



Vitalia24
INNOVATIVE HEALTHCARE

MESENCHYMAL STEM CELL THERAPY

for Multiple Sclerosis



MS, Multiple Sclerosis treatment has seen significant advancements with the use of Stem Cell Therapy and Exosome Therapy, offering hope for more effective and regenerative solutions.





Multiple Sclerosis



Today, almost 3 million people worldwide are living with Multiple Sclerosis (MS). Multiple sclerosis is a disease that causes breakdown of the protective covering of nerves. The disease can cause numbness, weakness, trouble walking, vision changes and other symptoms.

Although a cure for MS has not yet been found, significant advancements in treatment, including **Stem Cell Therapy and Exosome Therapy**, are providing new hope for more effective and regenerative solutions.





Overcoming the Challenges of MS



- Multiple sclerosis (MS) profoundly affects the daily and social lives of those living with the condition. Fatigue, pain, and **mobility challenges** can make even simple tasks like walking, cooking, or working feel overwhelming. Cognitive symptoms, such as memory loss or difficulty concentrating, may impact job performance and personal relationships.
- Socially, the unpredictability of symptoms often leads to **isolation**, as individuals may struggle to participate in activities or maintain social connections. Emotional challenges like anxiety and depression are common, stemming from the physical limitations and the uncertainty of the disease's progression.

1868

Definition of the term
“Multiple Sclerosis”

Today

MSC and Exosome
Therapy at Vitalia24



Treating Multiple Sclerosis (MS) with Stem Cells and Exosomes

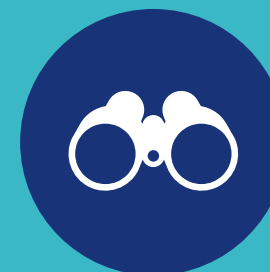
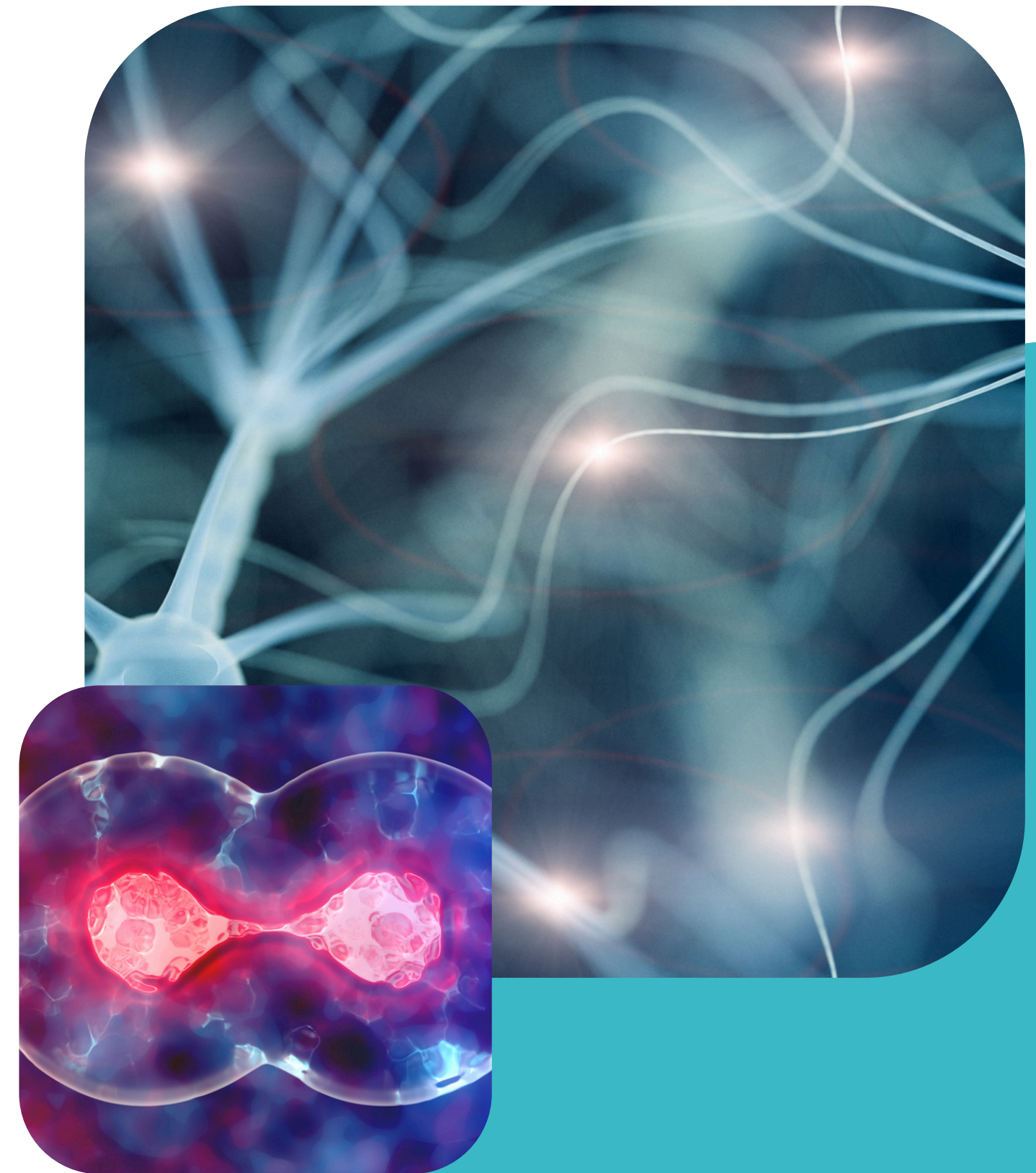


➤ Stem Cell Therapy

Stem cell therapy for MS primarily involves the use of hematopoietic stem cells (HSCs) and mesenchymal stem cells (MSCs). HSCs, derived from bone marrow or blood, can rebuild the immune system to reduce the autoimmune attack on myelin, the protective sheath around nerves. This approach, known as autologous hematopoietic stem cell transplantation (aHSCT), aims to “reset” the immune system. MSCs, on the other hand, have immunomodulatory properties that help reduce inflammation and promote repair.

➤ Exosome Therapy

Exosomes, small vesicles secreted by cells, including stem cells, play a vital role in cell communication and influence biological processes. Stem cell-derived exosomes carry therapeutic molecules that can reduce inflammation, promote neurogenesis, and modulate the immune response, potentially improving neurological function, modulating immune responses, reducing harmful inflammation and improving neurodevelopmental outcomes. This approach is only minimally invasive, and combined with Stem Cell Therapy it enhances the positive results.





Our Mission



Vitalia24 is a dedicated team of professionals with extensive experience in **Stem Cell and Exosome Therapies**.

Our mission is to provide cutting-edge treatments for patients seeking innovative solutions to complex health challenges, particularly focusing on conditions such as autism, multiple sclerosis and other neurodegenerative diseases, and chronic illnesses.

- ✓ **Professional Health Care Provider**
- ✓ **Multilingual Supporting Staff**
- ✓ **Smooth Administrative Processes**
- ✓ **Community and Education**



Pre-Treatment



Our patients undertake several actions before traveling for treatment to ensure a safe and successful experience. Here is a detailed outline of the steps typically involved:



Online-Consultation with our Head Doctor

The consultation takes place after the patient has provided all medical records and our Head Doctor finds the patient eligible. During the call, the patient has the opportunity to ask whatever questions might arise.



Treatment Protocol and Estimate

After the Zoom-Call and in agreement with the patient a treatment protocol will be established, the consent form signed and a cost estimate will be sent.



Treatment Date & Travel Arrangements

In agreement with the patient, doctor and clinic we fix a specific date for the treatment. We support the patient with travel arrangements such as hotel selection, airport transfer, visa, etc.





Therapy and Post-Treatment



The treatment usually takes 3 days and arrivals take place the day before.



Arrival, Pick-up and Treatment Plan

The patient will be picked up at the hotel and brought to the clinic for the evaluation. At the clinic the patient has a private room and receives an individual treatment plan.



Treatment Completion and Evaluation

After the treatment is completed the patient will be brought back to the hotel. Before discharging the patient, the medical staff carries out the final evaluation.



Ongoing Support and Consultation

After 4-6 weeks an online-consultation will be organized to discuss the patient's condition. The patient has permanent access to medical staff to discuss open questions.





Treatment Location



Located close to **Istanbul, Turkey**, this is a premier healthcare institution known for its comprehensive medical services and state-of-the-art facilities. The **Merkez Prime Hospital** is strategically situated in Gebze, a significant industrial hub in the Kocaeli Province, making it accessible to a large population in the region.

The hospital boasts **modern infrastructure** with advanced medical technology, ensuring that patients receive the highest quality of care, featuring numerous specialized departments, including cardiology, orthopedics, neurology, oncology, and pediatrics, among others. Each department is equipped with cutting-edge diagnostic and treatment tools, enabling precise and effective medical interventions.





Meet the Team



Medical Team

Multilingual Experts
of Vitalia24



Frank Rothmaier

Founder & Director
of Vitalia24



Jenny De Bonis

Patient Coordinator
at Vitalia24



FAQs



> What is the success rate?

While Stem Cell and Exosome Therapies for MS offer exciting potential, they are still experimental. At Vitalia24, we apply a rigorous evaluation process when assessing and selecting patients. Only cases with a high likelihood of improvement are accepted, ensuring an **exceptionally high success rate**. In our patients, we observed reduced inflammation, protection from cell damage, and facilitation of myelin repair.

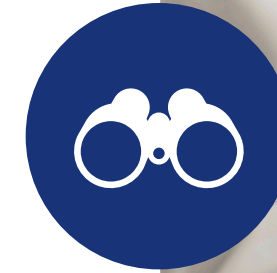
> Which results can be expected?

Potential Benefits are:

- **Improved Neurological Function**
- **Reduced Inflammation**
- **Promoted Cellular Repair**
- **Individualized Treatment**

> What is the cost?

This treatment is usually not covered by national health insurance programs. Reach out to our skilled and multilingual team to request a personalized evaluation and proposal.





Get In Touch



Get in touch today with our specialized medical practice and dedicated team of professionals with extensive experience in **Stem Cell and Exosome Therapies.**



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