Cardiac stem cell therapy by using double cross-linked injectable hydrogel as scaffold for improved cell retention and survival.

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Sadeghi, A. (2023). Cardiac stem cell therapy by using double cross-linked injectable hydrogel as scaffold for improved cell retention and survival. In IR. NIMAD. REC. 1398.021. Tehran, Iran.

**Abstract:**

The present study investigates the use of a double cross-linked injectable hydrogel as a scaffold to enhance cell retention and survival in cardiac stem cell therapy. The hydrogel was designed to provide a suitable microenvironment for stem cell differentiation and function. The results showed improved cell retention and survival compared to conventional methods.

**Keywords:**

Cardiac stem cells, injectable hydrogel, cell retention, survival.