

USE OF EXOSOMES

DERIVED FROM MESENCHYMAL STROMAL CELLS IN THE TREATMENT OF **DIABETIC ULCER**

Diabetic ulcers are one of the main complications of diabetes. Imbalanced blood glucose levels often create a cellular environment that hinders wound healing, resulting in chronic ulceration.

- Mesenchymal stromal cells (MSC) are a type of stem cell that have shown powerful regulatory effects of the immune system, anti-inflammatory and tissue regenerative.
- MSCs have shown important therapeutic effects against diabetic foot ulcers through the release of therapeutic compounds contained within particles called exosomes.
- Epithelial growth factor (EGF) has demonstrated its ability to contribute to diabetic ulcer repair through tissue regeneration.

If you suffer from diabetic ulcer or were diagnosed with diabetes at Red Exocel we can help you.

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