

## **Ocular Complications, Adverse Effects of the Procedure, Side-effects of Medications Used for Graft Survival, and Preventable Vision Loss in Live-related Renal Transplant Recipients: Experience at a Transplant Centre in Pakistan**

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**Abstract :** The ocular complications in renal transplant recipients at the biggest transplant center in Pakistan were seen to be diverse, multiple, and sight-threatening. These complications could mainly be due to the primary disease causing renal failure, the process of transplantation, and/or the medications used pre and post-transplantation. A retrospective case series recently published in the Journal of Pakistan Medical Association highlights the common ocular pathologies encountered in renal transplant population. Majority of the patients suffered from cataract, which is a known side-effect of long-term steroids routinely used for graft survival. There was a unique finding in Pakistani population, never reported before from any other transplant centre world over; a large number of recipients was reported to be suffering from night blindness, which significantly improved on vitamin A supplementation. There were a variety of other ocular complications seen which emphasizes the necessity of ocular care and routine examination of transplant recipient's eyes by an ophthalmologist in order to avoid visual compromise and improve the quality of life of the transplant recipient.

**Keywords :** cataract, night blindness, ocular complications, renal transplantation

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