



## USE OF EXOSOMES DERIVED FROM MESENCHYMAL STROMAL CELLS IN THE TREATMENT OF MENOPAUSE

Menopause is a stage in a woman's life characterized by the permanent loss of menstruation. It occurs when the ovaries stop producing the hormones estrogen and progesterone.

- Mesenchymal Stromal Cells (MSC) have demonstrated their ability to restore the structure and function of damaged tissue in the ovary. Scientific evidence indicates that this is possible because MSCs have the ability to release bioactive factors contained within particles called exosomes.
- Exosomes function as carriers that deliver a variety of components to cells that induce tissue regeneration, through the formation of new blood vessels and the reduction of cell death.
- VEGF, IGF-1, HGF, PGE-2, IL-10 are important MSC-derived factors with the ability to reduce menopausal symptoms.

If you have been diagnosed with menopause  
at Red Exocel we can help you.

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