

12TH GLOBAL NEPHROLOGISTS ANNUAL MEETING

June 26-28, 2017 London, UK

Spectrum of infection in kidney transplant recipient in a tertiary care hospital in India

Salil Jain

Fortis Memorial Research Institute, India

Kidney transplantation is treatment of choice for advanced chronic kidney disease patients as it gives better quality and quantity of life as compared to dialysis. The morbidity and mortality secondary to infections after transplantation is determined by various factors which include age, pre-existing chronic diseases, living versus diseased graft, induction and degree of immunosuppression, nutritional and socio-economic status. Newer immunosuppressive drugs including induction agents have resulted in better graft and hence better patient survival. The main drawback however is the risk of infections. In India around 50% of the recipients have mortality secondary to infection. Urinary tract infection (UTI), tuberculosis, CMV, Hepatitis C and B were the most common infections encountered previously. With better immunization (Hepatitis B), prophylactic drugs (CMV) and treatment (Hepatitis C) their incidence have come down considerably. The spectrum has changed now to more of viral and fungal infections. BK virus, Herpes, EBV, parvo virus, nocardiosis, pneumocystis and fungal infections are being detected more frequently. It is essential for all physicians to be aware of this new trend and to be more suspicious of these infections in transplant recipients so that an early diagnosis and treatment can be initiated which translates into a better survival. There are very few studies about the infectious complications from India. Hence, we conducted this retrospective data analysis to determine the etiology of infections in single tertiary care center in India.

Biography

Salil Jain completed his Medical graduation from University of Mumbai and has done Clinical fellowship in Adult Nephrology from University of Toronto as well. He has interest in kidney transplant and is actively involved in live, deceased, ABO incompatible and high immunological risk transplants. Presently, he is working as Additional Director in Department of Nephrology and Renal Transplant at Fortis Memorial Research Institute, Gurgaon, India.

drsaliijain@yahoo.co.in
salil.jain@fortishealthcare.com

Notes: