

Stem Cell Therapy for Cerebral Palsy (CP)



STEM CELL™
INTERNATIONAL

R3 Stem Cell International R3Stem.com +1 (888) 988-0515
Changing Lives Every Day!

Overview of Cerebral Palsy (CP)

Cerebral palsy (CP) is a group of disorders that affect a person's ability to move and maintain

balance and posture. CP is the most common motor disability in childhood. CP is caused by





abnormal development of the brain or damage to the developing brain that affects a child's ability to control his or her muscles.

Globally, over 17 million individuals have CP, and 1 in 500 babies are diagnosed with CP. One in two people with CP live with chronic pain, and one in three cannot walk. There are several different types of CP, including spastic, dyskinetic, ataxic or mixed.

Traditional treatments include medications to help with symptoms such as anti-seizure and anti-spasm medications, along with surgeries to release contractures and increase flexibility.

Stem Cell Therapy for ASD

Stem Cell treatment for CP is the FIRST option that has actually shown significant improvements in patients, rather than just relieving symptoms.

A randomized study in 2018 looked at 54 patients receiving 200 million umbilical cord stem cells. The results of the study indicated that hUCB-

MSC infusion with basic rehabilitation was safe and effective in improving gross motor and comprehensive functions in children with CP (Cell Transplantation 2018).

A 2016 review paper looked at several studies on stem cell therapy for CP. The overall results indicated a statistically significant intervention effect from stem cells on gross motor skills. None of the studies had any significant adverse events (Stem Cells Translational Medicine 2016).

R3 International offers safe and effective stem cell therapy for Cerebral Palsy with biologics that have first rate quality assurance, high cell counts, and providers experienced in the treatments. While not a cure for CP, stem cell and exosome therapy are safe, outpatient and have shown excellent results in the vast majority of patients!

Frequently Asked Questions

A group of diverse children, including a young girl with curly hair, a boy with a wide smile, and a girl with a grey beanie, are looking up at the camera with joyful expressions. The background is bright and slightly blurred, emphasizing the children's faces.

Q What Kind of Stem Cells are used and how many?

R3 does NOT use embryonic stem cells (ESCs) or induced pluripotent stem cells (iPSCs) for treatments, as they are not ready for clinical use due to potential risks. R3 International uses biologics that contain mesenchymal and hematopoietic stem cells. Not only are they safe for patients, they are also effective for many conditions.

Umbilical Cord Stem Cells – Umbilical cord (UC) tissue is an amazing source of active, potent mesenchymal stem cells along with many other regenerative elements. R3 International offers UC treatments from 5 million stem cells up to a BILLION stem cells! They come from donor tissue after a scheduled c-section with no harm to baby or mother, and



are processed at accredited labs that are cGMP compliant and ISO certified.

Exosomes – These are small extracellular vesicles that are by products of umbilical cord stem cells. Active in cell to cell communication, they facilitate repair and regeneration. R3 incorporates exosomes frequently into patient treatments.

Autologous Adipose – Some R3 International Centers offer stem cell therapy using a patient's own adipose (fat) tissue. Adipose tissue contains plentiful stem cells, exosomes, growth factors, secretomes and other regenerative elements. This is typically performed in conjunction with umbilical cord stem cell treatment.

Q Are there risks involved?

Stem cell and exosome procedures at R3 International are very safe. To date, no patients have experienced a significant adverse event such as disease transmission, deep infection, or rejection reaction. The vast majority of side effects have been mild and temporary.

However, any regenerative procedure with donor material entails risks which may include infection, rejection, allergic reaction, nausea, dizziness, fever, bleeding and others.

Q What are the outcomes?

After nine years and 16,000 stem cell procedures worldwide, R3 consistently achieves an 85% overall success rate. This includes patients with very difficult conditions.

Patients need to understand that stem cell therapy is not a cure for a condition, rather, typically very effective at modifying and/or mitigating disease. It may need to be repeated as well, as patients are different in their response.

Safe, Effective Treatment with R3 Stem Cell International

R3 Stem Cell International takes great pride in helping patients with safe, effective regenerative therapies that are nonsurgical and drug-free. Treatment protocols are customized to each patient's specific needs, with an unparalleled combination of excellent outcomes, safety and cost effectiveness.

R3 leverages its global volume to make its first rate stem cell treatments the most cost effective anywhere in the world, while maintaining quality assurance second to none!



Partial List of Conditions Treated at R3 Stem Cell International



- Alzheimer's Disease
- Amyotrophic Lateral Sclerosis (ALS)
- Ankylosing Spondylitis
- Anti Aging
- Arthritis & Joint Pain
- Autism
- Back Pain
- Cerebral Palsy
- Chronic Kidney Disease
- Cirrhosis
- COPD
- Crohn's Disease
- Degenerative Disc Disease
- Diabetes
- Erectile Dysfunction
- Failed Back Surgery
- Fibromyalgia
- Heart Failure
- Hepatitis
- Inflammatory Bowel Disease
- Kidney Failure
- Liver Failure
- Lung Disease
- Lupus
- Lyme Disease
- Neuropathy
- Multiple Sclerosis
- Muscular Dystrophy
- Osteoarthritis
- Parkinson's Disease
- Post Concussion Syndrome
- Post Covid
- Psoriasis
- Pulmonary Fibrosis
- Rheumatoid Arthritis
- Scleroderma
- Spinal Cord Injury
- Spinal Muscular Atrophy
- Stroke
- Traumatic Brain Injury
- Ulcerative Colitis

Getting Started



Starting the process for treatment at R3 Stem Cell International is easy. You can visit **R3Stem.com** to see the various locations available and complete your consultation request, or also call us at

+1 (888) 988-0515

Each prospective patient undergoes a virtual consultation with one of our highly experienced stem cell doctors. Very convenient!

Find out today if you or a loved one is a candidate for life changing stem cell therapy.



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