

عنوان مقاله:

۱۰-year Graft Survival Analysis of Renal Transplantation and Factors Affecting it in Patients Transplanted from Live Donor in Shiraz Transplant Research Center during ۱۹۹۹-۲۰۰۹

محل انتشار:

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خلاصه مقاله:

**Background & Aims:** Renal transplantation is the best therapeutic option for End Stage Renal Disease (ESRD). The aim of this study was to determine the graft survival rate of renal transplantation in patients who have been transplanted from live donor in Shiraz Transplant Research Center, Shiraz, Iran. **Methods:** In a survival analysis study, organ survival rate after kidney transplantation from live donor was determined in ۸۴۳ patients being transplanted in Shiraz Transplant Research Center, Iran during a period of ۱۰ years (March ۱۹۹۹ to March ۲۰۰۹). Kaplan-Meier method was used to determine the survival rate, Logrank test was used to compare survival curves and Cox proportional hazard model was used for multivariate analysis. **Results:** Mean follow-up period ( $\pm$  Standard deviation) was  $53.07 \pm 34.6$  months. Allograft survival rates at ۱, ۳, ۵, ۷ and ۱۰ years after kidney transplantation were found to be ۹۸.۳%, ۹۶.۴%, ۹۲.۵%, ۹۰.۸% and ۸۹.۲%, respectively. Using Cox proportional hazard model, age of donor and creatinine level at discharge showed significant relationships with survival rate of renal allograft. **Conclusion:** The ۱۰-year graft survival rate of renal transplantation from live donor in this center is ۸۹.۲% which in comparison with reports from large centers of transplantation it is satisfactory

کلمات کلیدی:

Kidney Transplantation, Graft Survival, Living donors, Cox proportional hazards model

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