INFORMATION BROCHURE

Stem Cell Therapy.

The Stem Cell Therapy protocol consists of an autologous bone marrow-derived total nucleated cell (Stem and Mesenchymal cells) intrathecal and intravenous injection after stimulation with granulocyte colony-stimulating factor (filgrastim).

Your treatment with us.

You will receive world-class medical attention with an innovative method recognized internationally on an outpatient basis, at the University Hospital in Monterrey. Plus, lodging and ground transportation are included to enhance comfort during your experience.

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<th>THE STEM CELL THERAPY</th>
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<td><strong>DAY 1</strong></td>
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<td>PRE-TESTING AND STEM CELL MOBILIZATION</td>
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1. Blood work, medical consultation, medical history, first mobilization of stem cells by filgrastim injection.

2. Filgrastim injection.

3. Filgrastim injection.

4. Stem cell harvest, stem cell transplant and medical observation.

5. Doctor consultation at the apartment and follow-up medication in case of side-effects.*

6. Doctor consultation if necessary.

7. At this point patient can go back home.

*The side effects might be, nausea, vomiting, dizziness and fever which are controlled with medication.
Leaders in Stem cell Therapy.

Our medical team leader, Dr. Consuelo Mancías-Guerra, is one of Mexico’s premier professionals specializing in Pediatrics and Clinical Hematology and has published several articles in Mexican and international journals. She is the first author of the study *Safety and tolerability of intrathecal delivery of autologous bone marrow nucleated cells in children with cerebral palsy*. With a high rate of success and improvement in many patients, she has performed this therapy in more than 500 patients from countries such as USA, England, Italy, Canada, Spain, Argentina, Colombia, and other parts of the world. In addition, we have a team of professional experts who provide personalized attention making your visit an experience that hopefully will change the lives of patients and their families.

Dr. David Gomez-Almaguer is the director of the Hematology service at the University Hospital and has published over 200 articles in Mexican and international journals, many in the field of HSCT as well as several chapters in books. He has received several awards in recognition for his work as a researcher and on February 2017, he was recognized with CIBMTR Distinguished Service Award, for his work in the field of stem cell transplantation.

University Hospital.

The therapy is performed at the Hematology service in the University Hospital. We have performed more than 1,000 stem cell transplants and therapies for many diseases. We have state of the art facilities, with our own ambulatory and short-stay surgery rooms with avant-garde technology and highly qualified personnel, which offers the greatest patient safety in Monterrey metropolitan area.

We are the only FACT accredited center in LATAM.

David Gómez Almaguer, MD
Program Director
Universidad Autónoma de Nuevo León, Servicio de Hematología Hospital Universitario
Madero y Gonzalitos S/N. Colonia Mitras Centro
Monterrey, Nuevo León, C. P. 64460
México

The Foundation for the Accreditation of Cellular Therapy (FACT) is pleased to award accreditation to Universidad Autónoma de Nuevo León, Servicio de Hematología Hospital Universitario. The accreditation for your organization is effective for three years beginning September 6, 2016. This accreditation applies to all services and facilities that were inspected by FACT, specifically adult and pediatric allogeneic and autologous hematopoietic progenitor cell transplantation, peripheral blood cellular therapy product collection and cellular therapy product processing with minimal manipulation.
INCLUSION/EXCLUSION CRITERIA.

Patients with a confirmed positive diagnosis of the following neurological disorders are eligible for Intrathecal Autologous Stem Cell Therapy:

Hypoxic/Ischemic Brain Injury (Cerebral Palsy)

- Patients from 2 months of age may be considered for treatment based upon individual health status.

- Patients diagnosed with microcephaly associated with in utero infection are also candidates for this therapy.

- Patients must not have contraindicating health factors as determined by the clinic physician and must be deemed suitably healthy to safely tolerate the treatment (e.g. an active infectious disease of any type).

- Cases were the patient have a ventriculoperitoneal (VP) shunt will personally be evaluated by Dr. Consuelo Mancias (in some cases we can use an intravenous infusion of stem cells instead of intrathecal).

- Having a genetic disorder (e.g. down syndrome) could be considered as exclusion criteria.

- The well-being of our patients is our main priority if a medical condition appears in the preliminary evaluations performed by our specialists it would impede the patient from receiving the transplant, in that case, the patient will receive a refund. The only charges that will apply will be the ones consumed up to that point, such as, transportation, partial lodging, and the evaluations performed.

- Patients must be able to travel and remain in Monterrey, Mexico, accompanied by a caregiver for 7 days (10 days for patients traveling from overseas).

A VISIBLE IMPROVEMENT.

The stem cell therapy gives patients with cerebral palsy a notable improvement in most cases. You can expect to see progress in the patient’s muscle strength and spasticity, as well as cognitive, concentration and focus with a possibility of a decrease in seizures.
Lodging.

Our luxury apartments are located minutes away from the hospital with amenities and adaptations for complete tranquility and comfort during your stay. Each apartment has 24/7 guard gated security, fully furnished with two bedrooms, two bathrooms, dining room, kitchen, high-speed Wi-Fi & smart TV, and an amazing view of the city. In addition, we provide you with a local mobile phone so you can be in touch 24/7 with our administrative and medical team.

24/7 concierge service  Supermarket gift card US 150 worth.  English-speaking driver at your disposal once you arrive at the airport.  Cleaning service during all treatment.  Guided visits to points of interest.

The city.

Monterrey is a city of industry and commerce surrounded by incredible mountains, it has two international airports, different tourist points, and high-quality restaurants. Our staff is responsible for arranging recreational tours and sightseeing during your stay in the treatment.

Contact

For further questions or request, please contact Hematology Outpatient Services staff:

• Mario Romero: (+52) 1 812.150.1919  mario.romero@stemcell-host.com

www.stemcell-host.com/treatments/treatment-cerebral-palsy/