PD-020  Current Issues on Pediatric Intestinal and Multivisceral Transplantation

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Intestinal and multivisceral transplantation has been performed for children with chronic intestinal failure and TPN associated complications. This form of transplantation has established its role in the treatment of such children in the United States. However, the number of cases of intestinal and multivisceral transplantation is still relatively limited and the surgical procedures and perioperative management of the recipients are still in its early stage of evolution. At the University of Miami/ Holtz Children's Hospital, we have performed 169 transplants in 147 children (267 transplants in 238 patients including adults) as of February 2007. In this talk, I would like to summarize recent updates in intestinal and multivisceral transplant from one of the largest volume centers in the world. I also would like to cover some of the controversies in this field including preemptive (early) isolated intestinal transplant, isolated liver transplant in short gut syndrome, and protective effect of liver in small bowel rejection and to discuss the future perspectives of immune tolerance, rejection monitoring, and patient selection in this field of transplant.