

information packet



STEMEDIX

PERSONALIZED REGENERATIVE MEDICINE

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WHAT CAN I EXPECT?

Your Care Coordinator will assist you throughout every stage of our process to ensure a stress-free experience. Since our procedures are tailored to each patient, we require information provided by the patient and their providers to develop a personalized treatment plan for you. Upon your arrival for treatment, you will undergo a pre-consultation with the treating physician, who will review the procedure and address any inquiries you may have.

We provide various packages tailored to the severity of your condition. Our Umbilical Cord Tissue (UCT) derived mesenchymal stem cells (MSCs) and exosomes offer a more aggressive approach, considering factors such as age and condition progression.

The most suitable cell source is determined by our physician staff, considering factors such as the patient's current condition, medical history, and blood work. Subsequently, the products are administered into target areas using various injection methods. Post-operative care is minimal, and a follow-up phone consultation is scheduled for the morning after the procedure.



THE STEMEDIX DIFFERENCE

A few years ago, Stemedix embarked on a journey to test biological products in the regenerative medicine field, which led to a commitment to excellence. Through flow cytometry and Nanoparticle analysis testing, we uncovered misleading claims about certain products, revealing that many contained dead and broken pieces of cells which were often counted as live cells. Unfortunately, these inferior products were primarily produced by physicians and entrepreneurs.

Today, we're thrilled to see that biological cellular scientists are now crafting superior products. While some subpar products are still on the market, you can trust that Stemedix has done the necessary work to offer the industry's best for our patients.

With a cellular scientist boasting over 25 years of experience with UCT-derived stem cells and exosomes on our team, we've refined our protocols based on the latest studies and scientific data.

With over a decade of experience, we are deeply committed to regenerative medicine, and our unwavering promise to you, the patient, is continuous improvement.

OUR MISSION

To positively impact the quality of life of our patients by reducing the symptoms of their conditions by using the highest quality regenerative medicine products and regenerative therapy treatment methods backed by existing studies and scientific publications.

HIGHLIGHTS TO OUR SERVICES INCLUDE:

- Dedicated Care Coordinator & Doctor
- Hotel and Personal Car Service accommodations included
 - Customized Treatment Plans
- Treatment Options: Umbilical Cord Tissue (91% viability), Extracellular Vesicles (Exosomes), Bone Marrow, Adipose (fat), and Hyperbaric Oxygen
- Medical History and Supplemental Evaluations



With Stemedix, you have the comfort of knowing you are being offered the highest level of patient care with a worry-free process. Please see the comments and personal videos testimonies on our website to see our patients' experience and their personal journey to wellness with Stemedix.

YOUR JOURNEY TO WELLNESS

Those seeking an alternative treatment with stem cell therapy may have many questions and become overwhelmed when trying to figure out where to begin.

Fortunately, professional Stemedix Care Coordinators are available to answer your questions, relieve your concerns, and help walk you through this step-by-step process.

1

Contact one of our Care Coordinators to start your journey to a healthier lifestyle. They'll answer your questions about our stem cell treatments and guide you through the process, ensuring you understand what to expect and what comes next.

2

Next, we'll assess your eligibility for therapy. Fill out our Medical History Form with your current symptoms, medical history, and medications. Be detailed so our physician team can determine if stem cell therapy is safe and beneficial for you and recommend the best treatment plan.

3

We will also need recent assessment records, imaging reports, and blood work. These records may be obtained on your behalf with our medical release form. Additional tests may be needed based on your treatment plan to ensure your safety and eligibility for specific treatments.

4

Once we receive your Medical History Form and initial medical records, your Care Coordinator will submit them to our medical team for review. They'll assess your candidacy for treatment and provide customized recommendations. Our Board-Certified Providers prioritize your safety and aim for the best outcomes. They'll ensure treatment is safe and advise if it can reasonably impact your condition.

5

After approval for treatment, the final step is to secure your stem cell treatment date by making a deposit. Once you choose a date that suits you, you'll receive a Welcome Packet containing your treatment plan, itinerary, hotel options, and instructions on how to prepare for your treatment.



WHAT IS UMBILICAL CORD DERIVED STEM CELL THERAPY?

Stemedix offers a new approach to stem cell therapy that utilizes one of the most potent and viable cell sources, Umbilical Cord Tissue (Wharton's Jelly). Our Board-Certified Providers use umbilical cord tissue derived MSC's (91% viability) and exosomes to provide a powerful approach in the management of a wide variety of neurological and respiratory conditions as well as degenerative and joint related conditions.

Because this is not a cord blood product, this is extremely safe and does not require blood type matching.



Using a proprietary process, umbilical cord cells are harvested from healthy C-section births, screened for disease and processed within 12 hours of births in USA hospitals. These cells are some of the youngest, meaning they possess a longer cell life than those derived from adults. The product is derived from Wharton's Jelly, which lines the vessels in the Umbilical Cord. This area contains 50X greater growth factors, hyaluronic acid, cytokines, and proteins than any other product which allows for a more concentrated healing cascade. The Wharton's Jelly is comprised of 80% mesenchymal stem cells (MSCs) making it extremely potent. Xeno free cryopreservation is used to ensure potency and cell count remains minimally impacted. Mesenchymal stem cells are considered undifferentiated cells that can replicate many tissues of the body.

UMBILICAL CORD TISSUE DERIVED MSC'S

What can I expect?

Unlike bone marrow and adipose stem cell therapies, there is no surgery involved and the recovery process is considered minimal. While other stem cell procedures require an incision to be made or post-operative care lasting up to at least one-week, umbilical stem cell therapy does not require surgical intervention. The procedure involves the administration of umbilical cord stem cells into the targeted areas of the body according to your customized treatment plan.

Methods of administration could include one or more of the following methods: intravenous, intranasal, intra-articular, intramuscular, intrathecal, or via nebulizer. Umbilical Cord Stem Cell Therapy offers a powerful alternative for those considering an allogeneic approach when traditional medicine has provided less than optimal results.



As pioneers in the field of stem cell therapy research, our medical staff proudly offers this revolutionary and viable method of regenerative medicine in the treatment of a wide variety of debilitating conditions.

- 3 Day/ 2 Night stay at provided choice of hotel
- Care Coordinator assistance during your stay
- Private car service to and from airport and appointments
- Pre-treatment physician consultation
- Customized treatment plan
- Post-operative monitoring & follow-up protocol

WHAT IS ADIPOSE STEM CELL THERAPY ?

Using only the latest advancements in regenerative medicine guided by our lead scientist, our Board-certified Providers offer a therapy which harvests mesenchymal stem cells from a patient's own adipose (fat) tissue in hope of repairing the damage caused by several autoimmune and degenerative conditions. These cells can be reintroduced into the body using a few different methods for a targeted approach. Mesenchymal stem cells are considered undifferentiated cells that have the ability to replicate many tissues of the body, including those damaged by chronic inflammation.

Our own body fat is rich with stem cells that can be used as a renewable source of cell replacement for a powerful treatment against a wide range of debilitating autoimmune, degenerative, neurological, and orthopedic conditions.

ADIPOSE STEM CELL THERAPY

Your week will include a pre-operative appointment with the performing provider to review any questions you may have and the treatment day expectations. There is also a postoperative appointment to monitor the healing process of your treatment and change the dressing of the incision site.

The treatment process begins with a mini liposuction to extract up to 200cc (approximately 3/4 cup) of adipose tissue.

The cells are then placed through an anti-body filtration and sterilization process.

Based on your treatment plan, the cells are then reintroduced into the body.

Ask your coordinator about our new storage program offering!

The administration methods could include one or more of the following methods:

- Intravenous- IV Infusion
- Intranasal – Nasal Injection
- Intraarticular – Joint Injection
- Intramuscular – Muscle Injection
- Intrathecal – Spinal Injection (added cost \$2000)

Package Includes:

- 3 Day/ 2 Night stay at provided choice of hotel
- Private car service to and from airport and appointments
- Pre-treatment physician consultation
- Customized treatment plan
- Post-operative monitoring & follow-up protocol



EXTRACELLULAR VESICLES

(also known as exosomes)

In order to tell other parts of the body how to react, cells must be able to communicate. For many years, scientists have known that cells do this through chemical secretion, which releases a message to other cells. It wasn't until recently, however, that researchers discovered the ability to deliver these messages through extracellular vesicles. Tiny vesicles are assembled inside the cell before being released through the membrane. These are known as exosomes, and they carry sophisticated RNA. Recent studies show that exosomes play a critical role in inter-cellular communication to other parts of the body through the circulatory system.

They carry many chemicals, including microRNA that can enhance the therapeutic effects of mesenchymal stem cells (MSCs). Exosomes formed by specific cells can perform multiple functions, including exerting positive effects on tissue regeneration and guiding your body's cells to the damaged areas. Some researchers have stated that Exosomes act like a beacon for the stem cells and other healing cells in your body.

They direct cells to the affected regions, aiding in their concentration on the tissue in need.



EXTRACELLULAR VESICLE THERAPY

(also known as exosomes)

MSCs can secrete a higher number of extracellular vesicles, also known as exosomes, than other types of cells. Unlike their parent cells, the exosomes are smaller, less complex. They are easier to produce and store, giving them the ability to pass the blood-brain barrier and in greater numbers. Through a growing number of research studies, exosomes show promise in delivering biological molecules and proteins to targeted damaged areas of the body. In Regenerative Medicine, exosomes are administered in conjunction with MSCs. Exosomes alone do not repair/regenerate but are the messengers that direct and tell the MSCs where to go and repair and regenerate.

Exosome studies continue to be performed in the field of Regenerative Medicine to discover the full impact these powerful chemical messengers will have on medicine today. However, based on the sheer volume of exosome research currently being conducted, scientists believe exosomes could hold the answers to some of our most pressing medical questions and hold therapeutic potential for many degenerative conditions.



BENEFITS:

- Can easily bypass the blood-brain barrier due to their size
- Immediate and long-lasting potential benefits
- Enhances the therapeutic effects of MSCs
- Facilitates cell-to-cell communication in a target-specific manner throughout the body

EXTRA SERVICES OFFERED

Ask your Care Coordinator about any of these add on services below:

Ozone therapy – Medical treatment using ozone gas

HBOT therapy – Hyperbaric Oxygen Therapy

HRT therapy – Hormone Replacement Therapy

Weight Loss – Reducing body weight

Gut Health – Analyzing the microbiome and digestive function.

DNA/Genetic testing – Testing involves analyzing an individual's genetic material to provide insights into their ancestry, health risks, and potential genetic predispositions to certain diseases or conditions.

Vitamin infusions – Delivering essential nutrients directly into bloodstream.

Health Blueprint – Explore personalized health with cutting-edge testing methods.

Peptides – Short chains of amino acids that play various roles in the body.

Prolozone therapy – Regenerative injection technique that combines ozone therapy with prolotherapy to promote tissue repair and reduce pain.

