

## USE OF EXOSOMES DERIVED FROM MESENCHYMAL STROMAL CELLS IN THE TREATMENT OF **SKIN WOUNDS**

The skin is exposed to various types of damage and injuries, acute and chronic, for example: ulcers, burns and trauma.

- Mesenchymal Stromal Cells (MSC) have demonstrated their ability to accelerate tissue regeneration through different mechanisms, such as decreased inflammation, formation of new blood vessels, and prevention of cell death
- Exosomes are small spherical particles released by MSCs. These particles contain and transport, inside, multiple bioactive compounds that stimulate cell repair and tissue regeneration, promoting repair and proper wound healing.

VEGF-A, FGF-2, HGF, PDGF T and miR-223 are important regenerative factors found in exosomes.

If you suffer from skin wounds, ulcers, burns or trauma,  
at Red Exocel we can help you.

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