

TRANSPLANTATION AS A GOLD STANDARD TREATMENT FOR END STAGE ORGAN FAILURE



Volume 5

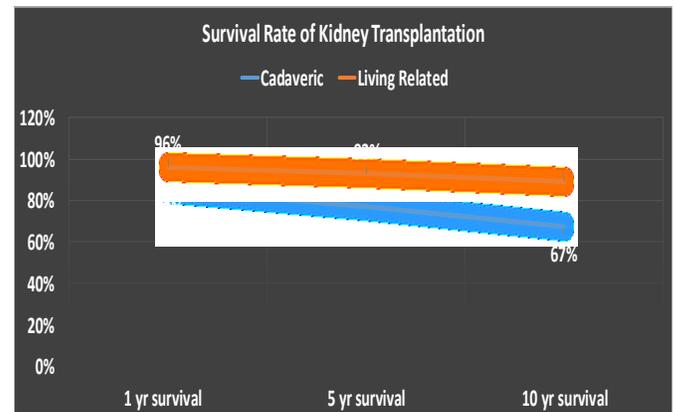
Introduction

- Organ transplantation has in the last few decades become an effective form of treatment for end stage heart, liver and kidney failure, and the technical skill and knowledge for transplantation of other organs are being continuously developed.
- Our ability to control the transplant patient’s immune response and the side effects of immunosuppressive regimens has reduced the incidence of acute graft loss.
- This has given greater confidence among transplant surgeons who now believe that, with the fine tuning of skills and technique, organ transplantation should no more be reserved for life-threatening organ failure but should also be available for structural non-life threatening defects.

Kidney Transplantation

- Kidney transplantation is the preferred mode of renal replacement therapy for end stage renal disease, with dramatic improvements in patient and graft survival over the last 50 years.
- With immunosuppression, 1-year patient survival is close to 96%, and 1-year allograft survival rates have improved to 85% for deceased donor kidney transplants and 96 % for living donor kidney transplants with some inter-center variability.

Survival rate



Waiting list versus number of donated organ

Organ	No, of waiting list as of Dec 2017	No. of donated organ in till April 2018
Kidney	21,811	6
Liver	Adult :5 Paeds: 0	1
Heart	5	1
Lungs	2	0
Heart and Lungs	3	0
Total	21,433	8

- Patient with end stage renal failure have other alternative treatment like dialysis which unfortunately associated with complications, costly and poor quality of life.
- In conclusion, no organ donation, no transplantation.

Pusat Sumber Transplan Nasional

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