

# Stem Cell Therapy for Anti Aging and Overall Wellness



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

# Overview of Anti Aging and Overall Wellness

From a health perspective, aging is typically not a fun process. Chronic diseases often become noticeable for individuals such as joint arthritis, organ failure, autoimmune diseases, COPD, diabetes, dementia, and cancer. The mechanisms underlying age-related disease onset are heterogeneous and include a generalized decrease in tissue regenerative responses

Is there anything that ties chronic diseases together in a common thread? Yes!

Chronic inflammation is what they have in common! Scientists refer to this chronic, low grade inflammation as “inflammaging” and over time leads to a lot of the disease entities we typically think of with aging. Why does the

chronic inflammation occur? We don't have all the answers, but we do know that the common human diet leads to part of the problem.

In addition, a lot of the toxins that humans ingest such as alcohol, cigarette smoke, various drugs, can all be a factor too.

The inflammation leads to tissue degeneration and increased potential for a series of diseases. The inflammation then leads to the abnormal activation of the immune system and production of cytokines that are often seen in elderly patients with cardiovascular diseases, RA, diabetes, cancer, MS and cognitive decline.

Unfortunately, as one ages the ability of intrinsic stem cells to combat chronic inflammation is hampered. This is because stem





cells age with the person, and all too often become dysfunctional.

## **Stem Cell Therapy for Anti Aging and Overall Wellness**

Over the past decade, several studies have shown that stem cells and exosomes have been very successful in reducing the chronic inflammation that occurs as one ages. In addition, the regenerative biologics have been helpful at mitigating certain disease processes that are building up in a person, but remain sub-clinical.

An example would be Stage 3 kidney failure, where damage is occurring but the person doesn't have any symptoms yet. Another example would be damage to one's eyes as a complication of diabetes, but vision is not being affected yet.

Multiple studies have shown reductions in inflammatory markers when stem cells are administered. When umbilical stem cell therapy is performed, the stem cells, exosomes, cytokines and growth factors are very young and active. This is in contrast to

the aged system of the recipient, whose stem cells are often as old as the patient!

The result can be what has been termed a "Fountain of Youth" treatment. The extremely young and active regenerative cells are able to significantly reduce the body's inflammation, along with facilitating one's body to more actively participate in tissue repair and regeneration that has been damaged during the aging process.

For years, R3 Stem Cell International has been successfully treating patients with anti-aging therapy. Umbilical cord stem cell therapy includes tissue from the Wharton's Jelly area, which has very active MSC's and growth factors along with billions of exosomes. Over 30 million stem cells are administered, and as much as 100 million cells depending on the person's overall health conditions and weight.

### **References**

Cell Stem Cell 2017  
Cell Developmental Biology 2016  
Biochemistry and Molecular Biology Reports 2020

# Frequently Asked Questions

A group of five diverse elderly people, including men and women of various ethnicities, are smiling and laughing together outdoors. They are dressed in casual, colorful clothing. The background is a soft-focus natural setting.

## **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.

Most stem cell clinics do not understand that high cell counts are critical to patient success. If they do, then the treatment pricing ends up being 2-3 times higher than R3 because of the biologic cost. They simply do not have the volume to produce quality biologics with high cell counts at affordable pricing. R3 has spent the last decade growing its patient base worldwide to develop the buying power so that the best biologics are offered with considerable savings. Our mission has always been to offer the most

effective stem cell and exosome therapies without having finances get in the way.

By offering high cell counts at extremely competitive pricing, R3 provides patients with the absolute best chance of improvements, while doing its best to make the treatments affordable. 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!

We use best practice protocols developed from our own clinical experience as well as the peer reviewed literature to stay on the cutting edge of regenerative therapies. Rest assured that when you receive treatment with R3 Stem Cell International, you and your loved ones will be in the best hands!



# 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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