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Session : Concurrent Symposium 4 (Lung)

Date & Time, Place : November 18 (Fri), 10:30-12:00, Room 5F-2

Session Title : Multi-organ transplantation

Overview of lung-liver transplantation; lung transplant surgeon's perspective

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Combined lung-liver transplantation (CLLT) is a rare, life-saving procedure to treat concomitant lung and liver disease. In the United States, there have been 164 combined lung and liver transplantation since 1994. At the same time period, there have been 182,210 liver transplantation and 46,160 lung transplantation. CLLT applies 2 technically challenging transplantations in one patient with severe two organ failure. Accordingly, these procedures were mostly performed at high volume centers. Despite its rarity, CLLT serves as a last recourse for those patients with end-stage lung disease complicated by concomitant liver disease, in whom survival is not expected with single organ transplantation alone. CLLT is most commonly indicated in cystic fibrosis accompanied by cirrhotic liver disease. Given the limited experience with CLLT, there is immense variability in patient cohort, selection criteria, surgical technique, anesthesia protocols, and postoperative management. This presentation will deal with these considerations.