



USE OF EXOSOMES

DERIVED FROM MESENCHYMAL
STROMAL CELLS IN THE TREATMENT OF
HEART FAILURE



Heart failure is a chronic disease in which the heart does not pump enough blood throughout the body, causing symptoms of fatigue, shortness of breath, and rapid heartbeat.

- Mesenchymal Stromal Cells (MSC) have important therapeutic properties, among which are their ability to treat heart failure and relieve its symptoms.
 - These therapeutic effects are possible due to the ability of MSCs to release bioactive compounds contained within exosomes.
 - Growth factors and regulatory microRNAs that carry a message of restoration to damaged cells.
- VEGF, FGF and HGF are important regenerative factors that have been attributed to the success of cell therapies due to their cardioprotective effects.

If you were diagnosed with Heart Failure,
at Red Exocel we are here to help you.

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