



Submission No.: CS09-9245

Session : Concurrent Symposium 9 (Liver)

Date & Time, Place : November 18 (Sat), 09:00-10:30, Room 6F-1

Session Title : Pediatric LDLT

---

## **Liver transplantation in children: challenging and future perspectives**

**Feng Xue**

*Shanghai Jiao Tong University Renji Hospital, China*

---

Pediatric liver transplantation is a life-saving procedure for children with end-stage liver diseases, achieving excellent graft and patient survival but with effects on quality of life, immune and chronic viral diseases in the long-term. In China, pediatric liver transplant program has developed rapidly since 2012, the graft 5-year survival from 72.5% increased to 85.6%, however, long-term patient and graft survival is still challenging. With the natural increase in the number of pediatric transplants becoming adults, it is essential to successfully plan and manage issues affecting late outcomes in the vulnerable adolescent population. Moreover, autoimmune liver diseases are in the absence of a known etiology, yet the diagnosis and management are not in consensus; EBV infection and malignancy risks, as well as long-term surgical complications. Finally, tolerance is still a challenging topic in pediatric transplant population. **Conclusions:** we emphasize the need for adherence with immunosuppression, a healthy lifestyle and lifelong medical follow-up in pediatric liver transplant population, liver transplantation is 'not a cure', but a lifelong 'medical process'