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Clinical Trials Study

6

Therapeutic potential of human embryonic stem cells in type-2 diabetes mellitus

Geeta Shroff

Abstract

AIM: To evaluate safety and efficacy of human embryonic stem cells (hESC) for the management of Type II Diabetes mellitus (T2DM).

METHODS: Patients with a previous history of diabetes and its associated complications were enrolled and injected hESC lines as per the defined protocol. The patients were assessed using Nutech functional score (NFS), a numeric scoring scale to evaluate the patients for 11 diagnostic parameters. Patients were evaluated at baseline and at end of treatment period 1 (T1). All the parameters were graded on NFS scale from 1 to 5. Highest possible grade (HPG) of 5 was considered as the grade of best improvement.

RESULTS: Overall, 94.8% of the patients showed improvement by at least one grade of

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