



USE OF EXOSOMES DERIVED FROM MESENCHYMAL STROMAL CELLS IN REGENERATION OF CARTILAGE

Cartilage injuries are commonly caused by trauma, chronic wear and autoimmune disorders, causing pain and limited movement.

- Mesenchymal Stromal Cells (MSC) have demonstrated their effectiveness in cartilage repair, as they have the ability to release multiple bioactive compounds with anti-inflammatory and regenerative effects.
- These compounds are released contained within exosomes which reach the damaged cells to contribute to the recovery of the injury.
- FGF, IGF and IL-6 are exosomal components that have demonstrated their ability to stimulate cartilage-producing cells (chondrocytes) for repair

If you suffer from cartilage injuries and you want to regenerate it,
at Red Exocel we can help you.

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