

**7:45 am** | **REGISTRATION AND WELCOMING OF PARTICIPANTS**

**8:00 am** | **THEORETICAL SESSION**

**DRAINAGE OF COLLECTIONS AND CHOLECYSTITIS**

- Tips for ultrasound-guided biopsies
- Drainage of abdominal collections
- Drainage of complex abdominopelvic collections
- Percutaneous cholecystostomy

**BILE DUCT DRAINAGE**

- Bile duct drainage
- Severe acute pancreatitis in 2026

**NEW FRONTIERS**

- Portal vein embolization / deprivation
- Robotic ultrasound: new concepts
- AI in preoperative planning: what does the technology offer us?
- Biodegradable stents in benign biliary disease:
  - Indications and outcomes.
  - Technical tips
- Cholangioscopy and pancreatoscopy

**PRE-RECORDED LIVE DEMONSTRATIONS**

**1:00 pm** | **LUNCH AT THE INSTITUTE**

**2:00 pm** | **HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

- Fundamentals of percutaneous ultrasound-guided biopsy and drainage of collections in ultrasound-guided simulators
- Endovascular procedures in animal model (angiography)
- Biliary drainage in simulator (with ultrasound and angiography)
- Cholangioscopy percutaneous and laparoscopic
- Biopsies guided by translaparoscopic and robotic ultrasound in animal models
- Fusion drainage

**5:30 pm** | **END OF SESSION**  
**EVENING FREE**

**7:45 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS**

**8:00 am | THEORETICAL SESSION**

**HPB ULTRASOUND**

- Fundamentals of ultrasound
- Intraoperative ultrasound for resection (open)
- Laparoscopic and percutaneous HPB surgical ultrasound, the 3 steps
- Use of ultrasound in the liver (contrast, elastography, Doppler) for ICG injection and ablation
- AI in preoperative planning: what does the technology offer us?
- Use of ultrasound by HPB surgeons

**LIVER ABLATION: PERCUTANEOUS AND LAPAROSCOPIC APPROACH**

- Laparoscopic cholangioscopy for lithiasis
- Ablation systems available: RFA, MWA, IRE and Cryo
- Concept of planning, execution, and confirmation in tumor ablation
- Ablation has the same oncological outcome as resection: analysis of available data
- Percutaneous stereotactic ablation / robotic: role of navigation systems and ablation margin. Results of the Innsbruck Consensus Meeting
- Laparoscopic liver ablation: is it better or worse than percutaneous ablation?

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

- Demonstration of tumor ablation systems (RFA, MWA and IRE)
- Ultrasound in laparoscopic and robotic simulator
- Ultrasound ablation in percutaneous simulator
- Navigation system in ablation
- Fusion and navigation
- CT-guided ablation
- Cholangioscopy for biopsies and endocanalicular RFA

**5:30 pm | END OF SESSION**

**8:00 pm | DINNER IN HONOR OF THE PARTICIPANTS**

**7:45 am | REGISTRATION AND WELCOMING OF PARTICIPANTS**

**8:00 am | THEORETICAL SESSION**

**UPDATE ON LIVER TUMORS AND NEW TECHNOLOGIES**

- Will the near future of HCC be transplantation, resection or ablation?
- In which cases is ablation better and in which cases is resection better?
- Will the robot replace laparoscopy soon?
- Smart HOR (SHORE), accessible technology and the real democratization of surgery

**LIVER ABLATION: PERCUTANEOUS AND LAPAROSCOPIC APPROACH**

- Ablation systems available: RFA, MWA, IRE and Cryo
- Laparoscopic liver ablation: is it better or worse than percutaneous ablation?
- Is it possible to perform ablation during robotic resection?
- Percutaneous robotic ablation
- Management of complications in tumor ablation
- Complex case for discussion

**KEYNOTE LECTURE**

- CT, MR, or US in liver ablation?

**1:00 pm | LUNCH AT THE INSTITUTE**

**2:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

- Demonstration of tumor ablation systems (RFA, MWA and IRE)
- Ultrasound- and tomography-guided systems
- Robot in ablation
- Fusion in ablation
- Tips and tricks in ablation
- Planning, execution and confirmation during liver ablation

**6:30 pm | END OF THE COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE**