IMAGE-GUIDED INTERVENTION / SURGERY | 2020

Course Directors
M. GIMÉNEZ AR
B. GALLIX FR
S. PERRETTA IT
P. PESSAUX FR

INSTITUTE OF IMAGE-GUIDED SURGERY

SEP 7 - 11

INTERNATIONAL FACULTY

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S. COTIN FR
H. COURTECUISSE FR
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E. SERRA AR
O. SOUBRANE FR
L. SWANSTRÖM US

In partnership with

STRASBOURG UNIVERSITY | FRANCE
PERCUTANEOUS IMAGE-GUIDED INTERVENTION / SURGERY COURSE

September 7 - 9

COURSE DIRECTORS
M. GIMÉNEZ AR
B. GALLIX FR
S. PERRETTA IT
P. PESSAUX FR

TRAINERS
F. DAVRIEUX AR
A. GARCIA MX
L. SOSA VALENCIA VE
J. VERDE AR

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COURSE DESCRIPTION

This course is designed for surgeons, radiologists and any physician specialists involved in image-guided interventions. These healthcare professionals are committed to providing patients with the best, least invasive treatment appropriate for their condition. This revolutionary program brings you updates on what is happening now and what is on the horizon in the field of image-guided percutaneous intervention. You will hear about the latest clinical advances and practise the latest training techniques with detailed descriptions of percutaneous operative abdominal procedures.

This course provides complete, timely, accurate, practical coverage of interventional image-guided percutaneous radiology techniques applied to abdominal diseases while presenting new developments in instrumentation and technology in the field.

COURSE OBJECTIVES

• To address the indications, techniques and results of most common procedures in abdominal percutaneous intervention
• To provide the knowledge required to integrate percutaneous intervention in the clinical practice
• To present the fundamental technical requirements of percutaneous intervention
• To describe potential pitfalls and complications of percutaneous surgical procedures
• To provide hands-on training to initiate participants into the practice of percutaneous surgery and/or enhance their expertise in this field
• To start the practice of endoscopy and endoscopic ultrasound in minimally invasive therapies

EDUCATIONAL METHODS

• Interactive theoretical and video sessions
• Clinical case discussions
• Live and pre-recorded demonstrations
• Hands-on sessions on live tissue, simulators and phantoms
PERCUTANEOUS IMAGE-GUIDED INTERVENTION / SURGERY

D A Y 1: MONDAY 7 SEPTEMBER, 2020

8.00 AM Registration and Welcoming of Participants

Option A and Option B

8.30 AM THEORETICAL SESSION

INTRODUCTION TO PERCUTANEOUS SURGICAL TECHNIQUES AND MATERIALS

• Biopsy Techniques
• Image-guided Drainage of Abdominal Collection
• Pelvic Drainage Access Selection: from the top, bottom or side?
• Feeding Ostomies: Indication and Techniques
• Enabling of Single-Site Robots in Abdominal Diseases
• Q & A

10.30 AM Coffee Break

11.00 AM CLINICAL CASE DISCUSSIONS

12.00 PM Option A: Familiarization with equipment and devices
Option B: Dry Lab Preparation, Hands-On Activities

1.10 PM Lunch at the Institute
Option B (Option A: afternoon free)

2.00 PM  HANDS-ON SESSION ON LIVE TISSUES AND SIMULATORS

• Development of Skills and Abilities
  • Puncture
  • Cannulation
  • Drainage
  • Stents
  • Embolization
  • Use of Optical Navigation Systems
  • Introduction to Endoscopy and Endoscopic Ultrasound (EUS)

6.00 PM  End of Session
PERCUTANEOUS IMAGE-GUIDED INTERVENTION / SURGERY

DAY 2:
TUESDAY 8 SEPTEMBER, 2020

7.30 AM  Evaluation of the Previous Day

Option A and Option B

8.00 AM  THEORETICAL SESSION
PERCUTANEOUS TECHNIQUES APPLIED TO THE GALLBLADDER AND BILIARY TREE

- Percutaneous Cholecystostomy
- Drainage of Biliary Tract: Technique & Results
- Biliary Lithiasis: Complex Cases
- Magnet Compression Anastomosis for Treatment of Total Biliary Anastomotic Stricture
- New Horizons in Biliopancreatic EUS
- New approaches in the treatment of bile duct injury
- Q&A

10.30 AM  Coffee Break

11.00 AM  LIVE AND PRE-RECORDED OPERATIVE DEMONSTRATIONS

1.00 PM  Lunch at the Institute
Option B (Option A: afternoon free)

2.00 PM  HANDS-ON SESSION ON LIVE TISSUES AND SIMULATORS

- Percutaneous and Transjugular Liver Biopsy
- Percutaneous Drainage of Intra-Abdominal Collections
- Percutaneous Management of Strictures
- Vascular embolization and Portal Vein Embolization
- Feeding Ostomies Gastrostomy, Jejunostomy
- Cholecystostomy and Biliary Drainage
- Use and Placement of Metallic Stents
- Transjugular Liver Procedures and Digestive Stents
- Introduction to Therapeutic Endoscopy and Endoscopic Ultrasound

6.00 PM  End of Session
PERCUTANEOUS IMAGE-GUIDED INTERVENTION / SURGERY

DAY 3: WEDNESDAY 9 SEPTEMBER, 2020

7.30 AM Evaluation of the Previous Day

Option A and Option B

8.00 AM THEORETICAL SESSION
PERCUTANEOUS TECHNIQUES APPLIED TO BENIGN AND MALIGNANT PANCREATIC AND LIVER DISEASES

- Transjugular Intrahepatic Portosystemic Shunt (TIPS)
- Transarterial Chemoembolization (TACE)
- Preoperative Portal Vein Embolization alone with Biliary Drainage and compare with Simultaneous Hepatic Vein Embolization in Klatskin Tumor
- Management of Acute Pancreatitis
- Image-Guided Pancreatic Drainage: Pathogenesis Issues affecting Fluid Collection Recurrence
- Q & A

10.00 AM Coffee Break

- Portal Vein Embolization: Techniques and Results
- Venous Deprivation
• How Image-Guided Percutaneous Treatments are Redefining the Future of Surgery
• Research in Percutaneous Image-Guided Surgery
• Q&A

12.30 PM  CLOSING LECTURE
1.00 PM  Lunch at the Institute
ABLATION THERAPIES

ABLATION THERAPIES COURSE
September 9 - 11

COURSE DIRECTORS
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O. SOUBRANE FR
This post-course is designed for surgeons, radiologists, gastroenterologists, urologists and any practitioners involved in image-guided interventions and tumor ablation therapies.

Today, minimally invasive tumor ablation therapies compete with and complement conventional resective surgery. It is anticipated that in a few years, ablation therapies will replace many of the current surgical procedures. Therefore, the need to understand the indications for ablation and the types of available energies and navigation systems is of great interest if not essential for the practitioner of the 21st century.

This course provides complete, timely, accurate, practical coverage of ablation techniques applied to different diseases while presenting new developments in instrumentation and technology as medical robotics and smart technologies may be major drivers in this field in the near future.

**COURSE OBJECTIVES**

- To understand and practise different types of image-guidance for ablation
- To provide the knowledge required to understand and test the various sources of energy for the destruction of tumors
- To provide the knowledge required to select the best method of ablation for each organ and sector
- To provide the knowledge required for understanding and identifying the indications, contra-indications and complications of these therapies

**EDUCATIONAL METHODS**

- Interactive theoretical and video sessions
- Clinical case discussions
- Live and pre-recorded demonstrations
- Hands-on sessions on live tissue, simulators and phantoms
ABLATION THERAPIES

DAY 1:
WEDNESDAY 9 SEPTEMBER, 2020

1.30 PM  Registration and Welcoming of Participants

Option A and Option B

2.00 PM  THEORETICAL SESSION
          GENERAL ABLATION

          • Experience with Angio-CT for Interventional Oncology
          • Ablation Modalities: Microwave (MWA), Radiofrequency
            Ablation (RFA), Irreversible Electroporation (IRE)
          • Ablation Modalities: Cryoablation
          • How to Analyze Results? & Follow up
          • Q & A

3.45 PM  Coffee Break

ABLATION BEYOND THE LIVER

• Pancreas
• Kidney & Adrenal
• Lung
• Prostate
• Thyroid
• Q & A

6.00 PM  End of Session

8.00 PM  Dinner in honor of the participants
ABLATION THERAPIES

DAY 2:
WEDNESDAY 9 SEPTEMBER, 2020

8.00 AM Evaluation of the Previous Day

Option A and Option B

8.30 AM LIVER ABLATION, HEPATOCYTOPLASMA
CARCINOMA (HCC)

• Combination of Transarterial Chemoembolization
  (TACE) and RFA
• Liver Ablation in HCC
• In which patient I indicate the operation, in which ablation
  and in which liver transplant by HCC
• Management of Ablation Complications
• Q & A

10.15 AM Coffee Break

10.35 AM BEYOND ABLATION

• Use of RFA in Liver Resection
• Liver Fiduciaries: Techniques and Results

11.35 AM Group Photo

11.40 AM CLINICAL CASE DISCUSSIONS
ON THE LIVER
1.05 PM  Lunch at the Institute

Option B

2.00 PM  HANDS-ON SESSION ON LIVE TISSUE AND SIMULATORS

- RFA, MWA and IRE Techniques of Liver, Kidney And Pancreas
- Lung CT MWA
- US-Guided Laparoscopic Liver & Pancreas MWA
- Use of MRI System
- Optical and Electromagnetic Navigation System

6.30 PM  End of Session
8.00 AM  Evaluation of the Previous Day

Option A and Option B

8.30 AM  LIVER ABLATION, COLORECTAL LIVER METASTASES

• Radioembolization
• Role of Local Therapy on the Management of Colorectal Liver Metastasis: A Literature Update
• Adjuvant Hepatic Arterial Infusion Pump Chemotherapy after Resection of Colorectal Liver Metastases
• Colorectal Liver Metastasis and Molecular Biology: Impact on Outcomes of Loco-Regional Therapies
• Q & A

10.15 AM  Coffee Break

10.35 AM  FUTURE TECHNOLOGICAL CHALLENGES

• The Future of Surgery is Flexible and Robotic
• How I see the Future of Liver Surgery in 5 years
• Use of Technology in Ablation. Does it Change the Outcomes?
• Q & A

1.00 PM  Lunch at the Institute

2.00 PM  End of Course
Built in the 18th century, and renovated by the IRCAD with a contemporary flair true to the style of the compounds.

SPECIAL OFFER
Register for the course and benefit from our hotel package

CANCELLATION POLICY - REGISTRATION
Should you wish to cancel or postpone your registration, please notify us in writing by e-mail to: training@ihu-strasbourg.eu or by fax +33 3 90 41 36 99

Please note that no refund nor postponement will be considered for any cancellation received less than 6 weeks prior to the course even if Visa application has been denied.

CANCELLATION POLICY - HOTEL ACCOMMODATION
Should you wish to cancel or change your hotel accommodation, please notify us in writing by e-mail to: training@ihu-strasbourg.eu or by fax +33 3 90 41 36 99

Please do not contact hotels directly.
• Cancellation received earlier than 10 days before the course starts is eligible for full hotel refund.
• Cancellation received later than 10 days before the course starts is eligible for hotel refund - less one night deposit.

Located 50 meters away from the Institute

In case of unavailability, we shall do our best to reaccommodate you in a nearby hotel of equal standing.
IMAGE GUIDED SURGERY WEEK I 2020

English-Speaking courses

REGISTRATION FORM

Dr./Prof. Family Name ______________________________________________________
First name ________________________________________________________________
Date of Birth _____________  Place of Birth _____________ Nationality ______________
Professional address _______________________________________________________
Zip Code ________________________ City _____________________________________
Country __________________________________________________________________
Phone __________________ Mobile Phone _____________________________________
E-mail __________________________________________________________________

**OPTION A: Live or Pre-Recorded Operative Demonstrations + Theoretical Sessions**

**OPTION B: OPTION A + Hands-On training (includes training on live tissue)**

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<th>COURSE</th>
<th>PERCUTANEOUS IMAGE-GUIDED INTERVENTION / SURGERY</th>
<th>ABLATION THERAPIES</th>
<th>FULL IGI/S WEEK</th>
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<tbody>
<tr>
<td>OPTION A</td>
<td>☐ 950 €</td>
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Deadline for hotel booking is 10 days prior to the course. Past this date, the IHU Strasbourg cannot guarantee room availability. Bookings are made on a first-come, first-served basis.

**Early bird registration: 30% discount** for registrations confirmed before to April 05, 2020.

**CANCELLATION POLICY**

Should you wish to cancel or postpone your registration, please notify us in writing by e-mail to: training@ihu-strasbourg.eu or by fax +33 3 90 41 36 99. Request for cancellation or postponement of your course must be made no less than 6 weeks before the start date, even in the event of visa denial.

**PAYMENT**

Instructions for payment (bank transfer or check in €) will be provided upon receipt of your registration form. Please email this form to training@ihu-strasbourg.eu

Please bill my credit card:  

VISA  

MASTER CARD  

N° I I I I I I I I I I I I I I I I I I I I Expiry Date I I I I I I I I I I I I I I Security code I I I I I I

I accept the cancellation policy  

Name & Signature:
There is no better place to learn:
IRCAD & IHU STRASBOURG: CLUSTER OF EXCELLENCE


CME ACCREDITATION AND COURSE ENDORSEMENTS

An application has been made to the EACCME® for CME accreditation of this event.

This course meets the guidelines as established in the “Framework for Post-Residency Surgical Education and Training” and is endorsed at the Gold level by the Society of American Gastrointestinal Endoscopic Surgeons (SAGES).

The IRCAD/IHU has been accredited as a comprehensive Accredited Education Institute (AEI) by the American College of Surgeons (ACS).