

7:45 am ◇ REGISTRATION AND WELCOMING OF THE PARTICIPANTS

8:00 am ◆ **THEORETICAL & VIDEO SESSION**

- Biliary lithiasis: epidemiology, incidence, and complications
- Management strategy for bile duct stones: imaging and types of interventions
- Preoperative workup: standard and emergency protocols
- MRI cholangiography: indications and evaluation
- ERCP: Indications and methodology
- When and how operate:
 - Acute cholecystitis
 - Acute cholangitis
 - Biliary pancreatitis
- Intraoperative considerations: Ultrasound and intraoperative cholangiography
- Choledochoscopy: Indications and strategy
- Surgical approach: the ideal cholecystectomy and the triangle of safety
- Anatomical variations (vascular and biliary)
- Robotic and single-port surgery: technical advancements
- Bile duct injury: prevention and management

12:00 pm ◇ LUNCH AT THE INSTITUTE

1:00 pm ◆ **HANDS-ON SESSION ON EX VIVO MODELS**

Laparoscopy and percutaneous surgery

- Cholecystectomy
- Main bile duct exposure
- Biliodigestive anastomosis
- Intraoperative cholangiography
- Choledochoscopy
- Transcystic drainage

5:00 pm ◇ END OF SESSION EVENING FREE

7:50 am ◇ EVALUATION OF THE PREVIOUS DAY'S SESSIONS

8:00 am ◆ **THEORETICAL & VIDEO SESSION**

- Challenging cholecystectomy
 - Advanced acute cholecystitis
 - Difficult adhesiolysis
 - Biliary inflammation: "frozen" liver hilum

9:00 am ◆ **LIVE PRE-RECORDED OPERATIVE DEMONSTRATIONS**

- Classic cholecystectomy
- Acute cholecystitis

10:30 am ◆ **THEORETICAL & VIDEO SESSION**

- Atypical cholecystectomy
 - Antegrade dissection (fundus-first approach)
 - Partial cholecystectomy
- When and how to convert
- Alternative approaches to bile duct access:
 - Endoscopy, various drainage options (gallbladder, choledochus)
- Percutaneous surgery: indications and techniques
- Intrahepatic lithiasis: Caroli syndrome

12:00 pm ◇ LUNCH AT THE INSTITUTE

1:00 pm ◆ **HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)**

Laparoscopy and percutaneous surgery

- Approach and exposure of the main bile duct
- Intraoperative cholangiography
- Choledochoduodenal anastomosis
- Distal pancreatectomy

5:00 pm ◇ END OF SESSION

8:00 pm ◇ DINNER IN HONOR OF THE PARTICIPANTS

7:50 am	◇	EVALUATION OF THE PREVIOUS DAY'S SESSIONS
8:00 am	◆	THEORETICAL & VIDEO SESSION <ul style="list-style-type: none">• Approach and strategy in complex main bile duct lithiasis<ul style="list-style-type: none">- Transcystic approach- Surgical choledochotomy- Instruments and technique for choledocscopy
9:00 am	◆	LIVE PRE-RECORDED OPERATIVE DEMONSTRATIONS <ul style="list-style-type: none">• Surgical management of CBD stone
10:00 am	◆	THEORETICAL & VIDEO SESSION <ul style="list-style-type: none">• Approaches and strategies in complex clinical situations<ul style="list-style-type: none">- Mirizzi Syndrom- Cholecystoduodenal fistula- Cholecystocolic fistula• Difficult surgical situation: management of complex cases• Conversion: transitioning to radiologic or endoscopic strategies• Postoperative drain management: types and techniques<ul style="list-style-type: none">- External- Internal: choledocoduodenal- Transcystic- T-tube• Discussion: surgical, percutaneous, or endoscopic approaches
12:00 pm	◇	LUNCH AT THE INSTITUTE END OF THE COURSE DELIVERY OF CERTIFICATES OF ATTENDANCE