RENEWING HOPE: NEORGANA'S APPROACH TO STROKE RECOVERY

At Neorgana, our therapies are built on a scientific breakthrough: Dezawa MUSE Cells™ and Dezawa MUSE Exosomes™.

Unlike conventional mesenchymal stem cells (MSCs), which primarily provide short-term antiinflammatory support, MUSE Cells™ (Multilineage-differentiating Stress-Enduring Cells) go much further. They are naturally occurring pluripotent stem cells capable of homing directly to sites of injury, integrating into damaged tissue, and transforming into functional cells such as neurons, glial cells, vascular cells, and more. This makes them uniquely suited for stroke recovery, where true structural repair is needed.

The superiority extends to Dezawa MUSE Exosomes™. While traditional exosomes often act as general messengers, MUSE Exosomes™ carry the same regenerative signals that make MUSE Cells™ exceptional. They are more effective in reducing neuroinflammation, protecting mitochondria, and activating the body's repair pathways — key processes in neurological recovery.

Equally important, MUSE Cells™ are non-tumorigenic, giving them an outstanding safety profile. This ensures that patients receive all the benefits of regeneration without the risks associated with other pluripotent stem cell types.

With these unique advantages, Neorgana combines IV and intranasal delivery of MUSE therapies, supported by precision peptides and bioregulators, to create the most advanced stroke recovery protocols available today.

A Multi-Layered Regenerative Protocol

- **Authentic Dezawa MUSE Cells™ (IV Infusion) –** circulate through the body, naturally homing to areas of vascular and neural injury, supporting regeneration of blood vessels, neurons, and brain tissue.
- **Intranasal Dezawa MUSE Cells™ –** bypass the blood–brain barrier through the nasal route, directly reaching regions of the brain to promote repair and functional recovery.
- **Dezawa MUSE Exosomes™ (IV + Intranasal) –** powerful messengers that calm inflammation, protect cells, and stimulate neural repair, accelerating recovery.
- **Peptide & Bioregulator Therapy –** designed to optimize recovery by supporting circulation, energy metabolism, and brain resilience.
- **NK Cell Therapy (Optional) –** in selected patients, NK Cells may be used beforehand to help clear "senescent" or non-functioning cells, creating a healthier environment for MUSE Cells to work more effectively.

How MUSE Cells Reach the Brain

Dezawa MUSE Cells™ have a natural ability to find and migrate to sites of injury. After a stroke, the brain releases biochemical signals that act like a "call for help," attracting MUSE Cells to the damaged area.
Unlike many other stem cells that may get trapped in organs such as the lungs or liver, MUSE Cells are uniquely capable of:

- Following the body's natural signals to reach injured brain tissue.
- Entering areas where the blood–brain barrier is temporarily more open after a stroke.
- Integrating into neural and vascular structures, where they can contribute to repair and support recovery.

This is why even IV infusion alone can bring benefits after stroke. When combined with intranasal delivery, patients receive both systemic repair (IV) and direct brain support (intranasal), creating the most complete recovery strategy.

Benefits for Stroke Patients

Patients receiving Neorgana's stroke protocol may experience:

- Reduction of post-stroke inflammation
- Improved memory, cognition, and focus
- Restoration of motor function and coordination
- Faster recovery and improved neuroplasticity
- Greater emotional balance and resilience
- Long-term support for brain and vascular health

The Neorgana Difference

- **Authenticity:** We exclusively use authentic Dezawa MUSE Cells™ and MUSE Exosomes™, licensed and certified by MCI, the global intellectual property (IP) holder of this technology.
- **Precision of Delivery:** Our IV and intranasal combination ensures both body-wide and direct brain support.
- **Purity:** All peptides and bioregulators are pharmaceutical-grade, third-party tested, and clinically certified.
- **Integration:** Optional NK Cell Therapy can further optimize results by preparing the body for regeneration.
- **Exclusivity:** Neorgana delivers therapies with uncompromising standards of safety, science, and refinement.

A New Chapter After Stroke

A stroke may alter the path of life, but it does not have to define it. Neorgana's regenerative therapies work at the source—repairing tissue, restoring function, and reigniting the brain's capacity to heal.

“At Neorgana, youth is not remembered—it is restored.”