

**Pancreas Transplantation: Experience of Single Center**

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**Abstract**

*Background:* Diabetes is the most common cause of renal failure. In patients with type I diabetes and renal failure, dialysis and insulin therapy can prevent a clinical context that causes rapid death, but they are insufficient to prevent long term complications. Pancreas and islet cell transplantation in patients with type I diabetes are the only curative treatment and have recently become more common.

*Methods:* Between December 2006 and August 2010 a total of 10 patients underwent pancreas transplantation. The patients' data were analysed retrospectively.

*Results:* 10 patients and their data were included in this study. Six patients were male and 4 patients were female. All patients are still alive, with functional grafts.

*Conclusions:* Pancreas transplantation is the most effective treatment for patients with type I DM. This paper discusses the feasibility of this process and presents the experience of Ankara University in pancreas transplantation.

**Key words:** pancreas, renal transplantation, diabetes mellitus

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