



## Preface on special issue of “laparoscopic liver surgery”

In this special issue of “laparoscopic liver surgery” for the *Annals of Laparoscopic and Endoscopic Surgery (ALES)*, leading experts and teams from Belgium, Brazil, China, England, France, Hong Kong, Italy, Japan, participated by contributing their knowledge.

In February 2017 the First European Guidelines Meeting on Laparoscopic Liver Surgery was held in Southampton (UK) and in June 2017 the first world congress of the International Laparoscopic Liver Society will be held in Paris. The laparoscopic liver surgery is evolving every day and this special issue is a good representation of the worldwide laparoscopic liver surgery (LLS) experience.

In one article, the LLS for Colorectal Liver Metastases are presented with a literature review from the Southampton Center. In a second paper a technical note for the Intrahepatic Cholangiocarcinoma is proposed by an Italian team. An interesting experience on Laparoscopic Cholecystectomy and Cirrhosis is proposed by a Brazilian team. We reported our experience on hepatocellular carcinoma treated with the laparoscopic approach. Staying on cirrhosis, a systematic review on the LLR for the treatment of hepatocellular carcinoma as a bridge for transplantation is reported by Lai Q. Concerning the transplantation, we are honored to have both right and left lateral experience for living donation from two European Centers.

Coming back to the LLS, the technical difficulty is now evolving and we will first have a look on the anatomical right posterior sectionectomy and the experience of the use of intercostal trocars for LLS. Nonetheless, frontiers on the indication for LLS are open and first with the future of laparoscopic major liver resection and after with the initial experience on extended LLS describe to us the increasing indication for LLS. Furthermore, we have a perspective on current status in robotic hepatectomies.

All LLS field have been treated in this issue by worldwide expert team. We are very grateful to all authors, experts and thought leaders in this field for their excellent contributions.

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