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3-year survival rate of kidney transplant recipient in Cipto Mangunkusumo General Hospital Indonesia**Vidhia Umami, Maruhum Bonar H Marbun and Endang Susalit**
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Background & Aim: Kidney transplant has been developing rapidly in Indonesia in recent years. Cipto Mangunkusumo General Hospital (CMGH) has performed 491 transplants in the last 6 years. The survival of graft and patients in CMGH in the first year were 85.4% and 88.5%. However, there was no data on survival in the next following years. This study was aimed to establish the 3-year survival of graft and patient of kidney transplant in CMGH.

Method: A descriptive study with retrospective cohort design on all kidney transplant patients at CMGH from January 2011 to May 2014 was conducted. Each patient was observed from the date of transplantation until death or May 2017. Graft and patient survival rate within 3 years and at the end of the study were documented. The Kaplan-Meier method was used to describe graft and patient survival.

Results: 138 of 147 kidney transplant recipient were included. All patients received kidneys from living donors. The mean age was 47.94±14.06 years old. The 3-year death censored graft survival, all-cause graft survival and patient survival were 90.6%, 76.1% and 79.7%, in sequence. At the end of the study, these survival rates were lower (89.1%, 71.7%, and 76.1%). The median of observation time was 42 months (36-72 months). Kaplan-Meier's curve showed the highest mortality rates occurred in the early months. Infection was the main cause of death.

Conclusion: The 3-year graft and patient survival in CMGH is known. Infection is the major factor that affect the survival rates.

Biography

Vidhia Umami has completed her Specialist program in Internal Medicine, University of Indonesia in December 2012. She was also graduated from Faculty of Medicine University of Indonesia, for her Medical Doctor in August 2005. She is now in Consultant program in Nephrology and Hypertension at Internal Medicine Faculty of Medicine, University of Indonesia, Cipto Mangunkusumo General National Hospital. She worked at several hospitals in Indonesia and now actively work in Bahkti Asih Hospital, Tangerang and also in Cipto Mangunkusumo General Hospital. She is a member of Indonesian Medical Association, Indonesian Society of Internal Medicine, Indonesian Society of Nephrology, Indonesian Society of Hypertension, and Indonesian Transplantation Society. She has published numerous articles and posters in several conferences throughout the world.

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