

The Use of Stem Cell Therapy in Treating Diabetes Mellitus

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Abstract

The Use of Stem Cell Therapy in Treating Diabetes Mellitus Abdallah AbuNemer, Abdulaziz Almazroua, Mohammed Albeik, Mohammed Alhamed, Mustafa Bulbul, Waseel Saadeh Despite progress in understanding the underlying disease mechanisms for diabetes, there is still a paucity of effective therapies. For years investigators have been making slow, but steady, progress on experimental strategies for pancreatic transplantation and islet cell replacement. Now, researchers have turned their attention to adult stem cells that appear to be precursors to islet cells and embryonic stem cells that produce insulin. Stem cell research has promised to revolutionize the view of medicine to previously untreatable diseases, one of which is diabetes mellitus.

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