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Early post operative infection after liver transplant: Indian perspective

Infection occurring during early post operative period after liver transplantation result in significant rise in morbidity and mortality. Due to high immunosuppressive state immediately after liver transplant, patients are prone for infections. During early period hospital acquired infection is most common cause of mortality after liver transplant. We have analysed our experience of 84 liver transplant performed during period of June 2012 to February 2016. 54.8% of patient suffered from one or more episode of bacterial and/or fungal sepsis during their post operative hospitalisation. The median onset of infection was on day four after transplantation. In our experience, *Klebsiella* was seen in 47.05%, *Acinetobacter* 29.41%, *E. coli* 11.76%, *Pseudomonas* 5.88% and mucormycosis in 5.88%. Post operative infection was most common complication encountered after liver transplant. Among 84 patients, 46 developed infection. Out of 46 patient, 14 died due to infection, off remaining two developed unusual infection. One patient developed gastric mucormycosis was managed successfully with radical surgery. One patient developed malaria and improved with antimalarial. In present series, overall one year mortality was 28.57% (24 out of 84). Infection was the most common cause of mortality and seen in 58.3% (14 out of 24), followed by small for size 12.5% (3 out of 24), central pontine myelinolysis 12.5% (3 out of 24), bleeding 8.3% (2 out of 24) and portal vein thrombosis in 4.2% (1 out of 24).

Biography

Sachin Daga has completed his Master's in General Surgery from Nagpur University and Post-masters studies from Nizam's Institute of Medical Sciences, Hyderabad, India. He is the Senior Consultant at Krishna Institute of Medical Sciences in Hyderabad. He has published few papers in reputed journals and has several talks in national and international conferences and CME's.

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