic effects of HBOT vary depending on the individual.

Dosage of pressure and oxygen must be tailored to meet specific therapeutic end effects.

At AHA Hyperbarics we enable all our customers with **customized protocols** to use their AHA Hyperbaric Chamber for safe and effective HBOT treatments. Our **training** empowers them with the knowledge that gives them confidence.

We also provide ongoing support through **regular check-ups**, maintenance, and expert consultancy.



How much personalized guidance did you get? How confident you are delivering HBOT treatments?

11. Demand independent proofs of quality and safety.

It's clear-cut: when there's not enough pressure or oxygen, there's no hazard or need for certificates.

However, at AHA Hyperbarics, we take the therapeutic potential of our hyperbaric chambers seriously and **prioritize strict adherence to the highest quality standards and regulations.**

We are proud to offer cutting-edge HBOT technologies and comprehensive training, backed by **publicly-accessible certifications** that demonstrate our commitment to excellence.



Only a few HBOT innovators in the world that can guarantee the highest quality of HBOT technologies and trainings. Our publicly accessible certifications prove that we are one of them.

Peace of mind to our customers.



Our medical hyperbaric systems are certified according to the **MDD 93/42/EEC** (all medical devices are marked with CE mark of the Notified body – TÜV SÜD in our case).



All our hyperbaric systems are designed, manufactured, distributed, installed and serviced based on the quality management standard EN ISO 13485:2016.

**PVHO
EN 14931:2006**

Our medical hyperbaric chambers are certified according to the EN 14931:2006 safety standard for pressure vessels for human occupancy (multi-place hard chambers)



AHA hyperbaric chambers are approved by FDA and sold by our U.S. subsidiary.
- 510(k) no.: K101262
- Device listing no.: D304172
- Owner operator no: 10055865

12. Observe the love for hyperbaric science.

It's essential to have someone knowledgeable and passionate by your side when purchasing or using a hyperbaric chamber.

At AHA Hyperbarics, we are a team of enthusiastic HBOT experts on a mission to bring this therapy to humanity. Our passion for HBOT is evident in everything we do, from innovating new solutions to constantly seeking ways to make HBOT knowledge and treatments more accessible.

Just ask our clients, friends, family, and neighbours - we can't stop talking about it!



You will fall in love

with AHA Hyperbarics too, once you start to see the positive effects our innovations are capable of.

We would be delighted to hear your thoughts
and answer all the questions you might have.

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