BioReset®
INSTITUTE

HHO® | MEDICAL LONGEVITY PROTOCOL

THE ULTIMATE MEDICAL REVOLUTION

THE WORLD'S MOST ADVANCED BLOOD PURIFICATION TECHNOLOGY

ADVANCED BLOOD PURIFICATION

for Targeted Toxin Elimination

HEAVY METALS

Commonly accumulated through contaminated food, water, dental fillings (amalgam), or industrial exposure. These metals – such as mercury, lead, and cadmium – can interfere with cellular processes and burden the nervous system.

ENVIRONMENTAL TOXINS, POISONS

Pesticides, herbicides, exhaust fumes, and industrial chemicals enter the body via air, skin, or food. Over time, they may disrupt hormonal balance, immune function, and organ health.

MICROPLASTICS

Ingested through food packaging, bottled water, and seafood. These microscopic plastic particles can accumulate in tissues, potentially triggering inflammation or cellular stress.

PATHOGENS

Viruses, bacteria, and fungi can persist in the body, especially after infections. Chronic low-grade infections may weaken the immune system and contribute to systemic health issues.

PARASITES

Contracted through contaminated food, water, or surfaces. Parasites often go undetected and can cause fatigue, digestive problems, and nutrient depletion.

INFLAMMATION

A response to injury, infection, or toxins, but when chronic, it may promote aging and disease. Often fueled by processed foods, hidden infections, and environmental stressors.

CHRONIC STRESS

Long-term stress increases cortisol levels and oxidative stress, weakening immunity and slowing detoxification processes. It can also make the body more vulnerable to toxins and infections.


TRAUMA
TOOLS

At BioReset we offer the so-called "Hemo-Hyper-Oxygenation Perfusion" (HHO®) as a revolutionary blood purification method for the treatment of chronic diseases such as Long-Covid and ME/CFS (Myalgic Encephalomyelitis/Chronic Fatigue Syndrome).

What is an HHO®?

HHO is an innovative 3-in-1 method for purifying whole blood, which is only offered in this unique form by BioReset and its official partner doctors worldwide. For the first time, it combines the medical therapies hemoperfusion (blood purification), hyperthermia (heat therapy) and oxygenation (oxygen therapy) that have been established for decades in a single therapy procedure.

HHO® IS AN EFFECTIVE TREATMENT FOR THESE AND OTHER COMPLAINTS AND AT THE SAME TIME HAS PARTICULARLY FEW SIDE EFFECTS.

The 3 process pillars of hemo-hyperoxygenated perfusion (HHO®)

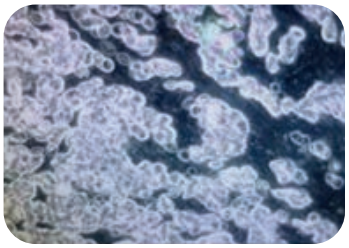
1. **In the first step - hemoperfusion –** inflammatory and other harmful molecules are filtered out of the blood. There are a total of 9 different adsorber filters with high-tech polymer beads available for this purpose, to which the freely available pollutants are attached (1), and up to 3 filters can be connected in series per therapy session. This allows for individual customisation based on the patient's needs.

2. **In the second step – hyperthermia –** the blood is heated to a core body temperature of 38.5 to 41.8 °C , putting the body into an artificial, controlled fever state. This increases the permeability of the cell membranes and maximises effectiveness of the therapy by transporting more toxins away. Heating also produces heat shock proteins (HSPs), which send signals to the body's natural killer cells to detect and eliminate harmful cells.

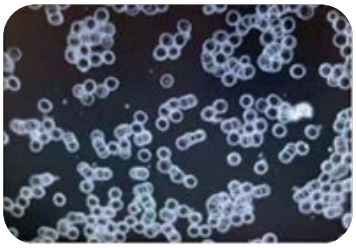
3. **In the third step - oxygenation** - the oxygen content is greatly increased using medical oxygen. This allows the body's own repair and regeneration process to begin anew, forming new blood vessels, and more effectively removing toxins from the body with minimal strain on the patient.
HHO® uses an artificial lung - the so-called oxygenator - a universal device that is used in a variety of medical situations, including heart-lung machines, intensive respiratory treatments and in cardiology wherever targeted oxygen enrichment is required. The focus of the oxygenator is on the precise regulation and monitoring of oxygen supply.

During each therapy session lasting around 3.5 hours, all blood in the body passes through these 3 described steps up to 12 times.

Dark field microscopy before HHO®



Dark field microscopy after HHO®



What is the difference between apheresis and HHO®?

Hemoperfusion (adsorption) in the context of HHO differs from apheresis by purifying the whole blood. In apheresis (absorption), only the blood plasma separated by a filter is purified. The usable surface of the adsorber cartridges used is up to 68,000 m 2 , depending on the adsorber used.
An apheresis filter, on the other hand, offers a maximum surface area of 2 m^2 . Furthermore, HHO differs significantly from apheresis due to the massively higher blood flow rate (cleaning volume of 60-70 l of whole blood for Longevity-HHO and up to 90 l for Lyme-HHO), the integrated hyperthermia (warming of the body core temperature for Longevity-HHO up to 39 °C, for Onco-HHO up to 41.0 °C and for Lyme-HHO up to 41.8 °C) and the oxygenation (supply of medical oxygen with a pO2 of up to 550 mmHg). This leads to a proven removal of toxins such as environmental pollutants, heavy and light metals and the elimination of pathogens such as viruses, bacteria, etc. and other intracellular pathogens and the removal of a variety of pro- and anti-inflammatory mediators (1).

HHO® has been used successfully to treat the following indications:

- ☑ Long-Covid
- ☑ ME/CFS (Chronic Fatigue Syndrome)
- ☑ Exposure to pollutants, heavy metals, environmental toxins.
- ☑ Autoimmune diseases
  (multiple sclerosis, Crohn's disease, ulcerative colitis, Hashimoto's thyroiditis etc.)
- ☑ Lyme Disease
- ☑ Cancer
- ☑ Liver Disease
- ☑ Lung Disease (ARDS)
- ☑ Kidney Disease
- ☑ Heavy Metal Toxicity
- ☑ Diseases of the rheumatic spectrum (arthritis, osteoarthritis, gout etc.)

* as a supportive measure to relieve pain and inflammation

1. Dingwei Kuang, Claudio Ronco, Nicholas A. Hoenich, CHAPTER 176 - Poisoning: Kinetics to Therapeutics, Editor(s): Claudio Ronco, Rinaldo Bellomo, John A. Kellum, Critical Care Nephrology (Second Edition), WB Saunders, 2009, Pages 931-954, ISBN 9781416042525, https://doi.org/10.1016/B978-1-4160-4252-5.50184-2.
(https://www.sciencedirect.com/science/article/pii/B9781416042525501842)

HHO® therapy is an innovative treatment method that uniquely combines three process elements: Hemoperfusion (blood purification), hyperthermia (heat therapy) and oxygenation (oxygen enrichment). Each of these individual elements has been known in medicine for several decades and is very well described in the scientific literature.

HHO® treatment consists of:

1. Hemoperfusion

using Jafron® HA series hemoadsorbers and a compatible device (Future F20 machine) from Jafron Biomedical Co.

Hemoperfusion is an extracorporeal blood purification procedure to eliminate toxic substances from the blood. The functionality of the hemoperfusion filters ("columns") used is based on the adsorptive properties of a neutral macroporous resin. These filters can eliminate many chemical compounds and pollutants, including medium-sized toxins, protein-bound toxins, inflammatory mediators and cytokines. Depending on the indication, adsorber filters with different properties can be used; series connection is also possible.

Our form of hemoperfusion is also used in intensive care and emergency medicine to treat sepsis, poisoning by drugs and other substances, multi-organ failure, systemic inflammatory response syndrome (SIRS) and lung diseases such as ARDS (acute respiratory distress syndrome).

Examples of publications:

1. Survival Outcomes of Hemoperfusion and Hemodialysis versus Hemodialysis in Patients with End-Stage Renal Disease: A Systematic Review and Meta-Analysis. Cheng, W., Luo, Y., Wang, H., Qin, X., Liu, X., Fu, Y., & Ronco, C. (2021). Blood Purification, 1-13.

2. THE SUCCESSFUL TREATMENT OF HIGH LETHAL DOSE PARAQUAT POISONING WITH HEMOPERFUSION. MOHAMMADI, AB, NAHANDI, MZ, MOHAMMADIAN, S. (2020). INTERNATIONAL JOURNAL OF MEDICAL TOXICOLOGY AND FORENSIC MEDICINE, 10(3), 26726-26726

3. Changes of inflammatory mediators and oxidative stress indicators in children with Henoch-Schönlein purpura and clinical effects of hemoperfusion in the treatment of severe Henoch-Schönlein purpura with gastrointestinal involvement in children. Zhu, Y., Dong, Y., Wu, L., & Deng, F. (2019). BMC pediatrics, 19(1), 1-10.

2. HYPERTHERMIA

In contrast to conventional methods, the hyperthermia used in HHO® therapy does not heat the body from the outside, but rather heats the patient's blood to a temperature of 38.5 to 41.8 °C . A procedure is used that allows a planned and strictly controlled increase in body temperature over a certain period of time. The resulting “artificial fever” leads to a strong activation of the immune system and stimulates it to fight chronic inflammation. After short-term weakness caused by the fever, the body is strengthened and pain is relieved. Numerous studies have shown that systemic hyperthermia is an effective adjunct in the treatment of many chronic diseases, especially:
Rheumatological diseases, degenerative joint diseases, autoimmune diseases

- neuralgia
- Bronchial asthma and chronic respiratory diseases
- Chronic inflammatory processes (including psoriasis, ulcerative colitis, Crohn's disease, prostate inflammation)
- Chronic Infections
- Seasonal Affective Disorder
- Regeneration and Rehabilitation in Sports Medicine
- Bechterew's disease (ankylosing spondylitis)

By 2015, more than three thousand scientific papers on hyperthermia had been published in the peer-reviewed international medical press. Physicians who use hyperthermia in their clinical practice are affiliated with the European Society of Hyperthermic Oncology (ESHO). At congresses organised by ESHO, they exchange experiences and observations from their daily work with patients. BioReset works according to the German guidelines for hyperthermia.

Examples of publications:

1. Photodynamic Therapy and Hyperthermia in Combination Treatment—Neglected Forces in the Fight against Cancer. Aleksandra Bienia, Olga Wiecheć-Cudak, Aleksandra Anna Murzyn, Martyna Krzykawska-Serda Pharmaceutics. 2021 Aug; 13(8): 1147. Published online 2021 Jul 27. doi: 10.3390/pharmaceutics13081147
PMCID: PMC8399393

2. The Role of Hyperthermia in the Multidisciplinary Treatment of Malignant Tumors. Yi Cheng, Shanshan Weng, Linzhen Yu, Ning Zhu, Mengyuan Yang, Ying Yuan Integr Cancer Ther. 2019; 18: 1534735419876345. Published online 2019 Sep 14. doi: 10.1177/1534735419876345
PMCID: PMC7242805

3. Hyperthermia Treatment as a Promising Anti-Cancer Strategy: Therapeutic Targets, Perspective Mechanisms and Synergistic Combinations in Experimental Approaches. Ga Yeong Yi, Min Ju Kim, Hyo In Kim, Jinbong Park, Seung Ho Baek. Antioxidants (Basel) 2022 Apr; 11(4): 625. Published online 2022 Mar 24. doi: 10.3390/antiox11040625
PMCID: PMC9030926

3. OXYGENATION

Hemoperfusion is supplemented by the use of extracorporeal blood oxygenation. This technology for enriching the blood with oxygen originally came from cardiac surgery, but is now also used in other medical fields. Here, the blood is enriched with oxygen in an oxygenator - an artificial lung used in cardiac surgery and oncology - and at the same time carbon dioxide is removed from the blood; an extracorporeal blood circuit is used.

A membrane oxygenator is a medical device that consists of millions of tiny tubes between which blood flows. The tube wall consists of a semipermeable membrane through which gases – in this case oxygen and carbon dioxide – can pass. Inside the tubes (capillaries) there is a cavity filled with gases, the concentration of which can be adjusted as needed. The blood flowing between the tubes releases carbon dioxide and takes in oxygen – a process that normally takes place in the lungs. By supplying medical oxygen, it is possible to achieve oxygen saturation of the tissues so that the body can restart its own repair and regeneration processes. Furthermore, it stimulates the formation of new blood vessels and improves elimination of toxins from the body.

Examples of publications:

1. Extracorporeal Membrane Oxygenation for Septic Shock in Adults and Children: A Narrative Review. Lars Mikael Broman, Olga Dubrovskaja, Martin Balik. J Clin Med. 2023 Oct; 12(20): 6661. Published online 2023 Oct 20. doi: 10.3390/jcm12206661 PMCID: PMC10607553

2. Peek GJ, Mugford M: For the CESAR trial collaboration: Efficacy and economic assessment of conventional ventilator support versus extracorporeal membrane oxygenation for severe adult respiratory failure (CESAR): a multicenter randomized trial. Lancet online 2009, www.sciencedirect.com/science/journal/140-6736(09)

3. The Australian and New Zealand Extracxorporeal Membrane Oxygenation (ANZ ECMO) Influenza Investigators. Extracorporeal membrane oxygenation for 2009 influenza A(H1N1) acute respiratory distress syndrome. JAMA 2009; 302: 1888-1895

THE BIORESET HHO® PROTOCOL

DAY 1

Heavy metal elimination (approx. 3.5 hours)

a) Information session including preliminary examinations

b) Microcirculation therapy & H2 therapy

c) Unique four-hour heavy metal detoxification protocol

· Antioxidants

· Base infusion throughout the protocol

DAY 2

HHO® treatment & infusion (approx. 5-6 hours)
(Hemo-Hyper-Oxygenation Perfusion)

a) Preliminary discussion and patient preparation

b) Sedation (e.g. propofol iv); Shaldon catheter (sonographic)

c) Connecting the hemoperfusion equipment; patient is sedated during treatment

d) After HHO®: Restorative infusion

DAY 3

Control & build-up infusions (approx. 2.5 hours)

a) Methylene blue infusion

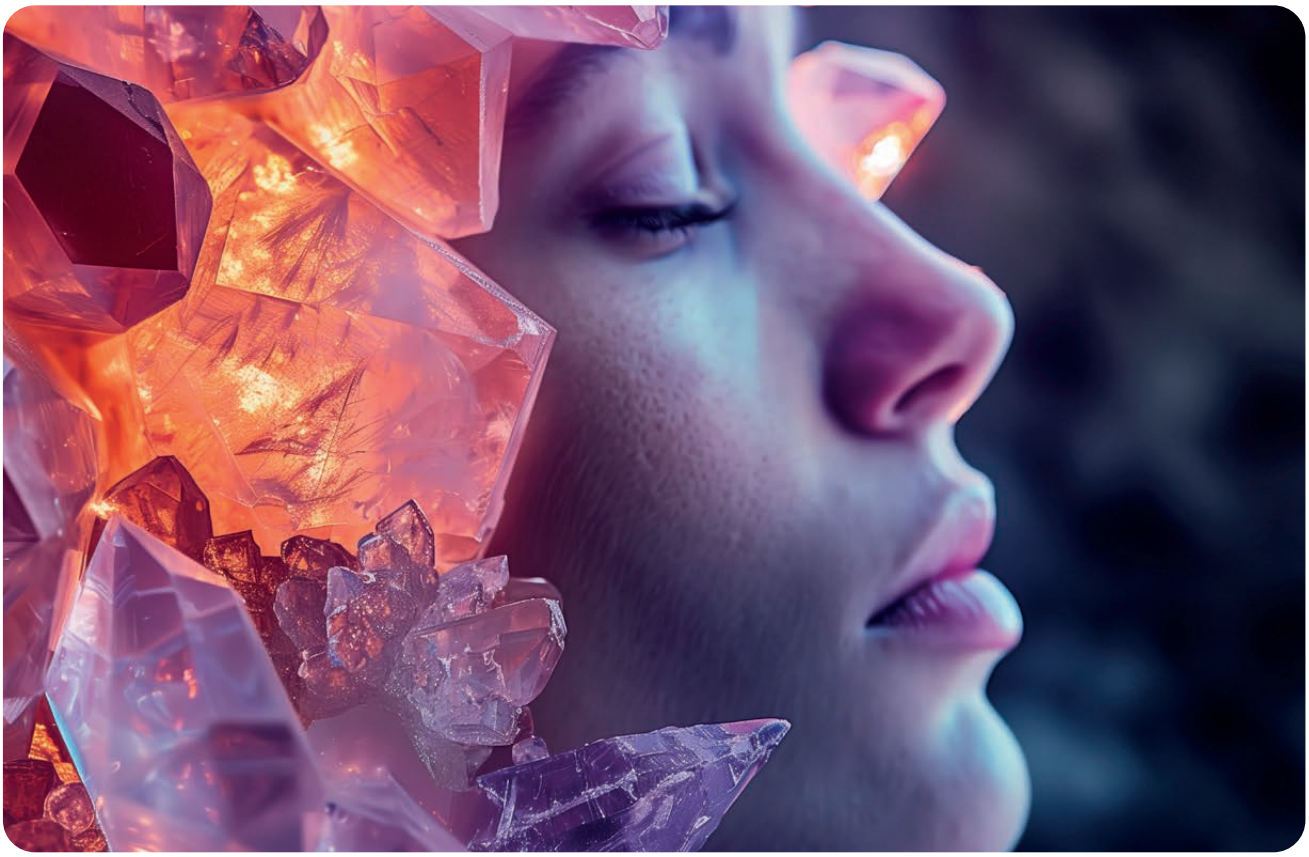
b) Immunboost Infusion

After 3-4 weeks

Intestinal detoxification and integrative rehabilitation incl. biofilm

LONGEVITY HHO®

The unique innovative therapy for chronic diseases such as Long-Covid and ME/CFS



Long Covid and ME/CFS: A challenge on a medical level

Long Covid and ME/CFS are chronic diseases whose exact causes are unknown.
It is believed that a combination of epigenetic, immunological, neurological and environmental factors may play a role in all chronic diseases.
This contributes to the fact that those affected often do not receive satisfactory medical support and have to struggle with these diseases for the rest of their lives.
The conventional medical guidelines for both diseases are limited to alleviating the symptoms.
Long Covid refers to persistent symptoms that endure or appear more than four weeks after an acute Covid-19 infection. Those affected suffer from persistent tiredness, weakness (fatigue), respiratory problems, cardiovascular problems or neurological symptoms such as memory problems or “brain fog”, and other complaints that can often persist for months after the actual infection.

On the one hand, there are no standardized diagnostic criteria, so that the diagnosis is often based only on the patient's description of symptoms, without specific tests to confirm the diagnosis. On the other hand, the diversity of individual disease courses makes a uniform definition difficult: While some experience improvement after weeks, others report worsening or changing symptoms over months or even years.
According to a US study by Ziyad Al-Aly and his co-authors published in “Nature Medicine” in 2022, the cumulative global incidence of Long Covid is about 409 million people (2).
A challenge of long-Covid diagnosis is that the symptoms overlap with those of other chronic diseases such as chronic fatigue syndrome (CFS), also known as myalgic encephalomyelitis (ME). In a Russian study published in the medical journal “Diagnostics” in 2023, all patients who still had symptoms more than 12 weeks after an acute Covid infection met the diagnostic criteria for ME/CFS, confirming the correlation between Long Covid and ME/CFS (3). These overlaps make it difficult to differentiate Long Covid from other diseases.
ME/CFS is a chronic illness characterized by persistent, extreme fatigue that is not relieved by rest or sleep and is not due to another medical condition. This exhaustion is often accompanied by other symptoms, such as sleep disorders, cognitive impairment, muscle aches and joint pain, often without any noticeable inflammation. The prevalence of ME/CFS is estimated at 17–24 million worldwide.
Due to the non-specificity of the symptoms and the lack of biomarkers, patients with ME/CFS are also not diagnosed correctly or are diagnosed late. Their symptoms worsen over the years and affect the quality of life and everyday life of those affected.

BioReset Longevity HHO® blood purification is a suitable treatment option for chronic diseases such as Long Covid and ME/CFS because:

- **it can reduce inflammatory processes in the body:** Intracellular pathogens such as viruses, bacteria, etc. and pollutants such as heavy metals, microplastics and pesticides can contribute to oxidative cellular stress and intensify or trigger inflammatory reactions. An observational study published in 2021 at the CHU University Hospital in Lille, France, showed that reactivation of latent viruses such as Epstein-Barr virus (EBV), cytomegalovirus (CMV), and human herpesvirus 6 (HHV-6) was common in intensive care COVID-19 patients, confirming that Covid-19 infections can trigger reactivations of these latent viruses that initiate inflammatory processes (4).
  Reducing intracellular pathogens such as viruses and bacteria through detoxification can reduce inflammatory processes, improve cell function and regeneration, and thus help alleviate symptoms of Long Covid and ME/CFS.

- **it supports the immune system:** Chronic diseases are associated with both a weakened and an excessive immune response. For example, it has been shown that increased core body temperatures using hyperthermia increase both the activity and the number of certain immune cells such as natural killer cells (NK cells), which promote the fight against infections and the regulation of inflammation (5).
  A more active immune response helps to modulate inflammatory reactions and fight chronic diseases more effectively.
  During the artificially and controlled fever, intracellular pathogens such as bacteria and viruses etc. die. Bacteria depend on a certain ambient temperature to survive and multiply. When exposed to high temperatures, proteins are denatured, the cell membrane and DNA and RNA are damaged, which prevents them from multiplying and dividing, and thus leads to cell death.
  Viruses are also damaged at high temperatures and lose their ability to replicate in the host cell and become infective due to denaturation of the protein envelope, damage to their lipid envelopes and capsids, and damage to their genetic material.

- **it can promote the ability of tissue repair and regeneration:** Increasing oxygen levels in cells leads to the formation of reactive oxygen species (ROS), which play an important role in the immune response and promote the activity of innate immune cells such as macrophages and neutrophils. These immune cells use ROS to recognize, attack and destroy the cellular structures of pathogens such as viruses and bacteria.

- **In addition,** the administration of oxygen stimulates the regeneration and production of new mitochondria, the so-called “power plants of the cells”, which provide the energy for all processes in the body and are disrupted and reduced in number in chronic diseases.

- **Chronic diseases** such as Long Covid and ME/CFS are often associated with tissue damage and impaired cell regeneration. Oxygen supply can promote tissue repair and thus accelerate healing processes in the body.

1. Dingwei Kuang, Claudio Ronco, Nicholas A. Hoenich, CHAPTER 176 - Poisoning: Kinetics to Therapeutics, Editor(s): Claudio Ronco, Rinaldo Bellomo, John A. Kellum, Critical Care Nephrology (Second Edition), WB Saunders, 2009, Pages 931-954, ISBN 9781416042525, https://doi.org/10.1016/B978-1-4160-4252-5.50184-2. (https://www.sciencedirect.com/science/article/pii/B9781416042525501842)

2. Al-Aly, Z., Davis, H., McCorkell, L. et al. Long COVID science, research and policy. Nat Med 30, 2148–2164 (2024). https://doi.org/10.1038/s41591-024-03173-6

3. Ryabkova, V.A.; Gavrilova, N.Y.; Fedotkina, T.V.; Churilov, L.P.; Shoenfeld, Y. Myalgic Encephalomyelitis/Chronic Fatigue Syndrome and Post-COVID Syndrome: A Common Neuroimmune Ground? Diagnostics 2023, 13, 66. https://doi.org/10.3390/diagnostics13010066

4. Simonnet, A., Engelmann, I., Moreau, AS, Garcia, B., Six, S., El Kalioubie, A., Robriquet, L., Hober, D., & Jourdain, M. (2021). High incidence of Epstein-Barr virus, cytomegalovirus, and human-herpes virus-6 reactivations in critically ill patients with COVID-19. Infectious diseases now, 51(3), 296–299. https://doi.org/10.1016/j.idnow.2021.01.005

5. Kappel, M., Stadeager, C., Tvede, N., Galbo, H., & Pedersen, BK (1991). Effects of in vivo hyperthermia on natural killer cell activity, in vitro proliferative responses and blood mononuclear cell subpopulation Clinical and experimental immunology, 84(1), 175–180. https://doi.org/10.1111/j.1365-2249.1991.tb08144.x

Do you suffer from chronic illnesses such as Long Covid or ME/CFS?

Do you have Long Covid or ME/CFS symptoms that affect your everyday life and your quality of life?

Are you interested in HHO® blood purIFIcation at BioReset?

Book a free medical history consultation today and find out how HHO® blood purification can help you optimize your health and improve your quality of life.

INDICATIONS FOR BIORESET LONGEVITY HHO®

- ☑ Long Covid, ME/CFS
- ☑ pollution, heavy metal pollution, environmental toxin pollution
- ☑ Autoimmune diseases (multiple sclerosis, Crohn's disease, ulcerative colitis, Hashimoto's thyroiditis etc.)
- ☑ Lyme Disease
- ☑ Cancer*
- ☑ Liver Disease
- ☑ Lung Disease (ARDS)
- ☑ Kidney Disease
- ☑ Diseases of the rheumatic spectrum (arthritis, osteoarthritis, gout etc.)

* as a supportive measure to relieve pain and inflammation

HAT - HAEMO-ADSORPTION THERAPY

The HAT process uses only the adsorption column and an external pump to eliminate pollutants from the body. The coating of the adsorbent is important for biocompatibility to avoid damage to blood cells. The adsorbent cartridge used removes a variety of pro- and anti-inflammatory mediators and a wide range of toxic substances such as pharmaceutical compounds and metals with a molecular weight range of 10 - -60 kDa and have a surface area of up to 68,000 m².

Combination of different adsorbers possible.

PROCEDURES AND TREATMENT NOTES

- **> Haemoperfusion integrated with adsorbers**
- **> Treatment time approx. 3 hours**
- **> Normal temperature**

HHO & HAT UPGRADES

Complementary therapies for your HHO & HAT therapy

Next Generation Chelat-Therapie
with Mie2.Vie

Safely eliminate heavy metals, regenerate cells, and promote holistic health

What is Chelation Therapy?
Chelation therapy is an established medical detoxification method. It involves the intravenous administration of so-called chelating agents (e.g. EDTA, DMPS) to bind heavy metals such as lead, mercury, cadmium, or aluminum and eliminate them via the kidneys.

The Mie2.Vie Method: More Than Just Detoxification
Unlike conventional chelation therapy, which focuses solely on the infusion-based removal of heavy metals, Mie2.Vie offers a holistically enhanced approach with three key advantages:

1. Integration of Bioelectric Frequencies for Cellular Activation
- Targeted Frequency Therapy: Specific electrical frequencies promote cell communication and membrane potential.
- Support for Cellular Metabolism: Microcirculation and metabolic processes are stimulated.

2. Mitochondrial System Therapy: Energy for the Cell
- Activation of mitochondria to restore cellular energy.
- Systemic rather than symptomatic: Focused on improving cell function, not just detoxification.

3. Synergy Effect: Detox + Frequency Technology + Micronutrients
- A powerful combination of chelation therapy, frequency impulses, and vital nutrients for maximum therapeutic effect.

BeneFits at a Glance

- Safe heavy metal elimination with EDTA or DMPS
- Biofrequency applications for cellular stimulation
- Complementary supply of vital micronutrients
- Targeted mitochondrial support
- Holistic – systemic – scientifically grounded

Indicated for:
- ☑ Chronic fatigue, burnout
- ☑ Heavy metal exposure (e.g. amalgam)
- ☑ Cardiovascular and metabolic issues
- ☑ Concentration difficulties, brain fog
- ☑ Autoimmune and neurodegenerative diseases

Conclusion
Mie2.Vie takes chelation therapy to the next level: By combining advanced detoxification, bioelectrical cell activation, and mitochondrial regeneration, this synergistic therapeutic approach not only eliminates heavy metals but also sustainably restores energy and health at the cellular level.

HemoLaser

Scientifically Proven Cellular Activation through Light

BioReset's HemoLaser therapy utilizes cutting-edge intravenous laser irradiation as part of the HHO blood purification process to specifically stimulate and regulate the immune system, cellular metabolism, and detoxification. Various colors (light wavelengths) are used, each activating different biological processes in the body - an approach scientifically studied under the term Low-Level Laser Therapy (LLLT). This method is safe, painless, free from side effects, and administered directly into the bloodstream via a sterile optical fiber.

Mechanism of Action: Laser light is introduced into the bloodstream, where it is absorbed by cellular components - primarily the mitochondria. This promotes the production of ATP (cellular energy), nitric oxide (NO), and reactive oxygen species (ROS). These molecules act as key messengers for:

- Cellular regeneration
- Anti-inflammatory effects
- Improved blood circulation
- Immune system activation
- Detoxification

Colors and their scientifically proven effects

Color	Wavelength	Proven Effects
Red	635/658 nm	Increases cellular energy (ATP), activates immune cells (T-/B-cells, macrophages), improves blood flow properties, provides pain relief and anti-inflammatory effects
Blue	405/447 nm	Antibacterial, antiviral, antiparasitic; enhances microcirculation; releases bound nitric oxide (NO) → lowers blood pressure, anti-aging effects, inhibits inflammatory mediators (e.g. NF-kB, IL-6, TNF-α)
Green	532 nm	Binds to hemoglobin → increases oxygen transport, improves cell flexibility, reduces blood viscosity, activates repair processes
Yellow	589 nm	Detoxifying and antioxidant effects, boosts serotonin and vitamin D production, mood-enhancing and antidepressant, beneficial for chronic pain
UV	370 nm	Deactivates viruses, bacteria, and fungi through ROS generation, stimulates immune response, supports vitamin D activation in the body, enhances tissue oxygenation
Infrared	810 nm	Penetrates deepest into tissue (up to 7 cm), activates stem cells, promotes tissue regeneration; ideal for non-invasive treatments or acupuncture

Scientific Evidence

The effectiveness of intravenous laser therapy using the Weberneedle® Endolaser, as applied by BioReset, is supported by numerous scientific studies, including its use in:

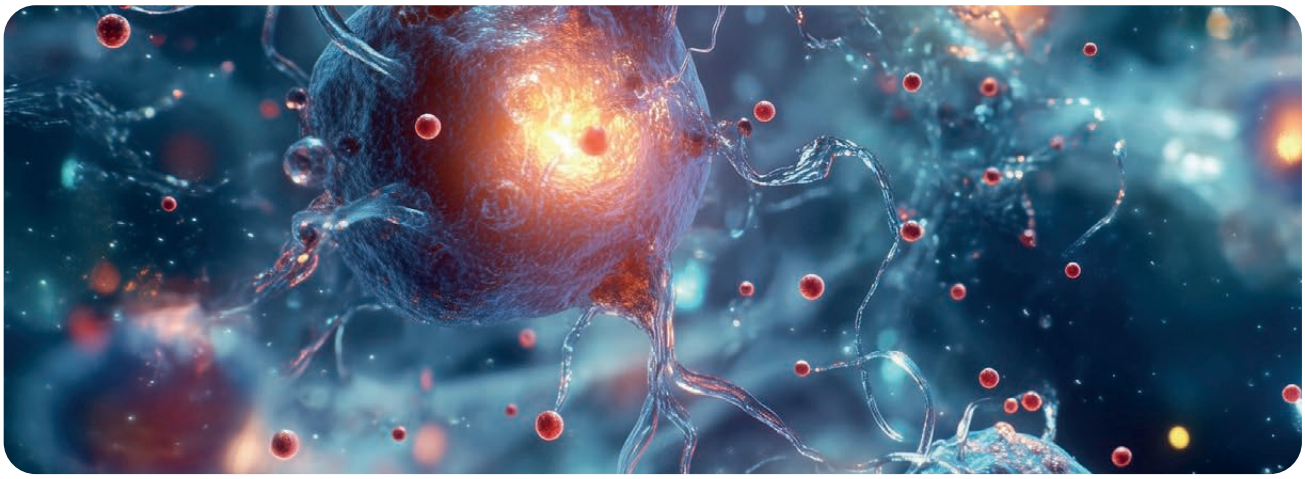
- ☑ Multiple sclerosis, fibromyalgia, autoimmune diseases, and chronic infections (e.g. Lyme disease)
- ☑ Diabetes and cardiovascular conditions
- ☑ Sports medicine and performance enhancement
- ☑ Adjuvant cancer therapy and photodynamic infection treatment

Advantages of BioReset's HHO-HemoLaser Therapy

- ☑ Combination of laser irradiation and hemoperfusion for simultaneous inflammation and heavy metal reduction
- ☑ Customizable color selection based on individual health goals
- ☑ Systemic effect through direct blood irradiation
- ☑ Safe and well-tolerated, with no known side effects

REGENERATION FROM WITHIN

Your Body‘s Natural Therapy with Stem Cells & Exosomes Gentle. Effective. Personalized. For health and renewed vitality.



The Power of Self-Healing Lies Within You

Your bone marrow is a biological treasure: it contains regenerative cells and messenger substances that support healing, vitality, and resilience. This innovative therapy taps into these natural powers – safely and effectively, without foreign substances or synthetic intervention.

How the Therapy Works – Step by Step

STEP 1: GENTLE EXTRACTION

A small amount of bone marrow is carefully taken from the front of your pelvic bone. The procedure is done under local anesthesia, is minimally invasive, and typically completed in just a few minutes.

STEP 2: PRECISE LABORATORY PROCESSING

In our lab, we isolate two key components: stem cells and exosomes. The stem cells are the body’s own repair agents, capable of supporting tissue regeneration and cellular renewal. The exosomes – tiny messenger particles – stimulate communication between cells and initiate natural healing processes.

STEP 3: TARGETED REINTEGRATION

The prepared components are then reintroduced into your bloodstream via infusion. This allows them to circulate and unfold their regenerative potential throughout the body – wherever support is needed.

Tangible Benefits for Body and Mind

This therapy offers more than just a boost to your health. It supports your immune system, making you more resilient against internal and external stressors. It helps reduce chronic, low-grade inflammation, often a hidden factor behind fatigue and aging.
Many patients report improved energy levels, deeper, more restful sleep, and enhanced mental clarity. Over time, the therapy can contribute to slowing the biological aging process – all with substances that come entirely from your own body. Each treatment plan is scientifically grounded and tailored to your personal health goals.

A Natural Boost Beyond the Infusion

The benefits begin earlier than you might expect: the moment your bone marrow is extracted, your body initiates a natural healing response. It starts producing new stem cells, reinforcing regeneration from within – a double effect that continues even after the infusion is complete.

Who Can Benefit?

> This therapy is ideal for individuals who:
> Want to feel renewed vitality
> Suffer from chronic fatigue or inflammation
> Seek recovery after illness or prolonged stress
> Wish to age healthily and improve life quality

ALSO SUITABLE AS PART OF ANTI-AGING AND LONGEVITY PROGRAMS.

Safety and Purity First

> Minimally invasive & outpatient procedure
> Performed under sterile, clinical conditions
> Uses only your body's own biological materials
> No risks from foreign cells or pharmaceuticals

ABOUT US

THE MANAGEMENT TEAM

Dr. Runa Rahman
Doctor of Internal Medicine
longevity expert

Dr. Dieter Orth
Specialist in Anaesthesiology

Markus Girullis
HHO® Expert

Martin Krupitza
Expert in Functional Medicine

Helmut La, CEO
Managing Partner & Longevity Research