

Personalized Autism Treatment Protocol

Patient-Facing Regenerative Medicine Plan



Dear Mahir's Family,

This protocol has been prepared specifically for Mahir Mustaf Ali and is designed to support neurological and developmental function through a carefully structured regenerative medicine approach. Using Wharton's jelly-derived stem cells and exosomes, we aim to support neuroinflammatory balance, immune modulation, communication, focus, and overall well-being.

Our goal is to accompany Mahir on his journey with a plan that is personalized, science-driven, and delivered with the highest standards of safety and care. We are grateful to be part of your family's path forward.

**With care and commitment,
The NeoStem Team**



Patient Information

Patient Name:	Mahir Mustaf Ali
Date of Birth:	17.07.2018
Age:	7 years
Weight:	46 kg
Height:	128 cm



Treatment Overview

Therapy	Dose	Route of Administration
Wharton's jelly-derived mesenchymal stem cells	100 million	Intrathecal under sedation
Wharton's jelly-derived exosomes	5 billion	Intravenous (IV)
Wharton's jelly-derived exosomes	5 billion	Intranasal



Why This Protocol Is Structured This Way

1

Intrathecal delivery is chosen to support direct central nervous system access.

2

IV exosomes are included for systemic support and cell signaling.

3

Intranasal exosomes are included to support the olfactory pathway and brain-directed delivery.



Neuroinflammatory
Balance



Immune
Modulation



Communication
& Social Connection



Focus, Learning
& Overall Well-being



Personalized. Science-Driven.
Delivered with Care.

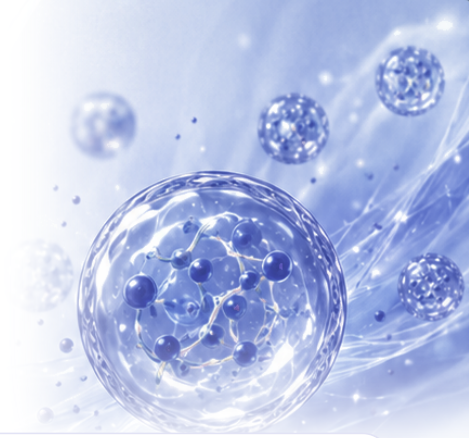


www.neostemturkey.com

ASIC - 1-78680100926

Personalized Treatment Plan & Financial Summary

This protocol has been personalized for Mahir based on his age, weight, and treatment goals. The combined approach is designed to support central nervous system access together with systemic and brain-directed regenerative signaling.



Protocol Summary

Patient Name	Mahir Mustaf Ali
Date of Birth	17.07.2018
Weight	46 kg
Height	128 cm
Main Treatment Component	100 million Wharton's jelly-derived mesenchymal stem cells intrathecally under sedation
Supportive Component 1	5 billion Wharton's jelly-derived exosomes intravenously
Supportive Component 2	5 billion Wharton's jelly-derived exosomes intranasally



Planned Treatment Day

Step	Description
1	Hospital admission and pediatric pre-procedure assessment
2	Intrathecal treatment under sedation
3	Recovery and observation period
4	Intravenous exosome administration
5	Intranasal exosome administration and discharge



Package Includes

- ✓ Physician review and treatment planning
- ✓ 100 million Wharton's jelly-derived mesenchymal stem cells intrathecally under sedation
- ✓ 5 billion Wharton's jelly-derived exosomes intravenously
- ✓ 5 billion Wharton's jelly-derived exosomes intranasally
- ✓ Day-of-treatment monitoring and observation
- ✓ Transfer from hotel to hospital and hospital to hotel
- ✓ Official company invoice



Not Included

- ✗ Hotel accommodation
- ✗ Flights
- ✗ Additional tests or medicines if required outside the protocol



Financial Summary

Item	Amount
Total Package Price	€8,000
Reservation Deposit (20%)	€1,600
Remaining Balance (80%)	€6,400
Payment Method	20% deposit through official company invoice



Our team's priority is to make Mahir's treatment journey as smooth, organized, and supportive as possible for the family.



Neuroinflammatory Balance



Immune Modulation



Communication & Social Connection



Focus, Learning & Overall Well-being



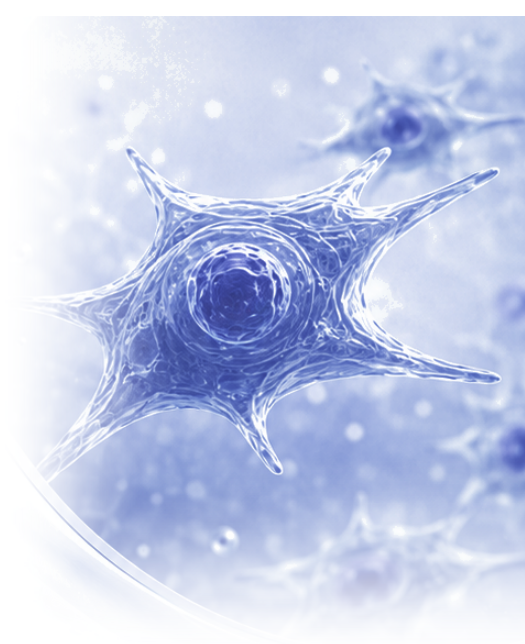
Personalized. Science-Driven. Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926

About Wharton's Jelly-Derived Mesenchymal Stem Cells



Wharton's jelly-derived mesenchymal stem cells are obtained from the connective tissue of the umbilical cord and are widely valued in regenerative medicine for their supportive, immunomodulatory, and tissue-supporting properties.



Stem Cell Profile

Source	Wharton's jelly of the umbilical cord
Cell Type	Mesenchymal stem cells (MSCs)
Planned Dose for Mahir	100 million
Planned Route	Intrathecal under sedation
Main Purpose in This Protocol	Central nervous system support



Why These Cells Are Chosen



Immune modulation

These cells help regulate the immune response and support a balanced environment.



Supportive anti-inflammatory environment

They contribute to a calmer, more supportive inflammatory response.



Tissue support and repair signaling

They release natural signals that encourage tissue support and repair.



Neuro-supportive regenerative potential

They help support a healthier environment for the nervous system to function optimally.



What This Means for Mahir's Plan

In this protocol, these stem cells serve as the main regenerative component. They are carefully selected to help support a healthier neurological environment, promote natural repair processes, and support overall well-being. While the goal is to provide the best possible support, the exact response can vary from child to child.



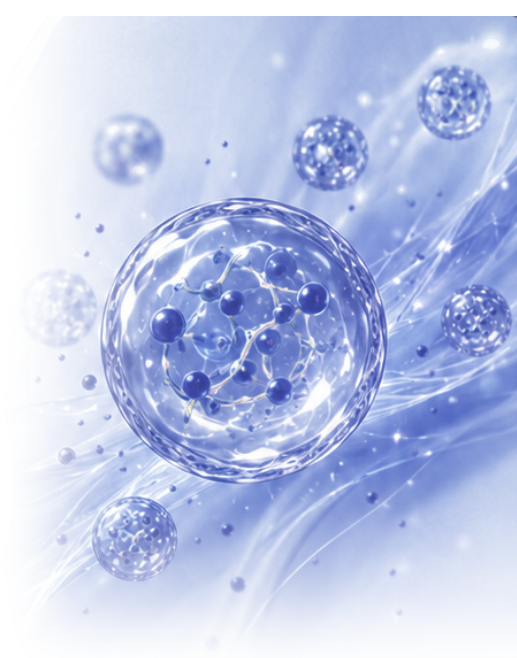
Personalized. Science-Driven.
Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926

About Wharton's Jelly-Derived Mesenchymal Exosomes



Exosomes are tiny extracellular vesicles naturally released by cells. They carry important signaling molecules such as proteins, lipids, and RNA that help cells communicate and coordinate their activity.

Wharton's jelly-derived mesenchymal exosomes are a powerful, cell-free component used in regenerative medicine to support this natural communication.

In this protocol, exosomes act as messengers—helping create a supportive environment that encourages balance, repair, and overall well-being.



Exosome Profile

Source	Wharton's jelly-derived mesenchymal exosomes
Planned Total Dose for Mahir	10 billion total
IV Dose	5 billion
Intranasal Dose	5 billion
Main Purpose in This Protocol	Supportive regenerative signaling



Why Exosomes Are Included

1



Cell signaling support

Exosomes carry natural signals that help cells respond and function effectively.

2



Communication between cells

They help cells share information, supporting coordination and balance throughout the body.

3



Supportive regenerative environment

Exosomes help create conditions that encourage repair, adaptation, and long-term wellness.

4



Complementary role alongside stem cells

They work together with stem cells to enhance the overall regenerative process.



How Exosomes Complement Stem Cells

Stem cells and exosomes are different, but they work beautifully together. Stem cells are the living cells in this protocol that have the ability to develop and support tissue repair. Exosomes are the messengers—tiny vesicles released by cells that carry signals to guide, support, and enhance the body's natural healing environment. Together, they create a more complete and effective approach to regenerative support.



Personalized. Science-Driven.
Delivered with Care.



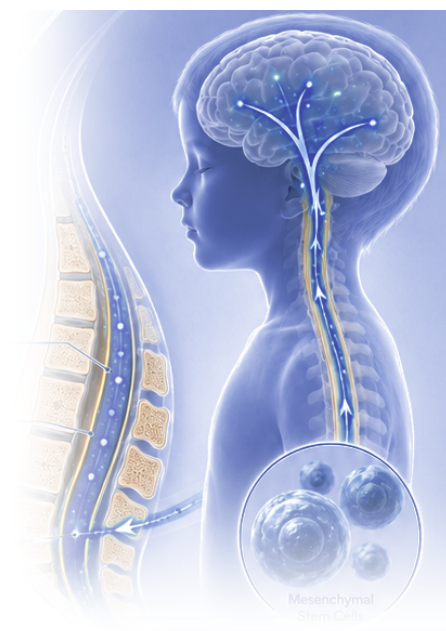
www.neostemturkey.com

ASIC - 1-78680100926

Intrathecal Administration Under Sedation

A Key Component of Mahir's Treatment Plan

Intrathecal administration means the regenerative cells are delivered gently into the cerebrospinal fluid (CSF) space using a precise, minimally invasive approach under sedation. This allows the cells to travel naturally with the CSF, providing support throughout the central nervous system, including the brain and spinal cord. The procedure is planned to be performed in a hospital setting with a multidisciplinary medical team focused on Mahir's safety, comfort, and well-being.



Intrathecal Treatment Details

Product	Wharton's jelly-derived mesenchymal stem cells
Dose	100 million
Route	Intrathecal
Sedation	Yes
Setting	Hospital
Purpose in Mahir's Protocol	Direct central nervous system support



Why the Intrathecal Route Is Important



Designed for central nervous system access



Supports broad cerebrospinal fluid distribution



Paired with sedation for comfort during the procedure



Forms the core component of Mahir's treatment plan



What Families Can Expect on the Day



1



2



3



4

Admission and preparation

Mahir will be welcomed and prepared by our care team.

Sedation and physician-led procedure

The intrathecal administration is performed under sedation by an experienced physician.

Recovery observation

Mahir will be closely monitored as he awakens and recovers.

Continuation with supportive exosome treatments

IV and intranasal exosome therapies continue to support his journey.



Personalized. Science-Driven.
Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926

Intravenous (IV) Exosome Administration

Intravenous administration allows exosomes to enter the bloodstream and circulate throughout the body, supporting systemic regenerative signaling. This approach helps deliver supportive bioactive signals where they are needed most, contributing to overall balance and whole-body well-being.



IV Exosome Details

Product	Wharton's jelly-derived mesenchymal exosomes
Dose	5 billion
Route	Intravenous (IV)
Delivery Method	Slow IV infusion
Purpose in Mahir's Protocol	Systemic support and regenerative signaling

Why IV Exosomes Are Included



1. Systemic circulation support

Exosomes enter the bloodstream and are distributed throughout the body.



2. Body-wide signaling effect

Supports communication between cells and tissues across multiple systems.



3. Complements the intrathecal cell component

Works synergistically with intrathecal delivery to enhance overall support.



4. Adds an additional supportive regenerative layer to the protocol

Provides another source of bioactive signals to reinforce the protocol's comprehensive approach.



How It Is Given



Mahir receives the IV exosome infusion in a calm, comfortable clinical setting.



The exosomes are gently administered through an IV line as a slow infusion.



The medical team monitors Mahir throughout to ensure safety and comfort.



The process is designed to be smooth, supportive, and well-tolerated.



Neuroinflammatory Balance



Immune Modulation



Communication & Social Connection



Focus, Learning & Overall Well-being



Personalized. Science-Driven.
Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926

Intranasal Exosomes and the Olfactory Pathway

Intranasal administration is a non-invasive supportive route in which exosomes are delivered through the nasal cavity. The olfactory pathway provides a natural, brain-directed route of support, allowing bioactive signals to reach areas of the brain involved in regulation, communication, and overall neurological well-being.



Intranasal Exosome Details

Product	Wharton's jelly-derived mesenchymal exosomes
Dose	5 billion
Route	Intranasal
Delivery Method	Nasal application / spray technique
Purpose in Mahir's Protocol	Support through the olfactory pathway and brain-directed signaling



Why the Intranasal Route Is Used

1



Non-invasive application

Delivered gently through the nose without needles or sedation.

2



Support through the olfactory pathway

Exosomes travel via the olfactory nerve for targeted neuro-support.

3



Brain-directed supportive delivery concept

Designed to reach areas of the brain involved in balance, communication, and regulation.

4



Complements both intrathecal stem cells and IV exosomes

Part of a carefully structured, multi-modal regenerative approach.



The Role of the Olfactory Nerve Pathway

The upper part of the nasal cavity is closely connected to the olfactory system. When exosomes are delivered intranasally, they can access the olfactory nerve endings and travel along this natural pathway toward the brain. This is why the intranasal route is valued in certain neuro-supportive protocols—to provide gentle, brain-directed support in a non-invasive way.



Non-invasive



Brain-Directed Support



Targeted Communication



Gentle, Supportive Approach



Personalized. Science-Driven.
Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926

Treatment Rationale

Why this multimodal protocol has been selected for Mahir

This protocol is designed as a structured regenerative medicine support plan for Mahir. It combines Wharton's jelly-derived mesenchymal stem cells and exosomes using complementary delivery routes to provide central nervous system support, systemic regenerative signaling, and brain-directed assistance through the olfactory pathway.



Patient Information

Patient Name:	Mahir Mustaf Ali
Date of Birth:	17.07.2018
Age:	7 years
Weight:	46 kg
Height:	128 cm



Treatment Components of This Protocol

Treatment Component	Planned Dose	Supportive Rationale
Wharton's jelly-derived mesenchymal stem cells	100 million	Selected as the core component to provide central nervous system support through intrathecal administration under sedation.
Wharton's jelly-derived exosomes	5 billion IV	Included to provide systemic regenerative signaling and supportive body-wide communication.
Wharton's jelly-derived exosomes	5 billion intranasal	Included to support the olfactory pathway and gentle brain-directed delivery.



Why this plan is structured this way



Direct central nervous system access

Intrathecal delivery allows for targeted support of the central nervous system where it is most needed.



Systemic supportive signaling

Intravenous exosomes help promote regenerative signaling and communication throughout the body.



Brain-directed non-invasive support

Intranasal exosomes help support the olfactory pathway and provide gentle, brain-directed assistance.



Complementary multi-route design

Using multiple delivery routes allows for a well-rounded approach to support Mahir's neurological and overall well-being.



Important note for families

This protocol is designed to support neurological and developmental well-being through carefully selected regenerative medicine components. Responses can vary from child to child. This document does not promise or guarantee any specific medical outcome.



Neuroinflammatory Balance



Immune Modulation



Communication & Social Connection



Focus, Learning & Overall Well-being



Personalized. Science-Driven.
Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926

Detailed Route-by-Route Rationale

How each part of Mahir's protocol contributes to the overall plan

Mahir's treatment plan uses three complementary routes—intrathecal stem cells, intravenous exosomes, and intranasal exosomes—to create a carefully structured, supportive protocol. Each route plays a unique role, and together they work in harmony to support neurological balance, immune modulation, communication, and overall well-being.



	1. Intrathecal Stem Cells	2. Intravenous Exosomes	3. Intranasal Exosomes & the Olfactory Pathway
What it is	Stem cells are placed into the cerebrospinal fluid (CSF) space under sedation in a hospital setting.	Exosomes are delivered into the bloodstream through a slow IV infusion.	Exosomes are administered intranasally to support brain-directed delivery via the olfactory pathway.
Product	Wharton's jelly-derived mesenchymal stem cells	Wharton's jelly-derived exosomes	Wharton's jelly-derived exosomes
Dose	100 million	5 billion	5 billion
Route	Intrathecal	Intravenous (IV)	Intranasal
Setting / Method	Under sedation in a hospital setting	Slow IV infusion in a clinical setting	Non-invasive nasal application in a clinical setting
Supportive Purpose	Direct central nervous system access and broad distribution through CSF	Systemic signaling support and whole-body balance; complements the main intrathecal component	Brain-directed support through the olfactory pathway and local neurological pathways

Why combine these routes?



Direct CNS Support

Intrathecal stem cells placed provide direct access to the CSF space, supporting neurological environments where it is needed most.



Systemic Support

IV exosomes help distribute supportive signals throughout the body, aiding balance and communication across multiple systems.



Brain-Directed Support

Intranasal exosomes use the olfactory pathway to reach brain-targeted areas in a non-invasive manner.



Complementary Multimodal Strategy

Together, these routes create a comprehensive, multi-layered approach to support regenerative goals.



What this means for Mahir

This protocol has been thoughtfully designed based on Mahir's age, weight, and overall treatment structure. It brings together three scientifically grounded routes to support neurological balance, immune modulation, communication, focus, and overall well-being as part of a supportive regenerative medicine plan.



Important Note: This plan is educational and patient-facing. It is not intended to diagnose, treat, cure, or prevent any disease. Individual response to regenerative medicine therapies can vary. The information provided is based on current scientific understanding and clinical experience and is subject to change as new research emerges.



Neuroinflammatory
Balance



Immune
Modulation



Communication
& Social Connection



Focus, Learning
& Overall Well-being



Personalized. Science-Driven.
Delivered with Care.



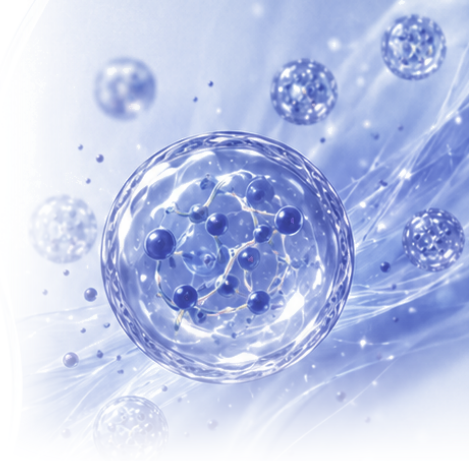
www.neostemturkey.com

ASIC - 1-78680100926

Package Inclusions & Payment Information

A clear financial overview for Mahir's family

We are committed to transparency and clarity. This page provides a complete summary of your personalized treatment package, what is included, what is not included, and how payments are structured.



Financial Summary

Item	Amount
Total package price	€8,000
Reservation deposit (20%)	€1,600
Remaining balance (80%)	€6,400
Payment method	20% deposit through official company invoice

Package Includes

- ✓ Physician review and treatment planning
- ✓ 100 million Wharton's jelly-derived mesenchymal stem cells intrathecally under sedation
- ✓ 5 billion Wharton's jelly-derived exosomes intravenously
- ✓ 5 billion Wharton's jelly-derived exosomes intranasally
- ✓ Day-of-treatment monitoring and observation
- ✓ Transfer from hotel to hospital and hospital to hotel
- ✓ Official company invoice

Not Included

- ✗ Hotel accommodation
- ✗ Flights
- ✗ Additional tests, medicines, or services outside the stated protocol if required

Simple Payment Steps

-  1
Request or receive the official invoice.
-  2
Pay the 20% reservation deposit to secure the treatment slot.
-  3
Receive confirmation and scheduling support.
-  4
Pay the remaining balance according to clinic coordination before or on the treatment day.

We understand that every family has unique needs. Our team is here to provide full coordination and answer any questions you may have about your treatment journey.

-  Neuroinflammatory Balance
-  Immune Modulation
-  Communication & Social Connection
-  Focus, Learning & Overall Well-being

 Personalized. Science-Driven. Delivered with Care.

 www.neostemturkey.com

ASIC - 1-78680100926

Treatment Day Journey & Next Steps

What Mahir's family can expect before, during, and after the visit

Our goal is to make Mahir's treatment day as smooth, organized, and supportive as possible. This step-by-step overview explains what to expect, who will be with you, and how we take care of both Mahir and your family throughout the day.



1



Coordination and Arrival

Our team transfers you from the hotel to the hospital. We confirm the schedule, complete check-in, and guide you to the treatment area.

2



Pediatric Pre-Procedure Review and Preparation

Pediatric and anesthesia teams review Mahir's health status, vitals, and any questions. Mahir is prepared for the procedure in a child-friendly environment.

3



Intrathecal Treatment Under Sedation in the Hospital

Mahir receives the intrathecal administration of Wharton's jelly-derived mesenchymal stem cells (100 million) under sedation. He is continuously monitored for safety and comfort.

4



Recovery and Observation

Mahir rests in the recovery area while our team monitors his vitals and overall condition. We ensure he is awake, comfortable, and stable before the next steps.

5



IV Exosome Administration

Mahir receives the IV infusion of 5 billion Wharton's jelly-derived exosomes. He is monitored throughout the infusion.

6



Intranasal Exosome Administration, Discharge, and Transfer Back to Hotel

Mahir receives the intranasal administration of 5 billion exosomes. Once complete and stable, our team provides discharge guidance and transfers you back to the hotel.



Helpful preparation for the family

- ✓ Passport or identification documents (for hospital registration)
- ✓ Prior reports and relevant medical documents
- ✓ Payment confirmation / invoice information
- ✓ Comfortable clothing and essential items for the day (snacks, water, entertainment, etc.)
- ✓ List of current medications and any allergies



Coordination Support

- ✓ The package includes transfer from hotel to hospital and hospital to hotel.
- ✓ Our team will assist with scheduling, time management, and communication throughout the day.
- ✓ We are your point of contact for any questions or needs.

Dear Mahir's Family,



Thank you for trusting us with Mahir's care. We know every step matters, and we are here to support both Mahir and your family with compassion, attention, and expertise. You are not alone on this journey—our team will be with you at every step.



Recovery and response can differ from child to child. Please follow all post-procedure instructions and keep in touch with our team. Your observations and feedback are important for ongoing care.



Neuroinflammatory
Balance



Immune
Modulation



Communication
& Social Connection



Focus, Learning
& Overall Well-being



Personalized. Science-Driven.
Delivered with Care.



www.neostemturkey.com

ASIC - 1-78680100926