



USE OF EXOSOMES

DERIVED FROM MESENCHYMAL
STROMAL CELLS IN THE TREATMENT OF

ACUTE MYOCARDIAL INFARCTION

Myocardial infarction occurs due to the interruption of blood flow to the heart, causing the death of its cells and irreversible damage to the heart muscle.



- Mesenchymal stromal cells (MSC) have demonstrated their potential in the treatment of myocardial infarction due to their regenerative and inflammation-regulating actions.
- These cells exert their tissue repair effects through the exosomes they release. Exosomes are spheres that carry bioactive molecules within them with various therapeutic actions.

- Some microRNAs such as miR-133, miR-21 and miR25-3p, both contained in MSC exosomes, have shown a protective and regenerative effect on cardiac tissue.

If you suffered an Acute Myocardial Infarction or suffer from any of its complications, at Red Exocel we can help you.

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