

## Kidney transplantation at King Hussein Medical center, medical complications and outcome

Ayham Haddad

King Hussein Medical Center, Jordan



### Abstract

**Objectives:** Royal medical Services were the pioneer both in Jordan and the Middle East by performing kidney transplantation first in 1972. We conducted this retrospective study to determine the outcome and medical complications of kidney transplantation at King Hussein Medical center

**Methods:** Over the period of three years from January 2017 till December 2019 all patients who underwent kidney transplantation at King Hussein Medical center were included in this study with a minimum period follow up of 6 months.

**Results:** 188 kidneys Transplantation were done during the study period, 11 cases were children leaving 177 cases of adults. Two transplants were from deceased donor and 175 cases were from living related donors. of the 177 cases 7.9% developed acute rejection, 11.3% developed various infectious complications, 12.4% developed post transplant diabetes mellitus, Biopsy proven chronic allograft nephropathy in 2.2%, recurrence of primary renal disease in 2.2%, graft failure in 3.3% and death with functioning graft in 3.3%

**Conclusion:** Kidney transplant is a valuable treatment option for renal failure. Our experience shows a low incidence of medical complications and good long term out come in kidney transplantation. Early detection of the anticipated complications and aggressive management are needed to preserve the graft function and decrease both morbidity and mortality

**Keywords:** Kidney transplantation, complications, graft survival, patient survival

### Biography

Ayham Haddad MD, FRCP (Edin) JBIM, JBNeph, MSc (Neph) Sheffield, UK. MB.Ch.B – 1988 college of medicine, university of baghdad, baghdad-IRAQ. Jordan medical council certificate of internal medicine-1995. (Jordanian Board – Internal Medicine). Masters of medical sciences in nephrology –M Med Sci- 2000. University of sheffield, United Kingdom. consultant nephrologist. His interests in the field of nephrology includes, but not limited to, kidney transplantation, acute kidney injury and renal osteodystrophy. Director, Prince hussein center for urology and organ transplantation, king hussein medical center, 2015- present.

