

MSC Therapy/ Stem Cell

At Regenerative Treatment Centers we have researched and invested in finding the highest quality and bio-available MSC derived therapies for our patients. We have built a foundation on research and results. WJ-PURE is a minimally manipulated DMSO free Wharton's Jelly allograft. WJ-PURE is rich in Medicinal Signaling Cells (MSC's), cytokines, growth factors, natural nanoparticles, and proteins which stimulate healing and repair the body.

Why do we use WJ-Pure

Just like every other cell in the body, your stem cells age as you do. This means as you age, your body's ability to repair, regenerate and heal damaged tissue decreases. Along with the decrease in effectiveness of the stem cells, the quantity of our own stem cells decreases rapidly as well age. Which means using your body's own cells is not an ideal optimal healing. An example is that if a toddler breaks a bone, it takes only about two weeks to heal, but an adult broken bone takes 6-8 weeks and full healing sometimes does not occur in older adults. Because our stem cells age as we do, RTC utilizes young, healthy Allogenic signaling cells to facilitate faster healing and repair. This gives the painful, damaged areas of your body new, young cells that can then repair, restore, and regenerate quickly and effectively, even in an aging body.

What can I expect during signaling cell therapy?

Most patients experience relief from their pain within one to two months of their treatment, with continued improvements over the next three to six months. Responses to the cell therapy can vary widely depending on a lot of factors. While some patients feel relief instantly, others take months to notice a meaningful effect and up to six months or even a year to achieve their goals.

THERAPEUTIC BENEFITS

Growth factors, Cytokines and Nucleic Acids are catalysts for whole-body health and regeneration. They can help alter inflammation, contribute to tissue and organ repair, support neural communication, enhance mitochondrial viability and participate in the transformation of aging cells.

WJ-Pure has been used by medical professionals for

- **Pain & Joint Management**
- **Immune System Modulation**
- **Tissue & Organ Repair**
- **Sexual Reinvigoration**
- **Aesthetics & Hair Restoration**
- **Wholistic Cellular Revitalization of Bodily Processes**

How It Works

WJ-Pure MSC's possess 200+ growth factors, specifically a higher amount of TGFβ3 growth factor expressions (the master anti-inflammatories) and extremely high levels of IL-10's (anti-inflammatory cytokines). Through the utilization of Growth Factors and Cytokines from a placental origin, there is a better regenerative solution for the patient. As we all know, a large component of all disease types correlate with high levels of unwanted inflammation and the youth of placental MSC's provides a new programming for aging cells.

Our proprietary protocols utilize MSCO3 and PRPO3 in our procedures, utilizing MSCs, PRP and Ozone bring advanced and accelerated healing and regeneration.

Targeted Paracrine Effect

The Paracrine Effect is a form of cell-to-cell communication in which a cell produces a signal to activate changes in nearby cells, altering the behavior of those cells. WJ-PURE facilitates to support and enhance the Paracrine Effect.

Contact us today to set up your consultation to see if this therapy is right for you.

Source of MSCs

At RTC we utilize MSC therapy that comes from bio-ethically donated birth tissue from healthy consenting mothers who have passed a comprehensive medical background check, blood screenings, and are full-term, live, C-section births in the United States. In addition, we only work with Vitti Labs, which is an FDA-registered Tissue Bank which means they implement and maintain FDA regulations as well as AATB standards, follow GMP guidelines, and only work with tissue procurement organizations within the United States that follow ACOG requirements giving validated sterility, and the highest quality procurement.