

Repair. Regenerate. Restore

What are Exosomes? Exosomes are extracellular vesicles, which is the medical term for tiny bubbles that are released from stem cells. Exosomes **carry genetic information and proteins to cells throughout your body**, and they create paths for communication between cells. They are considered the “Worker Bees” of stem cells and are the new wave in regenerative medicine.

Benefits of Exosome therapy

Isolating the therapeutic signals released by regenerative cells and using them rather than the cells themselves are the next generation as a therapy. The targeted cells will reach to these messaging signals and will change their behavior accordingly. There is tremendous therapeutic potential of extracellular vesicles and nanoparticles. Extracellular Vesicles are nanovesicles that contain protein and microRNA that can be transferred to other cells to support tissue repair and homeostasis.

Exosomes are powerful elements that can restore cells throughout your body. They enhance cell-to-cell communication, which is essential for overall cell health. Compared to adult stem cells, exosomes contain nearly three times the amount of growth factors. More growth factors mean a better ability to restore and revitalize target cells. There are over 400 billion cells in each single vial.

Exosome therapy is a highly targeted, flexible treatment for conditions like osteoarthritis, chronic pain, and musculoskeletal injuries. Genetic disorders, chronic and degenerative diseases, and the natural aging process can all inhibit your cells’ ability to communicate. Exosome therapy improves the communication channels between cells to stimulate healing. For example, osteoarthritis is an extremely common degenerative joint condition. Stem cell therapy can provide rejuvenating benefits, but results can be limited by external factors and your overall cell health. Exosome therapy supports healing by providing additional information from younger cells that your body needs.

DONOR SCREENING

Organicell™ Products are procured and processed in the United States according to standards and regulations established by the United States Food & Drug Administration (FDA). Donors are screened and qualified under FDA regulation 21CFR 1271. Donor ethics and non-reactive FDA approved serological screening includes but not limited to: Donor consent prior to collections; HCV (Hepatitis C Antibody); HBsAG (Hepatitis B Surface Antigen); HIV 1/11-Ab (HIV Nucleic Acid Test); HBcAb (Hepatitis B core Antibody); HCV Nat (HCV Nucleic Acid Test).

COMPONENTS OF AMNIOTIC FLUID

- Growth Factors
- Cytokines
- Chemokines
- Extracellular Vesicles
- Hyaluronic Acid (HA)

COMBINATION OF EV'S DELIVER THESE SIGNALS^{3,4,5}

- Anti-Apoptotic
- Anti-Fibrotic
- Pro-Angiogenic
- Pro-Differentiation
- Pro-Proliferation
- Immunomodulatory