

## Overview by chairs

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<International Symposium 4>

### **" Current status and future perspective of biliary drainage"**

Development of various devices and techniques for biliary drainage has improved its outcomes. Although plastic stents were previously used during preoperative biliary drainage for distal biliary obstruction, metal stents have recently been employed in patients receiving neoadjuvant chemotherapy for longer stent patency. For hilar biliary obstruction, there remain controversial issues about drainage methods: percutaneous vs endoscopic; unilateral vs bilateral; plastic vs metal stent; stent-in-stent vs side-by-side. Balloon enteroscopy or EUS play an important role in case of difficult biliary obstruction including surgical altered anatomy. PTGBD is recommended as the first-line drainage in cases of high risk of early cholecystectomy, while recent development of endoscopic drainage techniques have allowed to extend their indications. In this session, we discuss current status and perspective of biliary drainage sharing new evidences.

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