

The background of the entire page is a teal-colored photograph of a person's arm wearing a blue medical scrub top and a stethoscope. Overlaid on this are several semi-transparent white hexagons arranged in a honeycomb pattern. Each hexagon contains a black icon representing a different aspect of healthcare or medicine: a heart with an ECG line, two pills, kidneys, a first aid kit, a clipboard, a hospital building, a star of life, another heart with an ECG line, and another first aid kit. A hand is shown pointing its index finger towards one of the hexagons, which has a glowing blue circular light effect around it.

# info packet

## STEMEDIX

PERSONALIZED REGENERATIVE MEDICINE

601 7th Street South, Suite 565  
St. Petersburg, FL 33701

800-531-0831

## PERSONALIZED REGENERATIVE MEDICINE

800-531-0831



# ABOUT US

Stemedix, Inc. is headquartered in St. Petersburg, FL, and coordinates with multiple service facilities providing stem cell treatments throughout the United States and in Costa Rica. As one of the originating United States service providers, we know the importance of having a worry-free experience, so we make sure to additionally help with accommodations and transportation services

Located in the Bayfront  
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to those receiving stem cell treatment for degenerative conditions such as Multiple Sclerosis, COPD, Parkinson's, Alzheimer's, ALS, Rheumatoid Arthritis, as well as other treatments such as Hair Loss, Sports & Athletic Injury, and Age Management.

After experiencing how stem cell therapy helped a loved one struggling with Multiple Sclerosis regain their quality of life, Stemedix was founded with the determination to help offer this new regenerative alternative therapy to those around the world looking for the same quality of life from debilitating and degenerative conditions. With years of experience, our board-certified providers are not only active in the treatment of patients but are also pioneers in the stem cell research and medical biotech fields.

Since the launch of Stemedix, we have worked alongside top universities and stem cell scientists around the country to ensure we remain current in this growing and ever-changing field. The providers use only best in class technologies and therapeutic methods to treat our patient's conditions in order to help provide a better quality of life.

What makes the Stemedix difference is our Care Coordinators and Providers. Each patient is personally hand held through the process to understand what is to be expected and individually tailored a treatment plan around their condition with approved therapy by the assigned provider. Your wellness and convenience are our focus.



## Our Mission

To positively impact the quality of life of our patients by reducing the symptoms of their conditions by using the highest quality stem cell and regenerative therapy treatment methods.

### Highlights TO OUR SERVICES INCLUDE:

- ✓ Dedicated Care Coordinator & Doctor
- ✓ Hotel and Personal Car Service accommodations included
- ✓ Customized Treatment Plans
- ✓ Treatment Options: Adipose (fat), Umbilical Cord, Hyperbaric Oxygen, Bone Marrow, and Exosomes
- ✓ 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

The first step of your journey to a healthier lifestyle is to contact one of our professional Care Coordinators. By contacting them via phone, email or our website, they will be able to help answer questions you and your family may have about our stem cell treatment procedures and protocols for therapy. What makes the Stemedix difference are our Care Coordinators. Each patient is personally guided through the process to understand what is to be expected and what are the next steps.

2

The next step in our process is to determine a candidacy for therapy. This is done by completing a Medical History Form that provides your current symptoms, medical history, along with list of medications and/or supplements. It is important to be as detailed as possible so that our physician team can determine whether or not stem cell therapy would be safe and beneficial to your condition. They will also provide their recommendations for an optimal treatment plan.

3

Once you have completed the Medical History Form, the next step is to gather necessary blood work as part of the review process. We ask that you send a copy of your most recent blood work containing the CMP & CBC lab results, ideally taken within the last six (6) months. These are common blood tests that the physician managing your condition may have. Additional tests may be required depending on the treatment plan determined to ensure your safety and eligibility for certain methods of treatment.



## Your Journey to Wellness

4

Once your Medical History Form and initial medical records are received, your Care Coordinator will submit to the physician team to determine candidacy for treatment and customized recommendations. Stemedix provides access to stem cell therapy and our Board-Certified Providers want to focus mainly on your safety and best potential outcomes. They want to ensure there are no risks for treatment as well as advise if your condition is one that the treatment has the potential to reasonably impact.

5

Once approved for treatment, the final step is to reserve your stem cell treatment date. Once you have determined a treatment date that works best for you and your family, a deposit is requested to lock in that date. You will receive a Welcome Packet with details of your upcoming treatment plan details, itinerary overview, hotel details and accommodation options, as well as guidance on how to prepare for your upcoming treatment.

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Call a Care  
Coordinator  
Today

**800-531-0831**

.....





## The Stemedix Difference

When you choose Stemedix, you are choosing the stem cell center with experienced Board-Certified Providers whom customize your Regenerative Medicine treatment using the latest stem cell therapy options with the most advanced technology and methods. Although many factors make us different, below are just some of the benefits of using our clinics.





# The Stemedix Difference

## US BOARD-CERTIFIED PROVIDERS

All of our providers have passed board certifications in their specialties, which means that you will be treated by Board-Certified Medical Providers who meet the levels of excellence expected by our patients.

## CONCIERGE AND PATIENT COMFORT

Your Care Coordinator will assist you and your family throughout your journey. Along with our travel team, they will set up your ground transportation along with your choice of hotel. Any medical accommodations needed for your treatment stay can also be coordinated to the best availability possible.

## US STANDARDS FOR MEDICAL CARE

Stem cells are an emerging technology and finding those who are proficient in their handling can be challenging. Our staff consists of lab technicians who are fully certified in the processing of stem cells. This warrants the best possible outcome for your condition.

## TECHNOLOGICALLY ADVANCED EQUIPMENT

In the field of Regenerative Medicine, we rely on the highest quality equipment available to help promote the best outcomes. Stemedix providers

and their team perform treatments with the most technologically advanced, state-of-the-art, and up-to-date equipment for cell optimization. This includes a closed processing system which is designed and operated so that the cells are not exposed to the room environment.

## STEM CELL SOURCE OPTIONS

Every patient is different, in condition, progression and health. Stemedix provides treatment access to for Regenerative Medicine sources, Adipose (fat), Umbilical Cord Tissue Derived, Exosomes, and Bone Marrow. With a seven-year foot print in the industry of Regenerative Medicine we have successfully become a trusted source for patients and a strategic partner for some of the top biomedical manufacturers in the United States.

## BUSINESS ETHICS AND AUTHENTICITY

Stemedix has maintained their authenticity as an ethical and compassionate provider by focusing on patients' safety and positive end to end experience while following science in an effort to create optimal treatment outcomes. We stay ahead with active research and development of the industry's latest biomedical products and techniques as our business practice and focus are only on Regenerative Medicine.





# Orthopedic Stem Cell Therapy

## WHAT IS ORTHOPEDIC STEM CELL THERAPY?

Once candidacy is approved based on review of completed medical history form and all necessary bloodwork, MRIs and/or other imaging studies, you will be assigned to one of our US Board-Certified Providers. Our physicians specialize in regenerative stem cell treatment for many orthopedic related conditions. Depending on several aspects of a patient's current health and specific condition, our team of physicians will suggest which stem cell treatment options would be most optimal for potential positive outcomes. Your Care Coordinator will help guide you through any questions you may have about your treatment options.







# Orthopedic Stem Cell Therapy

## WHAT CAN I EXPECT?

Your Care Coordinator will help guide you through each step of our process to help make your experience worry free. Your treatment will take place over a 2-day, 1 night stay with hotel and car service accommodations reserved on your behalf. This includes a one-on-one consultation with the physician who will review the procedure and any questions you may have.

There are three stem cell sources that may be used for this procedure; adipose (fat), bone marrow aspirate or umbilical cord tissue derived stem cells. Bone marrow stem cell therapy uses hematopoietic stem cells that are found in the bone marrow aspirate of the hip. Adipose stem cell therapy provides the most abundant source of mesenchymal stem cells and are harvested from your own fat tissue. Umbilical cord tissue derived stem cell therapy offers a more aggressive approach where age and condition progression are considered factors. These cells are derived from the Wharton's Jelly of the umbilical cord and have the highest concentration of mesenchymal stem cells, up to 80%.

Treatments can be enhanced with adding exosomes to the treatment plan. Exosomes alone do not repair/regenerate alone but are the messengers that direct and tell the MSCs where to go and repair and regenerate.

The type of cell source is best determined and recommended by our physician staff based on patient's current condition, medical history, and blood work. The stem cells are then administered into target areas via an intra-articular injection. Post-operative care is minimal, and a follow up phone consultation is scheduled for the morning following your procedure.

## PACKAGE INCLUDES:

- 2 Day/ 1 Night stay at provided choice of hotel
- Care Coordinator assistance during your stay
- Private car service to and from airport and appointments
- Pre- & Post-treatment Physician Consultation
- Customized treatment plan



## TRIO Combination Therapy for Osteoarthritis

Regenerative Medicine is a new alternative option to help manage the symptoms of Osteoarthritis. These regenerative therapies help the body's natural healing process work faster and more effectively. Mesenchymal Stem Cells (MSCs) have the natural ability to regenerate tissue and potentially promote cartilage repair and regeneration. Our Trio Combination includes three sources to help treat Osteoarthritis, Joint Injuries, and other orthopedic conditions:



## TRIO Combination Therapy for Osteoarthritis

1

Umbilical Cord Tissue Wharton's Jelly Derived Mesenchymal Stem Cells (MSCs). This allograft contains not only MSCs, but important scaffolding proteins, growth factors, cytokines and other components to promote healing. MSCs have multiple differentiating abilities that can produce cells via osteogenesis (bone formation), adipogenesis (to aid in the formation of connective tissue) and chondrogenesis (cartilage formation). Cartilage defects can be treated and these MSCs can promote new cartilage formation.

2

A second allograft contains Hyaluronic Acid, peptides and growth factors. Compared to amniotic fluid, this product contains up to 50 times more hyaluronic fluid. Hyaluronic acid is often used alone in the treatment of OA and joint injuries and is often referred to as a "gel shot". Hyaluronic acid is an important component of synovial fluid that naturally occurs in the body and protects cartilage by lubricating and absorbing shock. With OA or a joint injury, hyaluronic acid decreases and aggravates damage to the joint cartilage. The introduction of hyaluronic acid helps in pain relief in OA and joint injuries.

3

The third component of our "trio" approach is PRP. After a patient's own blood is drawn, we separate the platelets from the blood. This platelet rich plasma (PRP) is injected in conjunction with the Wharton's jelly MSC's and Hyaluronic Acid-rich allograft. Immediately the PRP begins to release growth factors that promote natural in ligaments, tendons, joints and muscles.

### BENEFITS:

- Reduction or elimination of joint inflammation & swelling
- Reduction or elimination of joint pain & tenderness
- Regeneration of new cells, tissue, and cartilage
- Reduction or elimination of joint stiffness
- Increase in angiogenesis in joint(s)
- Reduction in the occurrence of grating sensations.





# Bone Marrow Stem Cell Therapy

## WHAT IS BONE MARROW STEM CELL THERAPY?

Located within our bones is a soft, spongy tissue called “bone marrow”. Found in the bone marrow aspirate of the hip are hundreds of thousands of newly created hematopoietic stem cells. These stem cells are active and capable of forming new cells in place of diseased or dying tissue as well as making new blood cells. They have the ability to mimic many different tissue types and can help in the battle against a number of degenerative and inflammatory conditions.

Depending on a patient’s current health, medical history, and condition specifics, a bone marrow stem cell transplant may be determined as the best method of therapy. Through a process of harvesting and reintroducing these powerful cells, our physician staff is able to help offer an aggressive approach to help treat of a wide variety of ailing conditions. By re-introducing healthy cells into the body through targeted methods, our physician staff offers relief through with this all-natural procedure.





# Bone Marrow Stem Cell Therapy

## WHAT CAN I EXPECT?

The process of extracting the cells begins with preparation of the extraction site. A special needle is inserted into the iliac crest of the hipbone and the collection of the cells begins. Once the cells are harvested, they are processed in an on-site laboratory where they are prepared.

Depending on the patient's current condition and review of imaging studies the cells are then administered using either intra-articular or intra-muscular injection to address the specific areas recommended by our physician staff.



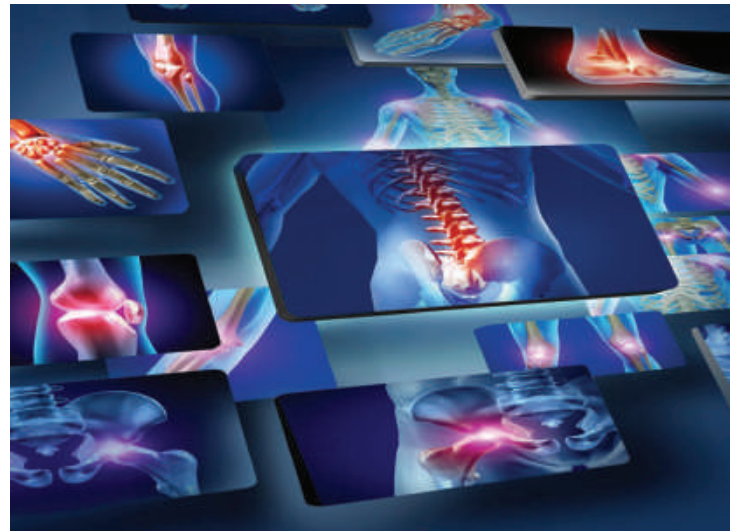


## Intra-articular Injection

For some who are battling inflammatory joint conditions, such as rheumatoid arthritis or osteoarthritis, the administration of stem cells back into the body needs to be tailored with a targeted approach to be most effective. Along with the widely utilized intravascular (IV) method of re-introduction, there are several ways that these powerful cells can be placed back in the body to reach specific areas of concern. When targeting inflamed joint tissues, the protocol uses an intra-articular injection.

Our providers have been performing intra-articular injections effectively at our facility for over 7 years, providing promising results to those battling a wide range of inflammatory joint conditions.

Mesenchymal Stem Cells are known to have the potential for articular cartilage, tendon and ligament regeneration. This technique is used widely to treat various joint related conditions. Under ultrasound guidance, this method allows the ability to get the harvested mesenchymal stem cells to the targeted joint areas.







## Intra-articular Injection

The intra-articular injection procedure begins with the Board-Certified Provider performing a comprehensive evaluation including review of all imaging studies. The administration technique targets directly into the joint, tendon or ligament. This relatively painless procedure is considered a minimally invasive, out-patient process and is completed in twenty to thirty minutes.

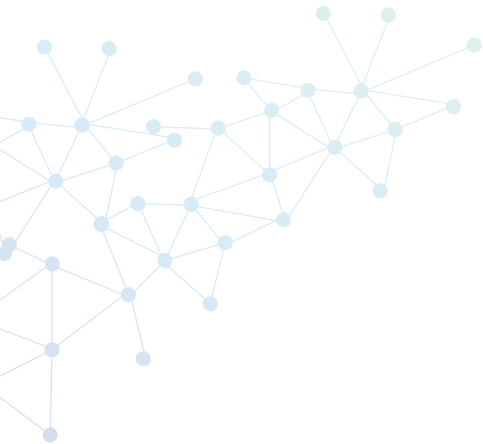
Post Op directive is to discourage from aggressive activity or exercise for two weeks but is encouraged to continue every day activities immediately. There is no post-operative care involved, however a follow up phone call will be made the day after your regenerative stem cell therapy for monitoring.



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### BENEFITS:

- Regenerative
  - Non-surgical
  - Out-patient procedure
  - Very minimal postoperative care necessary
  - Minimally invasive
- 





# Exosome Therapy

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 called 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 guide the cells to the damaged areas and help to focus on that specific tissue.



# Exosome Therapy

MSCs can secrete a higher number of 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 the 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.

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## 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
- 

