



Stem cell therapies for
degenerative diseases
and anti aging

THERAPIES

We offer a variety of therapies that focus on different diseases. The following is a list of diseases in which patients have reported better results:

IMMUNOLOGICAL DISEASES

- Rheumatoid Arthritis
- Systemic Lupus
- Fibromyalgia
- Psoriatic Arthritis
- Sjögren Syndrome
- Asthma
- Pulmonary Disease

METABOLIC DISEASES

- Diabetes Mellitus
- Cardiac Insufficiency
- Hepatic Insufficiency
- Renal Insufficiency

NEURODEGENERATIVE DISEASES

- Multiple Sclerosis
- Parkinson's Disease
- Alzheimer's Disease

OPHTHALMIC DISEASES

- Maculopathy
- Diabetic Retinopathy
- Retinitis Pigmentosa

WELLNESS

- Anti Aging/Healthy Aging
- Erectile Dysfunction

ORTHOPEDIC DISEASES

- Osteoarthritis
 - Knee
 - Shoulder
 - Ankle

Environmental factors in addition to internal factors like stress and bad habits are toxic components for the body, they age tissues prematurely. The effects of stem cell treatments are reflected as anti-aging with an improvement of the immunological, metabolic, and neurological systems.



INSTITUTION

Mission

Our mission is to provide the highest quality treatments to regenerate damaged tissues in an honest and professional environment. ProgenCell also innovates applications of cell therapies to improve the quality of life for patients with degenerative diseases.

Vision

We are a team of professionals and specialists with a service internationally recognized for its honesty, reliability, and effectiveness. We have world-wide associations to serve a greater number of patients through our accessible medical technology. We continuously research, develop, and perfect techniques and procedures to treat more patients.



OUR *values* AND COMMITMENTS

- Effectiveness and safety,
- High quality service.
- Honesty and professionalism.
- Safe and accessible logistics.
- Excellence in our medical and corporate integrity.



Dr. Luis Romero Guerra and Dr. Jorge Luis Gaviño

PROGENCELL follows an absolute-quality philosophy based on international standards for all procedures.

The medical team at ProgenCell and our associations with other medical institutions work together to improve our patients conditions.

Our medical staff, scientific committee and ethics committee are formed by the following specialists:

Co-founder and Medical Director	Dr. Luis Romero Guerra
Co-founder and Medical Director	Dr. Jorge Luis Gaviño Contreras
Internal Medicine	Dr. Miguel Angel Matildes Victorino
Orthopedics	Dr. Joaquín García Zeevaert
Ophthalmology	Dr. René Cervantes Castañeda
Anesthesiology	Dr. Ramón Carrizales
Urology	Dr. Juan Carrizales
Neurology	Dr. Hugo Navarrete



procedure

A personalized treatment is administered to each patient, in which one or more procedures are performed. One procedure every three to six months, is recommended depending on the patient's condition. The following is a general explanation of how the procedure is done; you will get more details before your treatment.

Evaluation

We review your case, your current condition, and your health history. After a complete evaluation, it is decided whether or not you are a candidate for Stem Cell Therapy. A multidisciplinary medical committee studies your case and honestly considers your improvement potential.

After fully evaluating your case, you will be given our professional opinion regarding the potential benefits and a quotation. We will answer any questions you may have and the requirements to get things started.

Planning

Along with the patient, we'll set the dates for procedure. It is usually programmed within the next 2 to 3 weeks, after evaluation . We will assign a patient manager who will be able to help you with administrative tasks, logistics, planning your stay, communication with the medical staff, etc.

Preparation

A procedure typically takes between 1 to 3 hours, depending on each individual patient. Upon arrival the patient will be physically evaluated by our doctor , who will answer any questions, review the medical records, as well as any recent lab work performed in the last weeks. Patient will be taken into an exam room, record vital signs, and then to the procedure room.

Procedure:

A

For autologous procedure: we will administer local anesthesia and extract a small amount of bone marrow. Once completed, the bone marrow is prepared by activating the stem cells in a closed system, and then infused intravenously.

B

For allogenic procedures: we will prepare mesenchymal stem cells in our in-site lab. Once the specimen is ready, it is infused intravenously.

In some cases the doctor will take a small amount of the stem cell concentrated solution to inject it directly in the related tissues to maximize regeneration. The procedure is performed in accordance with Good Manufacturing Practices. Likewise, all material used in the procedure is sterile and disposable.

If the patient believes that being in a surgery room is too much stress, the procedure can be done under deep sedation. Even that sedation has minor side effects sometimes, is more comfortable.

Post-procedure:

The patient will be taken to a recovery area where he/she will be constantly monitored for rare side effects. Usually, patients will be able to go home 30 min after the procedure takes place. In the next few days and weeks we will keep constant communication with the patient in order to keep track of progress and to assist along the way.



Patients are not required to replace their current physician or stop their current treatment.



FREQUENTLY ASKED QUESTIONS

What is stem cell therapy?

Stem cell therapy is the use of adult stem cells to treat certain diseases. Stem cells used at ProgenCell are usually derived from the patient's own bone marrow or MSCs derived from umbilical cord. In general terms, stem cells are progenitor cells that lead to the creation of new cells, following a regenerative process. That is why it is also known as regenerative medicine.

What is a mesenchymal stem cell?

Mesenchymal stem cells (MSCs) are primitive adult cells that have the ability to self-renew and also can differentiate into other types of cells within the body, including: Bone cells, Cartilage, Muscle cells, Neural cells, Skin cells, and organ cells. They also have the ability to avoid a negative response from the immune system, therefore these cells can be transplanted to another body without fear of rejection. These transplants increase the body's natural regeneration process and have anti-inflammatory and immunosuppressive responses. MSCs can be isolated from a variety of tissues, such as umbilical cord tissue (Wharton's Jelly), placental tissue, bone marrow and adipose tissue.

What are bone marrow stem cells?

Bone marrow is a specific tissue found inside bones. Its main purpose is to produce stem cells and other blood components. Each stem cell can further form millions of stem cells due to their regenerative property and they can transform into different type of cells in the body. When the stem cells evolve into fully functional cells, they are released into the blood, and can go directly to the tissue where they will engraft. A smaller number of undifferentiated stem cells are also found in the bloodstream.

Can other treatments be taken at the same time?

Yes. There are not any known contraindications for other therapies to be taken during stem cell treatment. Our doctors will review your specific case and evaluate other treatments and medication the patient is taking to make the proper exceptions or considerations.

Are there any known side effects to the therapy?

The side effects reported by patients are very mild: some patients may experience a small discomfort in the aspiration/injection site 2 to 4 days after the procedure. These effects are very brief and tolerable.

Is a special diet required?

Typically no. Our doctor will review the patient's condition and make recommendations if needed. Depending on the case, a balanced diet and light exercise will be recommended.

Does drinking or smoking affect the therapy?

Alcohol consumption and smoking can both be detrimental to new progenitor stem cells. It is highly advisable that patients do not smoke or drink 2 weeks prior to and after treatment. We recommend suspending all harmful habits permanently.

Is there a risk of developing Cancer?

No, there is not. This is a justified concern if a therapy involves embryonic stem cells because embryonic stem cells actually do multiply at an extremely fast rate, and have been shown to have cancer-causing potential in animals and humans. However, therapy with autologous bone marrow stem cells or good quality mesenchymal cells have no risk of developing cancer.

Where is the treatment performed?

All treatments are performed in our clinic at ProgenCell. We are located in the 28th floor of the medical complex NewCity Medical Plaza in Tijuana, Mexico, one minute away from the USA-MEXICO border.

How much does it cost?

The price varies depending on the stem cell source and the number of injections needed for specific damaged tissue repair. Procedures price range between \$1,900 and \$10,000 usd (*). A complete treatment usually consists on more than one procedure. When reviewing your case you will be informed of the exact cost and number of procedures suggested. We do not have any hidden fees. No surprises for additional charges .

(*)Does not include additional studies such as X-Rays, lab work, ultrasounds, etc. and travel expenses such as airfare, meals or hotels. Ask for our all included programs. We will be happy to help you plan your trip.

How soon can I get an appointment?

Usually appointments for consultation are available within 10 days, while procedure appointments are available within 3 weeks.

What language do they speak at ProgenCell?

Spanish and English are spoken by our staff. If another language is needed, we will arrange for a professional translation service.





NEXT *step*

In order to be treated at ProgenCell, first we need to evaluate your case.

We advise you to put together a small file with your clinical history, fill out our online medical evaluation form and contact us at info@progenccell.com or by phone at + (888)443.6235. After your case gets evaluated you will be contacted in the following 24 to 72 hours with your particular evaluation results. A quotation is provided, as well as a phone call with a Doctor to answer any question you may have.

We recommend to start treatment sooner rather than later, because stem cells provide better results in early stages of most medical conditions.





ProgenCell offers high quality therapies using stem cells to improve your health. Stem cells create the appropriate environment in the body, resulting in a regenerative therapy.

Patients with certain degenerative diseases have an opportunity to improve their health and their medical conditions by regenerating tissues and organs causing the ailments. Since we use autologous stem cell and allogenic mesenchymal stem cells, these therapies have minimal secondary effects.

Since ProgenCell was founded in 2008, years of experience and thousands of procedures have been performed to treat various conditions showing substantial improvements in our patients, even where other treatments have failed.



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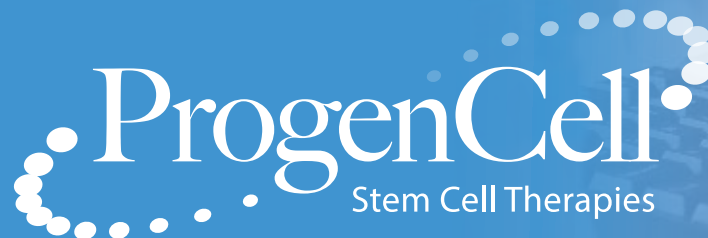
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