RECOVERY
Working to Heal the Skin

Recovery uses a non-perturbative, homeostatic stem cell technology called S²RM®. Stem cells are known to secrete over 500 different types of proteins. At least 191 protein types are known to be unique to stem cells. Stem cells also secrete microRNA which, including proteins, are packaged in nanoparticles called exosomes. This protects and enables the perfusion and targeting of the molecules into various skin cells. These molecules are responsible for 80% or more of the healing power in the skin.

Using topical application of Recovery provides a full complement of proteins and RNA that can penetrate the barrier function and return a natural homeostatic state to the epidermis, dermis, and hypodermis. This also includes the basement membrane between the dermis and epidermis. Recovery is able to overcome the reduction in stem cell function that occurs as a result of aging, and provides the necessary molecules needed when stem cell function is overwhelmed by traumatic insult to the skin.

NeoGenesis is in the business of providing skin and hair products that enhance people’s lives. With a core emphasis on serving oncology patients, our products are completely safe, yet highly effective for everyone.

NeoGenesis skin and hair care products return to the adult those nutrients once created in abundance during our youth, but that have diminished with aging. We deliver those nutrients in a way that works with and mimics your body’s natural processes.

Learn more about our innovative line of skincare, hair and lash/brow products through your sales professional or visit the NeoGenesis website: neogenesis.com.

S²RM®
S²RM® is a patented exosome-based delivery system using the most advanced science. Explore the science behind this next generation of stem cell technology: neogenesis.com/science.

COMMUNITY
We invite you to join our expanding network of communities that will focus on serving the oncology patient and their families. Four out of ten people in the U.S. have cancer. There is much we can do to reduce the pain and improve the quality of life for those going through treatments. Join our network of people that care about people through our website: neogenesis.com/community.

Science Never Looked So Good™

Recovery Serum
Faster Healing for Traumatized Skin

Ingredients:
Human Fibroblast Conditioned Media, Human Stem Cell Conditioned Media, Hydroxyethylcellulose, Deionized Water, Dehydroacetic Acid and Benzyl Alcohol.

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**Recovery** is a new topical wound healing and scar reduction product based on a new methodology for therapeutic development called “system therapeutics” (Maguire, 2014). Multiple protein types and other molecules, including RNA, from different stem cell types are used in our formulation.

In the post-genomic era, studies suggest that over 1,000,000 protein types and 100,000 RNA types are made in the human body. Yet, there are only about 20,000 protein coding genes. Much of the DNA genetic template is for the production of non-coding RNA (ncRNA). These ncRNA, through state dependent regulation by the environment, provide much of the epigenetic driven phenotypes of our body (Maguire, 2016). For example, large numbers of ncRNA have been shown to be involved in translation by regulating ribosomal RNA (rRNA) within the ribosome. This means that the ever changing human phenotype, including the diseased and/or healing phenotype, will be highly regulated by both proteins and RNA.

To regularize the phenotype, i.e. restore homeostasis at the molecular level and heal the skin, the methodology of “systems therapeutics” provides the skin with its full complement of proteins and ncRNA. This will subsequently restore homeostasis at the cellular and tissue levels (Maguire and Friedman, 2015). The S²RM® technology used in Recovery is a non-perturbative methodology that regularizes the protein and ncRNA content of the skin. The non-perturbing molecules in the skin needed for molecular, cellular, and tissue homeostasis are supplied by topical application of Recovery.

Efficacy through topical application is supported by a normally occurring nanotechnology (60-120 nm nanospheres) called exosomes. These exosomes are produced by the stem cells to protect the S²RM® and deliver them through the tissue to surrounding target cells (Maguire et al, 2013; Maguire, 2016b).

**THE SCIENCE OF S²RM® TECHNOLOGY**

**RECOVERY:**
- Hastens and augments the natural healing process of skin
- Helps to reduce pain and inflammation
- Diminishes post-procedure redness of skin
- Impedes scar formation
- Reduces post-procedure downtime
- Improves the efficacy of surgical and laser procedures
- Helps heal difficult conditions such as eczema, psoriasis, acne, and rosacea
- Reduces pore size

**THE SCIENCE OF S²RM® TECHNOLOGY**

**RECOVERY**

For Traumatized Skin

**APPROPRIATE FOR:** All skin types

**PURPOSE:** Promote faster recovery, reduce the irritation of skin, and diminish the appearance of scars.

**RESULTS:** Softens and minimizes the appearance of redness, and of scars.

**WHEN TO APPLY:** Apply immediately after a procedure or trauma to the skin. Continue applying twice daily, morning and evening. Use of the product should continue until the scar appears flat and white without redness, or the irritated skin appears less red and inflamed.

For skin conditions with irritation, apply twice daily until the condition mitigates.

**WHERE TO APPLY:** Directly to scars, smaller incisions, area of procedure, everyday cuts, or to an area of irritated skin.

**WARNING:** For external use only.

**Wound Repair**

**FRAXEL LASER BURN**

Topical application of Recovery is used to reduce irritation and speed the healing process of radiation, chemo and laser burns, as well as post surgery scar tissue. Recovery serves as part of a post treatment protocol for age management procedures like fraxel laser, microdermabrasion, micro and nano-needling, and acid peels. These procedures often result in initial inflammation, redness, and pain that can be quickly quelled with the simple topical application of Recovery following the procedure. In addition, superficial wounds caused by accidents, bed sores, diabetic ulcers, and shingles will benefit from the use of Recovery.

**Faster Healing, Less Irritation**

**For Traumatized Skin**

**APPLICATIONS**

- Promote faster recovery
- Reduce the irritation of skin
- Diminish the appearance of scars

**EFFECTIVENESS**

- Softens and minimizes the appearance of redness
- Reduces scar formation

**WHEN TO APPLY**

- Immediately after a procedure or trauma to the skin
- Continue applying twice daily, morning and evening
- Use of the product should continue until the scar appears flat and white without redness, or the irritated skin appears less red and inflamed.

**WHERE TO APPLY**

- Directly to scars
- Smaller incisions
- Area of procedure
- Everyday cuts
- An area of irritated skin

**WARNING**

- For external use only

**RESULTS**

- Softens and minimizes the appearance of redness
- Reduces scar formation

**PHOTOS**

Photos have not been altered in any way. Results may vary.