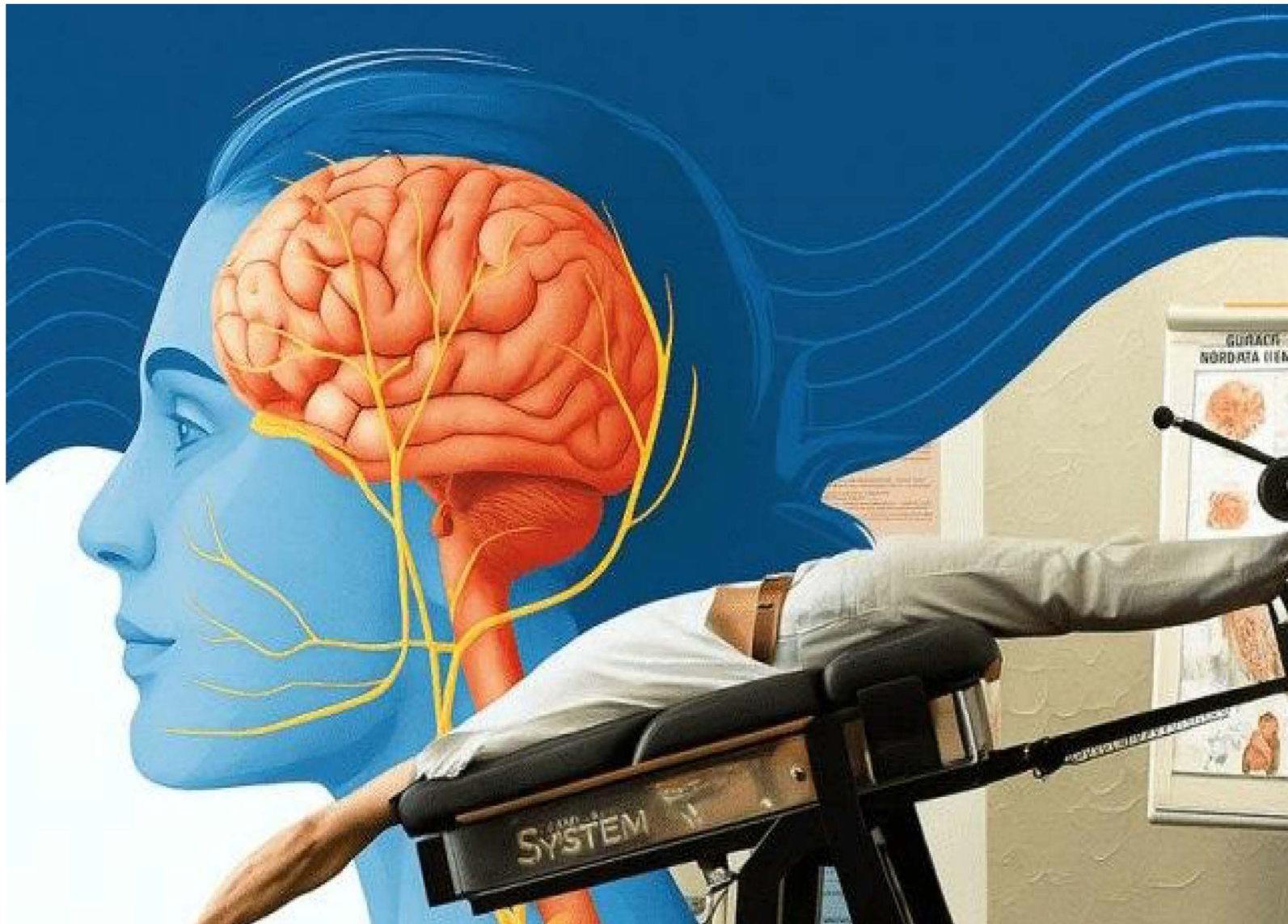


Premium Med Wellness – Dr. HU jabs

- Listen to your Heart – Look at your fire of Life! -



GLYMPHATIC SYSTEM, LYMPHATIC DRAINAGE OF THE BRAIN

Galaxeo® – Lymphatic drainage of the brain for Alzheimer's and Parkinson's disease

September 12, 2025

The glymphatic system as a key to neuroprotection

The brain – unlike other organs – does not have a classic lymphatic system.

Nevertheless, the disposal of metabolic products such as beta-amyloid or alpha-synuclein is essential for maintaining neuronal health.

This is where the glymphatic system comes into play: a newly discovered cleansing mechanism that enables the removal of neurotoxic proteins via perivascular spaces, astrocytes and the cerebrospinal fluid.

Dysfunctions of this system are at the heart of neurodegenerative diseases such as Alzheimer's and Parkinson's.

The glymphatic system of the brain

The glymphatic system is a network of fluid channels that promotes the exchange of cerebrospinal fluid (CSF) and interstitial fluid. Aquaporin-4 channels in astrocytes enable efficient "flushing" of the brain (Jessen et al., 2015).

This process is particularly active during deep sleep and explains why sleep deprivation is associated with an increased risk of neurodegenerative diseases.

Why do beta-amyloid and alpha-synuclein clump together?

In Alzheimer's accumulated Beta-amyloid between nerve cells and disrupts synaptic communication.

In Parkinson's performs the aggregation of Alpha-synuclein to toxic Lewy bodies.

Both proteins are produced in normal metabolism, but are pathologically deposited when clearance is impaired (Rasmussen et al., 2018); (Rasmussen et al., 2022).

Drainage in the healthy brain

In the healthy brain, these metabolic products are continuously transported away via the glymphatic system and meningeal lymphatic vessels (Louveau et al., 2015).

This process is closely linked to the arterial pulsation, sleep architecture and the Integrity of the neck region bound.

Drainage problems – the underestimated cause

Drainage problems can have many causes:

- **Arteriosclerosis** reduces vascular pulsation and thus cerebrospinal fluid flow.
- **Cervical spine damage & muscle tension** can impede cervical cerebrospinal fluid and lymphatic drainage.
- **Nerve damage, especially of the vagus nerve**, influence the autonomous regulation of cerebral fluid balance.

These factors act synergistically, reducing the brain's ability to clean itself and causing neurotoxic proteins to accumulate.

Galaxeo® – Innovation in brain drainage

This is where the patented Galaxeo® system comes in: Through manual therapy in Schumann resonance on the “inclined plane” and the combination with Zenowell™ taVNS (transauricular vagus nerve stimulation), a double effect is achieved:

1. **Decompression of the spine** promotes the free movement of cerebrospinal fluid and lymph.
2. **Neurovagal stimulation** supports autonomic regulation, sleep quality and lymphatic activity.

Galaxeo® thus opens up a new dimension in the prevention and treatment of neurodegenerative diseases – by restoring the brain’s natural “lymphatic drainage”.

The glymphatic system is a key mechanism of brain health.

Disturbances caused by vascular, muscular or neuronal factors promote the accumulation of toxic proteins and thus Alzheimer's and Parkinson's.

As an innovative therapy system, Galaxeo® offers a promising approach to restoring the brain's self-cleaning power.

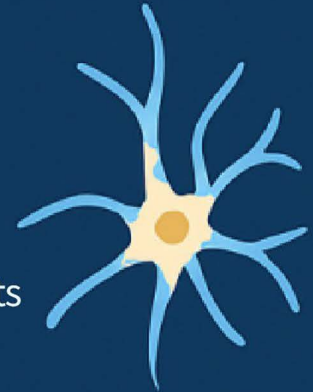
GALAXEO®-

LYMPHATIC DRAINAGE OF THE BRAIN

THE GLYMPHATIC SYSTEM - THE HIDDEN PUMP OF THE BRAIN



- Flushes the brain with cerebrospinal fluid
- Transports metabolic products
- Astrocytes and aquaporin-4 channels



Astrocytes

WHY DO BETA-AMVLQ, ID UNO ALPHA-SYNUCLEIN CLUMP?

- Alzheimer's: Beta-amyloid clumps into plaques
- Parkinson's: Alpha-synuclein aggregates into Lewy bodies



DRAINAGE OBSTRUCTIONS - THE UNDERESTIMATED DANGER

- Arteriosclerosis
- Cervical spine damage
- ⚡ Nerve damage (e.g., to the vagus nerve)



GALAXEO® - INNOVATION FOR BRAIN
SELF-CLEANSING

Zenowell™
taVNS

White paper: Galaxeo® – The lymphatic drainage of the brain

A new approach in the fight against Alzheimer's and Parkinson's

Neurodegenerative diseases such as Alzheimer's and Parkinson's are among the greatest medical challenges of our time.

Despite decades of research, a cure remains elusive.

However, a key to the solution could lie in a system discovered only a few years ago: the glymphatic system – the “lymphatic drainage” of the brain.

This white paper shows how the glymphatic system works, why its disruption promotes the accumulation of toxic proteins such as beta-amyloid and alpha-synuclein – and how the patented Galaxeo® system opens up new ways to support the brain's self-cleansing process.

The glymphatic system – the hidden pump of the brain

Unlike other organs, the brain does not have a classic lymphatic system.

But in 2012, researchers discovered a mechanism that takes over this function: the glymphatic system.

- It flushes the brain with cerebrospinal fluid, transports metabolic products away and thus ensures neuronal “hygiene”.
- Astrocytes and their aquaporin-4 channels enable this exchange particularly efficiently.
- The system is most active during deep sleep, when the brain circulates up to 60% more fluid (Jessen et al., 2015).

Why do beta-amyloid and alpha-synuclein clump together?

Beta-amyloid and alpha-synuclein are produced naturally in the body's metabolism. Problems only arise when their removal is disrupted:

- **Alzheimer:** Beta-amyloid clumps together to form plaques between nerve cells.
- **Parkinson:** Alpha-synuclein aggregates into toxic Lewy bodies.
- **Lack of sleep, vascular changes & age:** Impair cleaning and accelerate deposition (Rasmussen et al., 2018); (Rasmussen et al., 2022).

Drainage problems – the underestimated danger

Several factors can impede brain drainage:

- **Arteriosclerosis:** weakens the pulsation of the arteries that drives the flow of cerebrospinal fluid.
- **Cervical spine damage & muscle tension:** block lymphatic drainage in the neck.
- **Nerve damage (e.g. of the vagus nerve):** disrupt the autonomous regulation of fluid movement.

These disturbances add up and lead to reduced detoxification of the brain.

Galaxeo® – Innovation for self-cleaning of the brain

The patented Galaxeo® system was developed to overcome these drainage problems.

It combines **state-of-the-art neurophysiological findings with innovative therapy:**

1. Manual therapy in Schumann resonance on the “inclined plane”

- Gentle decompression of the spine
- Promotion of cerebrospinal fluid
- lymph flow Activation of the natural pumping mechanisms

2. Zenowell™ taVNS (transauricular vagus nerve stimulation)

- Supports autonomous regulation
- Promotes deep sleep phases in which the glymphatic system is particularly active
- Improves neuronal resilience

Together, these approaches form a unique, non-invasive concept that strengthens the brain's natural self-healing power.

Vision – Prevention & Therapy in Harmony with Nature

Galaxeo® pursues the vision of not only treating the brain symptomatically, but also restoring its natural cleansing and protective function.

- **For patients with Alzheimer's & Parkinson's:** This means new hope for slowing the progression of the disease.
- **For prevention:** It offers a way to reduce the risk of neurodegenerative diseases by promoting the glymphatic system at an early stage.

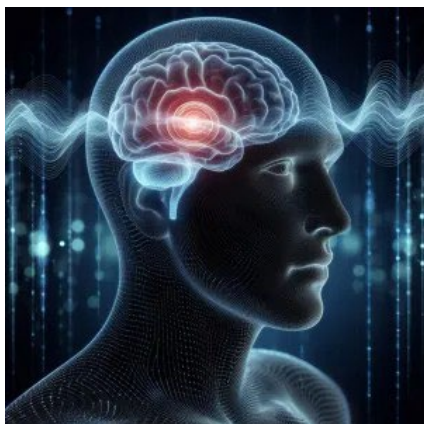
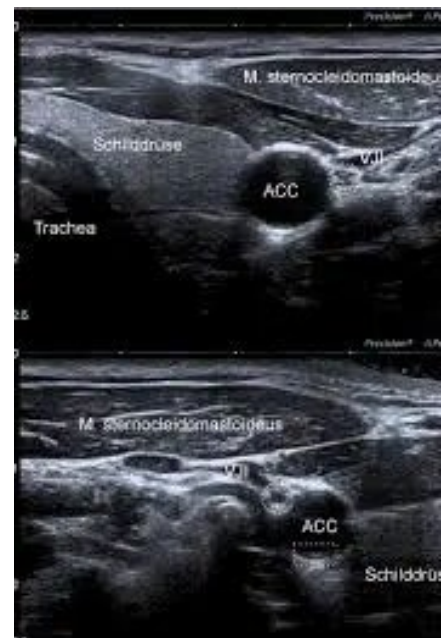
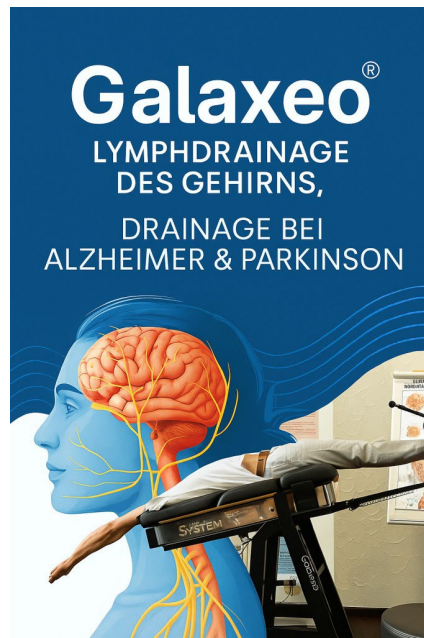
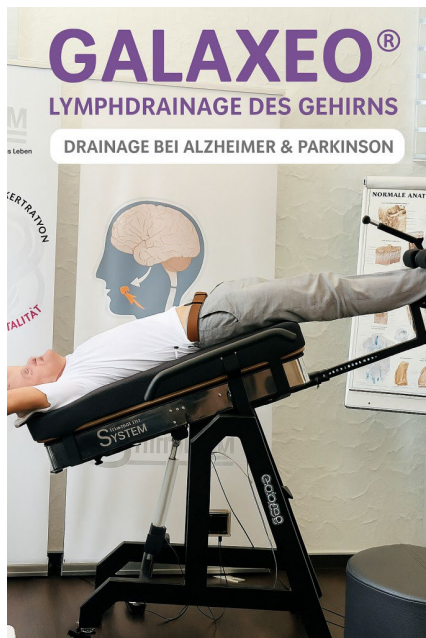
The glymphatic system is the key to detoxifying the brain – and thus to its health.

Disturbances in this system promote the development of Alzheimer's and Parkinson's.

With Galaxeo®, an innovation is available for the first time that supports brain drainage and thus paves the way to a new era of neuro-prevention & therapy.

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Tagged with Autonomic iHealth, Glymphatic System