

Submission No.: CS02-5420

Session : Concurrent Symposium 2 (Liver)

Date & Time, Place : November 18 (Fri), 10:30-12:00, Room 5F-1

Session Title : How to Improve Long-term Outcome after LT

Long-term Outcome of Perioperative Renal Dysfunction in LT

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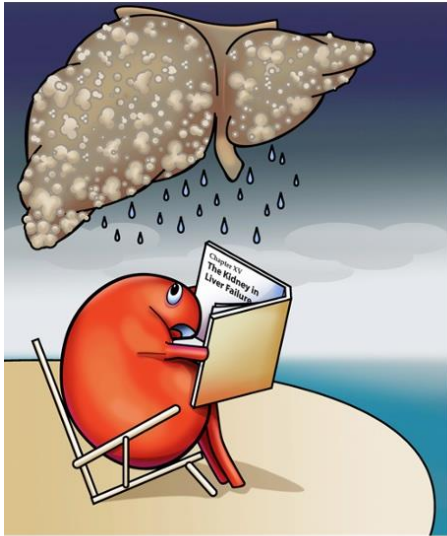
Renal dysfunction is an increasing problem in patients planned for, and undergoing liver transplantation (LT). LT recipients with some degree of pre-transplant chronic kidney disease (CKD) add to the substantial burden of patients with post-LT renal dysfunction and have high short-term mortality post operatively. In countries where MELD score is used for organ allocation in deceased donor LT, the score de facto selects those with renal dysfunction as priority, hence more and more of such recipients are getting transplanted, thus further increasing the burden. Also, LT recipients are surviving longer thanks to better pre-, intra-, and post-op care. The cumulative effects of long term immunosuppression (accumulation in renal toxicity from immunosuppressive drugs) may have a significant role to play in long term renal dysfunction in them. Consequently, there is an increasing need for kidney transplantation after liver transplantation noted today. During this talk, I would try and enumerate interventions to minimise the effects of pre-existing renal dysfunction on outcomes of patients undergoing LT, and also how we could use intra operative and post operative strategies to protect the kidneys in the short- and long term. Optimal selection of patients, and the choice of timing of LT with respect to renal function, are important strategies in the pre operative period, while certain surgical and anaesthetic interventions during the LT surgery may help protect the kidneys. In the immediate post operative period, an optimal hemodynamic milieu, and immunosuppression modulation holds the key to preventing renal damage. Further, an often neglected aspect is the close monitoring of renal function in the late post-LT period. Interventions to adequately alter immunosuppressive drugs as well as control the metabolic parameters which may contribute to further renal injury in LT recipients, may help.

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Nov. 17(Thu)~19(Sat), 2022

CONRAD SEOUL, Seoul, Korea

Pre - LT



Post - LT

