

## Young SICO – SICO Hands on Course: ONCOLOGIC HEPATOBILIARY SURGERY

12-14 December 2019, Verona (Italy)

### Course Organization and Scientific Committee

- FEDERICA CIPRIANI – IRCCS Ospedale San Raffaele, Milano
- RAFFAELE DE LUCA - IRCCS Istituto Tumori Giovanni Paolo II, Bari
- LAURA LORENZON - IRCCS Fondazione Policlinico Universitario A. Gemelli, Roma

### Faculty –Tutors

- LUCA ALDRIGHETTI – IRCCS Ospedale San Raffaele, Milano
- FRANCESCO ARDITO - IRCCS Fondazione Policlinico Universitario A. Gemelli, Roma
- GIORGIO ERCOLANI - Ospedale Morgagni-Pierantoni, Forlì
- EDUARDO FERNANDEZ - University of Illinois at Chicago, USA
- ALESSANDRO FERRERO – Azienda Ospedaliera Ordine Mauriziano, Torino
- ALFREDO GUGLIELMI – Ospedale Borgo Roma, Verona
- GIULIANO LA BARBA - Ospedale Morgagni-Pierantoni, Forlì
- ROBERTO LO TESORIERE - Azienda Ospedaliera Ordine Mauriziano, Torino
- ANDREA PERCIVALE - Azienda Sanitaria Locale Savonese, Pietra Ligure
- FRANCESCA RATTI – IRCCS Ospedale San Raffaele, Milano
- NADIA RUSSOLILLO – Azienda Ospedaliera Ordine Mauriziano, Torino
- ANDREA RUZZENENTE – Ospedale Borgo Roma, Verona

**AIM OF THE COURSE:** to focus on surgical anatomy and basic surgical techniques on oncological hepatobiliary surgery.

### Main topics

- Anatomy of the liver and biliary tract and nomenclature for liver resections
- Techniques for parenchymal transection
- Vascular control, haemostasis and biliostasis techniques
- Techniques for biliary anastomosis
- Clinical studies
- Principles of oncologic surgery
- Surgical devices
- Prevention and management of complications
- Practice on LAP TRAINERS

### Methods

- Theoretical and practical **hands-on training on human cadavers:** the practical session will be help on 6 cadavers (3 participants and 1 tutor for each cadaver)
- Video presentations
- Frontal lessons with interactive discussion
- Theoretical and practical laparoscopic training: 6 **lap trainers** will be available for basic laparoscopic excercises

**Participants:** the course is dedicated to young surgeons (residents or young specialists) interested in oncologic hepatobiliary surgery.

The course is limited to 18 participants.

### Course venue

ICLO-San Francesco Sales Via Evangelista Torricelli, 15A, 37135 Verona, Italy

### Course Coordination - Secretariat Organization

Antonella Murru

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Kassiopeagroup (IT)

### REGISTRATION

Il corso è aperto agli iscritti YSICO (per iscrizioni <http://www.sicoonline.org/> oppure [info@sicoonline.org](mailto:info@sicoonline.org)) – Contattare la segreteria per compilare la scheda di iscrizione al corso e per convenzioni per la ricettività locale

### SUBSCRIPTION

Pre-registration: by 10 Sept. 2019 (fee payment within the next 20 days)

Early registration: by 30 Sept. 2019( 800€ + VAT SICO Platinum Members)

Late registration: by 30 Oct. 2019 (900€ + VAT)

Subscription includes: registration to the course, insurance, certificate of attendance, catering during the course hours and one social dinner.

Payment can be made by bank transfer to the following bank account: Kassiopea Group s.r.l. Banca Nazionale del Lavoro, Agenzia di Selargius, via Peretti, IT 34 L 01005 44100 0000 0000 3355, specifying the name of the participant and including the following motive of payment: "Participation to Cadaver Lab Verona 2019" (postal and bank expenses are borne by the participant)



Day 1: 12 Dec. 2019 - ANATOMY, TECHNIQUE, TIPS&TRICKS

Faculty: L. Aldrighetti, F. Ardito, G. Ercolani, A. Ferrero, A. Guglielmi, A. Ruzzenente, F. Cipriani, F. Ratti, N. Russolillo

13.00-13.30 Registration

13.30-13.40 Course Opening (Cipriani F)

13.40-14.00 Welcome from Institutions: SICO and SICO Young (De Luca R, Lorenzon L); University of Verona (Guglielmi A)

14.00-14.15 Anatomical basis, nomenclature and types of liver resection (Ruzzenente A)

14.15-14.30 Left lateral sectionectomy: surgical anatomy and basic steps (Ratti F)

14.30-14.50 Left lateral sectionectomy: surgical technique and tips & tricks (what the surgeon and assistant should focus on?) (Guglielmi A)

14.50-15.05 Left hemihepatectomy: surgical anatomy and basic steps (Cipriani F)

15.05-15.25 Left hemihepatectomy: surgical technique and tips & tricks (what the surgeon and assistant should focus on?) (Ferrero A)

15.25-15.40 Right hemihepatectomy: surgical anatomy and basic steps (Russolillo N)

15.40-16.00 Right hemihepatectomy: surgical technique and tips & tricks (what the surgeon and assistant should focus on?) (Aldrighetti L)

16.00-16.15 *Coffee break*

16.15-16.30 Left medial, right anterior and right posterior sectionectomy: surgical anatomy and basic steps (Russolillo N)

16.30-16.50 Left medial, right anterior and right posterior sectionectomy: surgical technique and tips & tricks (what the surgeon and assistant should focus on?) (Ercolani G)

16.50-17.05 Minor resections: surgical anatomy and basic steps (Cipriani F)

17.05-17.25 Minor resections: surgical technique and tips & tricks (what the surgeon and assistant should focus on?) (Ardito F)

17.25-17.40 Caudate lobe resection and central hepatectomy: surgical anatomy, basic steps surgical technique and tips & tricks (what the surgeon and assistant should focus on?) (Ratti F)

17.40-18.00 Two stage hepatectomies and ALPPS procedures: surgical anatomy, basic steps, surgical technique and tips & tricks (Aldrighetti L)

18.00-18.15 Q&A: open debate with the audience

Day 2: 13 Dec. 2019 - HANDS ON CADAVER LAB

Faculty: F. Ardito, F. Cipriani, G. La Barba, R. Lo Tesoriere, A. Percivale, A. Ruzzenente

8.30–9.00 Surgical Devices in HPB Surgery with open coffee

9.00–9.15 Choice of the access and types of incision (Percivale A)

9.15–9.30 Principles of intraoperative ultrasound (Lo Tesoriere R)

9.30–09.45 Techniques for hilar dissection and bile duct resection (La Barba G)

9.45–10.00 Minimally invasive approach: basic technical principles (Ruzzenente A)

10.00–10.15 Techniques for biliary anastomosis (Ardito F)

10.15–10.30 *Coffee break*

Hands on Cadaver Lab

10.30-13.00 Workshop on left lateral sectionectomy

13.00-13.30 *Lunch*

13.30-17.00 Workshop on minor resections and major hepatectomies

In parallel: Lap Trainer Session (exercise on basic laparoscopic skills)

20.00 *Apericena*

Day 3: 14 Dec. 2019 - PRINCIPLES OF SURGICAL ONCOLOGY

Faculty: R. De Luca, F. Cipriani, D. Fernandez, L. Lorenzon, F. Ratti, N. Russolillo

8.30-9.00 Principles of surgical oncology for hepatocellular carcinoma and cirrhosis (Cipriani F)

9.00-9.30 Principles of surgical oncology for liver metastases (colorectal and non-colorectal) (Russolillo N)

9.30-10.00 Principles of surgical oncology for intrahepatic cholangiocarcinoma and Klatskin tumour (Ratti F)

10.00-10.30 *Coffee break*

10.30-10.50 Preoperative optimization and preparation (Ratti F)

10.50-11.20 Key lecture: Immunonutrition in GI cancers: outcomes and cost-effectiveness (De Luca R)

11.20-11.40 Diagnosis and management of specific complications: bile leak (Russolillo N)

11.40-12.00 Diagnosis and management of specific complications: postoperative liver failure (Cipriani F)

12.00-12.20 Learning curve in hepatobiliary surgery (Lorenzon L)

12.20-12.40 Skype talk – Robotic hepatobiliary Surgery (Fernandez E)

12.40-13.00 Conclusions and final test

