

عنوان مقاله:

Short term and Long term Survival Rate and Risk Factors of Graft Rejection after Deceased Donor Kidney Transplantation: A Systematic Review and Meta-Analysis

محل انتشار:

فصلنامه تحقیقات بین رشته ای در اورولوژی، دوره 3، شماره 3 (سال: 1400)

تعداد صفحات اصل مقاله: 20

نویسندگان:

Behzad Narouie - *Department of Urology, Zahedan University of Medical Sciences, Zahedan-Iran*

Mohammad Saatchi - *Research Center in Emergency and Disaster Health, University of Social Welfare and Rehabilitation Sciences (USWR), Tehran, Iran*

خلاصه مقاله:

Introduction: The purpose of the current meta-analysis was to determine the short-term and long-term graft survival and patient survival from the deceased donors, and determine the prognostic factors. **Methods:** PubMed, Scopus, and Google Scholar databases were searched in March ۲۰۱۹ to obtain articles that report short-term and/or long-term graft and patient survival. The study also includes articles that analyzed the hazard ratio (HR) of graft rejection or patient death for deceased donor risk-related factors. The measures in this study could be summarized as the survival rate and the HR of graft rejection and patient death. **Results:** In the final analysis, ۷۵ articles were included. The ۱- and ۵-year graft survival were ۹۰% and ۷۶%, and for patient survival were ۹۵% and ۸۵% respectively. The ۱- and ۵-year graft survival in transplant donation after brain death (DBD) recipients were ۹۲% and ۷۹% and for patient survival were ۹۴% and ۹۰% respectively. The ۱- year graft and patient survival in donation after circulatory death (DCD) recipients were ۸۷% and ۹۵%, respectively. Also, the ۱- and ۵-year graft survival in patient expanded-criteria donors (ECDs) were ۸۸% and ۶۸%, and for patient survival were ۹۳% and ۸۷%, respectively. The ۱-year graft survival in standard-criteria donors (SCDs) recipients was ۹۳%, and ۱- and ۵-year patient survivals were ۹۶% and ۹۲%. Age of deceased donor, ECD kidney, and male sex were the significant prognostic factors for graft rejection. **Conclusions:** The findings of the first comprehensive meta-analysis of graft and patient survival of the deceased donor showed that the overall short-term and long-term graft and patient survival are desirable and confirm that ECD and DCD recipients have a poorer graft survival chance than standard donors.

کلمات کلیدی:

Graft Survival, Patient Survival, Deceased Donor, systematic review and meta-Analysis

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1312952>

