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The results of the present **systematic review** and meta-analysis, suggests that post-kidney **transplantation neurological disorders**, with a prevalence rate about 8%, are relatively common; most of them are caused by **immunosuppressive drugs** and can be treated by decreasing the dose or switching the **immunosuppressive drugs**.

Author: Mohammad Hasan Mohammadi, Mort...

Publish Year: 2019

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Manuscript NO: 51185

Manuscript Type: REVIEW

Therapeutic apheresis in kidney transplantation: An updated review

Salvadori M *et al.* Apheresis in kidney transplantation

Maurizio Salvadori, Aris Tsalouchos

Abstract

Therapeutic apheresis is a cornerstone of therapy for several conditions in transplantation medicine and is available in different technical variants. In the setting of kidney transplantation, immunological barriers such as ABO blood group incompatibility and preformed donor-specific antibodies can 46 complicate the outcome of deceased- or living- donor transplantation. Postoperatively, additional problems such as antibody-mediated rejection and a recurrence of primary focal segmental glomerulosclerosis can limit therapeutic success and decrease graft survival. Therapeutic apheresis techniques find application in these issues by separating and selectively removing exchanging or modifying pathogenic material from the patient by an extracorporeal aphaeresis system. The purpose of this review is to describe the available techniques of therapeutic aphaeresis with their specific advantages and disadvantages and examine the evidence supporting the application of therapeutic aphaeresis as an adjunctive therapeutic option to immunosuppressive agents in protocols before and after kidney transplantation.

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Publish Year: 2013

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Author: Mohammad Hasan Mohammadi, Mort...

Publish Year: 2019

Therapeutic apheresis in kidney AB0 incompatible ...

<https://www.sciencedirect.com/science/article/pii/S1473050217301349>

Review Therapeutic apheresis in kidney AB0 incompatible transplantation. Over the years, the initial **desensitization** strategy with rituximab single-dose induction, pre-and **post-transplant plasmapheresis** and CMV-specific **immunoglobulin administration** has been shifted to a minimized **approach**, omitting **post-transplant antibody removal** in 25 cases.

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Author: Anna Parolo, Cristina Silvestre, Flavia Ne...

Publish Year: 2017