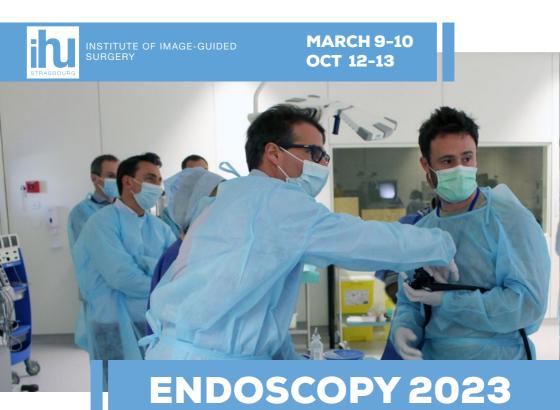
THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE I ENTEC-IHU 2023

Making Training in EUS Easier



Course Director

L. SOSA VALENCIA FR/VE

Course Co-Directors

A. BADAOUI BE J. HUPPERTZ FR F. HABERSETZER FR

Course Innovation Advisor

L. SWANSTRÖM US

INTERNATIONAL EXPERTS

MARCH 9-10

C. BINDA IT J.B. CHEVAUX FR L. CZAKÓ HU E. PÉREZ-CUADRADO ROBLES ES B. NAPOLEON FR J.W. POLEY NL M. SHARMA IN

OCTOBER 12-13

G. VANBIERVLIET FR P. ARCIDIACONO IT C. ARDENGH BR J.C. SUBTIL ÍÑIGO ES R.P. VOERMANS NL



STRASBOURG UNIVERSITY FRANCE

ADVANCED THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE | ENTEC-IHU

COURSE	
MARCH 9-	10, 2023
OCTOBER	12-13, 2022

COURSE DIRECTOR L. SOSA VALENCIA FR/VE

COURSE CO-DIRECTORS A. BADAOUI BE J. HUPPERTZ FR F. HABERSETZER FR

COURSE INNOVATION ADVISOR L. SWANSTRÖM US

In partnership with:



With the support of:









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INTERNATIONAL EXPERTS

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HIGHLIGHT FEATURES

Making EUS Easier

Traditional surgical management has been transformed into a new non-invasive technique known as Therapeutic Endoscopic Ultrasound (EUS). This complex technique which has a steep learning curve needs specific training even in expert hands. Generally, hands-on training courses offered during seminars and conferences are basic and there remains an ever-increasing demand for skills acquisition to handle a growing range of EUS procedures.

We are proposing a learning program using live tissue models with simulated pathologies as found in patients. As the therapeutic application of EUS continues to expand and evolve, there is a growing need for such an exciting and realistic way of learning!

Endoscopic ultrasound (EUS) has evolved into a valuable therapeutic modality, therefore to make it more accessible, we can recreate the clinical experience on our experimental imaging platform with the latest EUS equipment, radiological C-Arm, CT-Scanner and Angio-CT similar to clinical practic. This unique IHU Strasbourg teaching facility provides enhanced imaging of simulated pathological models before EUS intervention.

We are proposing models adapted for multiple interventions:

- Multiple intra-abdominal collections with different contents simulating cystic lesions for EUS-assisted drainage
- · Multiple lymph nodes are present for tissue acquisition, radiofrequency ablation (RFA) treatment and fiducial placement
- Biliary dilation for assisted EUS-guided biliary drainages: choledochoduodenostomy, hepaticogastrostomy and gallbladder drainage under EUS guidance.

We are able to use the latest EUS equipment currently available for patients.

This educational program with mentoring from international experts using high fidelity simulated animal models (HiFiSAM) would allow endosonographers to progress from ERCP and diagnostic EUS to therapeutic EUS.

Join us for this unique learning experience !

7 HOURS of Hands-On with simulated models

COURSE DESCRIPTION

This two-day course is designed for endosonographers and interventional endoscopists. In an era of new minimally invasive treatments, the success of diagnostic EUS in biliopancreatic pathologies and technologic advances has enhanced the interest of endosonographers in performing therapeutic EUS as an effective diagnostic and therapeutic tool in the endoscopic room. This course, which includes theory, live transmission and hands-on, using live simulated models from the experimental platform, is the perfect introduction to the use of therapeutic endosonography in daily endoscopic practice.

COURSE OBJECTIVES

- Perform hands-on therapeutic EUS-guided techniques under expert guidance and learn all definitive current newly validated indications.
- Provide the knowledge required to integrate EUS into clinical practice.
- Identify different materials and systems used for different therapeutic EUS procedures.
- Identify pathological endoscopic ultrasound images like submucosal tumors, lymph nodes, different fluid collections, common bile duct dilatation and intrahepatic bile duct dilatation.
- Understand the real clinical settings of therapeutic endosonography with new linear echoendoscopic equipment, settings like elastography, contrastenhanced imaging techniques, harmonics and high-resolution Doppler images.
- Address the indications, techniques and results of the most common procedures in therapeutic EUS including radiofrequency ablation.
- Present the fundamental technical requirements of EUS.
- Describe potential pitfalls and complications of EUS.
- Perform experimental therapeutic EUS as vascular embolization with glue injection to introduce endoscopic ultrasound in minimally invasive therapies.

PARTICIPANT PROFILE & REGISTRATION OPTIONS

Group A:

This group is open to a maximum of 16 participants of which 8 are doctors each accompanied with a nurse/assistant at no extra charge. Doctors should have confirmed experience in diagnostic EUS with fine-needle biopsy and interventional endoscopy (>3 years) and/or confirmed experience in ERCP (>3 years) and abdominal ultrasound (>4 years).

Group B:

This group is open to students, doctors and nurses interested in therapeutic EUS.

EDUCATIONAL METHODS

- TEUS hands-on training on live tissue simulated models using echoendoscopy stations with scanner, C-ARM and latest generation MRIscanner used as therapeutic imaging modalities.
- More than 7 hours of TEUS hands-on training on ex-vivo models and live simulated models (Group A).
- More than 3 hours of live transmissions from the experimental imaging platform (Group B).
- Interactive theoretical and video sessions between Faculty and course participants, with conference on hot topics.
- Difficult clinical case discussions with presentations from the participants.

LIST OF PROCEDURES TO BE PERFORMED DURING COURSE (TEAMS OF 2 PHYSICIANS)

- Multiple simple and complex cystogastrostomies cold and hot systems
- Gallbladder drainage
- CBD gastrostomy (Choledochal drainage)
- Radiofrequency ablation
- FNB & FNA
- Portal pressure measurement
- G-G anastomosis
- Fiducial placement
- Glue and coil embolization
- Hepaticogastrostomy (optional)
- Neurolysis of celiac ganglia
- Microbiopsy sampling





ADVANCED THERAPEUTIC ENDOSCOPIC ULTRASOUND COURSE

DAY 1	
7.45 AM	Registration & Welcome
8.15 AM	INTRODUCTION
	 Presentation: Models and Animal Anatomy
	Presentation: Animal Care
9.30 am	Coffee Break
9.45 AM	LECTURES BY EXPERTS - TEUS
	 Pancreatic pseudocysts and fluid collection drainage
	with necrosectomy.
	 EUS-guided biliary drainage (EUS-BD),
	hepaticogastrostomy, gallbladder drainage
	and choledochoduodenostomy.
	Enteral anastomosis and treatment of surgical
	complications. • Radiofrequency ablation, neurolysis, fiducial placement,
	portal pressure measurement, glue and coil injection.
	Tissue acquisition (EUS-TA) by FNA and FNB. Different
	types of solid tumors and lymph nodes.
	Pancreatic cystic lesions diagnosis. FNB-FNA,
	endomicroscopy and microbiopsy.
	 Training in EUS, the ESGE guidelines
	• Future of EUS: Is it Possible to Make it Easier?
11.30 AM	COLLOQUIUM ON SPECIFIC TOPIC OF THERAPEUTIC EUS

ADVANCED THERAPEUTIC ENDOSCOPIC ULTRASOUND COURSE

		DAY 2		
1.00 pm	Lunch at the Institute	8.30 am	Welcome	
2.00 рм	 HANDS-ON SESSION ON EX-VIVO MODELS Cystogastrostomy Drainage Lumen-Apposing Metal Stents (LAMS) and Plastic Stents 	8.45 am	Discussion on Previous Day Activities – Case Discussions	
	Material Demonstration: Cystogastrostomy and Portal	9.15 ам	Group Preparation	
4.25 рм	Pressure Measurement PRESENTATION OF EQUIPMENT	9.30 ам	EXPERIMENTAL PLATFORM	CONFERENCE ROOM
	 Equipment: Echoendoscopes and EUS Towers EUS Therapeutic Devices - Accessories 		Group A	Group B
5.00 рм	End of Day 1			
7.45 рм Social Event in Honour of participants			HANDS-ON SESSION with HiFiSAM *	 Live Cases* Case Discussions/ Pre-Recorded Cases

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1.00 PM Lunch at the Institute

*HiFiSAM : High Fidelity Simulated Animal Model *Interactive video transmission from the experimental platform to the conference room

Pancreatic radiofrequency ablation

ADVANCED THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE | ENTEC-IHU

English-Speaking Course

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		

*Early bird or SFED & CFE members course discount 20% *This offer cannot be combined with any other discount

HOTEL (Optional)

A list of our partner hotels can be provided on request. To benefit from preferential rates proposed to the IHU, reservations can be made with the hotel directly using the IHU Strasbourg as a reference. Payments are to be made directly to the hotel. Please familiarize yourself with the cancellation policy for the hotel selected. In most cases, no refund nor postponement will be considered for any cancellation made less than 6 weeks prior to the course. We remain available should you need further assistance.

CANCELLATION POLICY

Should you wish to cancel or postpone your registration, please notify us in writing by e-mail to: <u>education@ihu-strasbourg.eu</u>. 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.

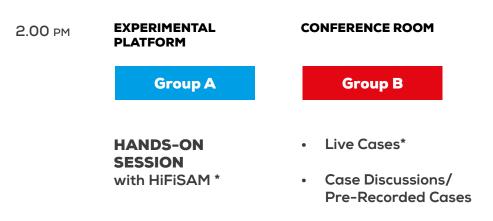
PAYMENT

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



I accept the cancellation policy

Name & Signature:



5.30 PM **DISCUSSION**

Evaluation of course by participants and experts

6.00 PM End of course



There is no richer way of learning: IHU STRASBOURG: STRIVING FOR EXCELLENCE IN HEALTHCARE

Faculty Panel

L. Sosa Valencia FR/VE • M. Abu-Suboh Abadia ES • M. AL - Haddad US • V. Arantes BR • P. Arcidiacono IT • C. Ardengh BR • A. Badaoui BE • C. Binda IT • E. Bories FR · I. Boškoski IT · M. Bronswijk BE · F. Caillol FR · M. Canto US · S. Carrara IT • U. Chaput FR • J.-B. Chevaux FR • C. Coluccio IT • L. Czakó HU • C. De Angelis IT • P. Deprez BE • V. Dhir IN • F. Di Matteo IT • G. Donatelli IT • P. Eisendrath BE • P. Familiari IT • P. Fockens NL • A. Gelrud US • M. Giovannini FR • J.M. Gonzalez FR • P. Grandval FR • R. Gupta IN • F. Habersetzer FR • J. Huppertz FR.G. Johnson GB.M. Kahaleh US.V. Kaul US.M. Khashab US.S. Koch FR. A. Larghi IT • A. Lisotti IT • B. Mangiavillano IT • F. Marcaccio AR • C. Micames PR • P. Moutinho-Ribeiro PT • B. Napoleon FR • L. Palazzo FR • M. Palazzo FR • M. Pérez-Cuadrado-Robles ES • M. Pérez Miranda ES • M. Petrone • IT J.-W. Poley NL • T. Ponchon FR • T. Praticò IT • I. Raijman US • J. Rivory FR • C. Robles-Medranda EC • L. C. Sabbagh CO • A. Sahai CA • C. Schlag DE • D.-W. Seo KR • M. Sharma IN · U. Siddigui US · S.N. Stravropoulos US · J.-C. Subtil Íñigo ES · L. Swanström US • A. Teoh HK • C. Thompson US • M. Topazian US • A. Tyberg US · S. Van Der Merwe BE · G. Vanbiervliet FR · P. Vilmann DK · R.P. Voermans NL • M. Wallace US

CME ACCREDITATION AND COURSE ENDORSEMENTS

An application has been made to the $\mathsf{EACCME}^{\scriptscriptstyle \otimes}$ 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).



In partnership with the European Association for Endoscopic Surgeons (EAES)





INSTITUTE OF IMAGE-GUIDED SURGERY

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