

The One-Year Graft Survival of a Second Kidney Transplant Compared to that of a First Kidney Transplant: A Systematic Review and Meta-Analysis

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The one-year graft survival of a second kidney transplant will be inferior to the one-year graft survival of a first kidney transplant.

Ethische beoordeling	Niet van toepassing
Status	Werving gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON20076

Bron

NTR

Verkorte titel

RESSECTR (results after second transplant)

Aandoening

End stage renal disease, allograft failure

Ondersteuning

Primaire sponsor: Erasmus MC

Overige ondersteuning: Erasmus MC

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The one-year graft survival of a second kidney transplant compared to a first kidney transplant.

Toelichting onderzoek

Achtergrond van het onderzoek

Kidney transplantation has become the most preferred form of treatment for kidney failure. Currently, around 1 million people in the United States are suffering from kidney failure. Annually, an approximate number of 15,000 kidney transplantations are performed in the United States. As a result of improvements in all aspects of kidney transplantation in the past few decades, the allograft survival has been increased. Unfortunately, in some cases a second transplantation is necessary. A second kidney transplantation could have a decreased allograft survival since this group has already been exposed to alloantigens and thereby has experienced loss of their first graft. Nevertheless, the success rates of second kidney transplantations after a first graft was lost (especially early after transplantation) is not completely known. We want to conduct a systematic review and meta-analysis to assess the graft survival of a second kidney transplantation compared to a first kidney transplantation in adults (> 18 years) We want to search PubMed for studies that examined the graft survival of a second kidney transplant in recipients > 18 years and complied our eligibility criteria. Our primary outcome is the one-year graft survival of a second kidney transplant compared to a first kidney transplant. Results are reported with an Odds Ratio (OR), using a random effects model from Cochrane Statistical Package Review Manager 5.3.

Doel van het onderzoek

The one-year graft survival of a second kidney transplant will be inferior to the one-year graft survival of a first kidney transplant.

Onderzoeksopzet

1 year
5 years

Onderzoeksproduct en/of interventie

Systematic literature review using EMBASE, MEDLINE ALL Ovid, the Cochrane Central Register of Trials, Web of Science Core Collection and Google scholar.

Contactpersonen

Publiek

ErasmusMC
MWF van den Hoogen

0622211445

Wetenschappelijk

ErasmusMC
MWF van den Hoogen

0622211445

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Patients of 18 years and older who recieved a second kidney transplant
2. Clinical trials, cohortstudies, retrospective studies, longitudinal studies and prospective studies.
3. English-language studies

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Case reports and conference reports.
2. Studies included preemptive kidney transplantation
3. Studies included nephrectomy
4. Studies comparing influences of immunosuppressants, HLA-matching, thrombosis, noncompliance or trauma-death donors
5. Studies that combine kidney transplantation with another organ transplantation
6. Studies who did not mention the one-year graft survival of the second kidney transplant

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	19-03-2020
Aantal proefpersonen:	2000
Type:	Verwachte startdatum

Voornemen beschikbaar stellen Individuele Patiënten Data (IPD)

Wordt de data na het onderzoek gedeeld: Nee

Toelichting

N/A

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
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NTR-new	NL8707
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Ander register Erasmus MC - own investigation and funding : ErasmusMC220781

Resultaten

Samenvatting resultaten

N/A