

Overview by chairs

<International Symposium 2>

"Cutting Edge of Laparoscopic and Robotic Surgery"

Laparoscopic cholecystectomy for gallstone is the first established standard treatment of choice in the field of general and gastroenterological surgeries. And further novel approaches are still investigated to enhance the safety of operation, for example, a scope facilitating intraoperative navigation of anatomical landmarks using AI is under development. Although laparoscopic surgery for congenital biliary dilatation is approved by Japanese insurance system, perihilar bilioenteric anastomosis is technically demanding, thereby robotic surgery is promising. On the other hand, indication of laparoscopic or robotic surgery (MIS) for biliary malignancies is limited to pancreatoduodenectomy for distal bile duct cancer and carcinoma of the papilla Vater at present time in Japan. Furthermore, MIS for other biliary malignancies are still challenging. In this symposium, institutional approaches for technical innovations, newly designed instruments and/or surgical systems, and teaching curriculum for MIS is welcomed as subject of debate.
