ESSO Hands on Course on Liver Surgery In partnership with Medical University Innsbruck

Innsbruck (AT), 6th to 7th April 2027

Chairs

Eva Maier, Medical University of Innsbruck, Innsbruck, AT
Manuel Maglione, Medical University of Innsbruck, Innsbruck, AT
Stefan Stättner, Kepler University Hospital, Linz, AT

Faculty:

Benno Cardini, Medical University Innsbruck, Innsbruck, AT
Rupert Oberhuber, Medical University Innsbruck, Innsbruck, AT
Cristina Dopazo, Hospital Vall d'Hebron, Barcelona, ESP
Christian Oberkofler, Clinic Hirslanden Zürich, CH
Andrea Ruzzenente, Unversità degli studi di Verona, IT
Andreas Schnitzbauer, Ruhr-University of Bochum, DE

Tuesday, 6th April

08:00 – 08:30 Welcome coffee

08:30 – 08:45 Welcome and introduction
S. Stättner, E. Maier, M. Maglione

08:45 – 09:10 Interpretation of radiological findings
tba

09:10 – 09:40 How to plan a liver resection: HCC, iCCA, CRLM
C. Dopazo

09:45 – 10:00 Coffee break

10:00 – 10:30 Minimal invasive liver resections – tips, tricks and pitfalls
A. Ruzzenente

10:30 – 11:00 Standard open resections – tips, tricks and pitfalls
C. Oberkofler

12.00 – 13:30 Lunch

15:30 – 15:45 Coffee break

11:00 – 17:00 Working groups (max. 7 people per group) in Rotation on 4 different topics:

1. Primary liver tumours: HCC – Interactive case: defining resectability, treatment plan, MDT, resection and complication management *(C. Dopazo & M. Maglione)*

2. Primary liver tumours: iCCA – Interactive case: defining resectability, treatment plan, MDT, resection and complication management
   working in groups (S. Stättner & A. Ruzzenente)
3. Secondary liver tumours: colorectal liver metastases – Interactive case: defining resectability, treatment plan, MDT, resection and complication management
   groups (C. Oberkofler & R. Oberhuber)

4. Tips and tricks for intraoperative ultrasound, vascular resection and bilioenteric reconstruction hands on ultrasound on machine perfused liver (*M. Maglione, E. Maier, B. Cardini)*

Lunch & Coffee break between the rotation

Wednesday, 7th April

Hands on session

Tutors: B. Cardini, C. Dopazo, M. Maglione, E. Maier, C. Oberkofler, A. Ruzzenente, S. Stättner. A. Schnitzbauer, R. Oberhuber

08:00 – 08:30 Welcome coffee

08:30 – 08:45 Introduction dissection room

08:45 – 10:45 Part 1: Laparoscopic approach (left-lateral):

1. Positioning of patient / trocars
2. Mobilization of the left liver
3. Pringle Maneuver
4. Identification and isolation of the left hepatic vein
5. Parenchymal transections (left-lateral)
6. Segment 1 resection

10:45 – 11:15 Coffee break

11:15 – 13:15 Part 2: Conventional approach (preparation for right-hepatectomy):

1. Video session: Step-by-Step right hemi hepatectomy (supported by Incision.com)
2. Positioning of patient
3. Mobilization of the left and right hemiliver
4. Pringle Manoeuvre
5. Identification and isolation of the right and middle hepatic vein
6. Hilar approach with identification and isolation of the hepatic arteries, portal vein and common bile duct
7. Parenchymal transections (hemi right)

13:15 – 14:45 Lunch

15:00 – 16:15 Part 3: Conventional approach (advanced resections, bile duct and vascular resections)

1. Common bile duct reconstruction techniques +/- T-drainage, bilioenteric anastomosis
2. Hepatic artery reconstruction and portal vein reconstruction
3. Complication management