INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE I ITEC-IHU 2021

Making Training in EUS Easier

Course Director

L. SOSA VALENCIA FR/VE

Course Co-Directors

J. HUPPERTZ FR

L. SWANSTRÖM US

F. HABERSETZER FR

BYTHE



INSTITUTE OF IMAGE-GUIDED SURGERY

JUNE 2-4 DEC 8-10

ENDOSCOPY 2021



INTERNATIONAL EXPERTS

JUNE

M. AL - HADDAD US

A. BADAOUI BE

P. GRANDVAL FR V. KAUL US

V. KAUL US

L.C. SABBAGH CO

P. VILMANN DK

DECEMBER

C. ARDENGH BR

P. DEPREZ BE

M. KAHALEH US

F. MARCCACIO AR

C. MICAMES US

J.-W. POLEY NL



ADVANCED INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE I ITEC-IHU

COURSE

JUNE 2-4, 2021 DEC 8-10, 2021

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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 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, 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. 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 present for biopsies (FNB-FNA), radiofrequency (RF) treatment and fiducial placement
- Biliary dilation for assisted EUS-guided biliary drainages: choledochal, gallbladder, and left intrahepatic biliary tree

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

This educational program with mentoring from international experts using pathological live tissue models would allow endosonographers to progress from ERCP and diagnostic EUS to therapeutic EUS.

Join us for this unique learning experience!



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COURSE DESCRIPTION

This three-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 32 participants of which 16 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 simulated live tissue models using echoendoscopy stations with scanner, C-ARM and latest generation MRI-scanner 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.
- 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)

- Cystogastrostomy
- CBD gastrostomy (Choledochal drainage)
- Gallbladder drainage
- Hepaticogastrostomy
- Radiofrequency ablation
- Fiducial placement
- Glue embolization
- FNB & FNA
- Neurolysis of celiac ganglia
- Portal pressure measurement and microbiopsy technique







ADVANCED INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND COURSE

DAY 1

7.45 AM **Registration & Welcome** 8.15 AM INTRODUCTION • Presentation: Models and Animal Anatomy Presentation: Animal Care • Equipment: Echoendoscopes and EUS Towers • EUS Therapeutic Devices 10.30 AM **Coffee Break** 10.45 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. 12.15 pm **PRESENTATION OF SHORT CASES**

1.00 PM Lunch at the Institute

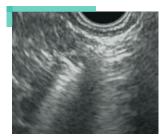
 Cystogastrostomy Drainage Lumen-Apposing Mental Stent (LAMS) Learning

HANDS-ON SESSION ON EX-VIVO MODELS

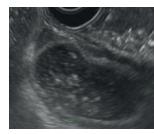
4.30 PM COURSE DEBRIEFING
Evaluation of course by participants

5.00 PM End of Day 1

2.00 PM



Pancreatic radiofrequency ablation



Cystic drainage-cystogastrostomy



ADVANCED INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND COURSE

DAY 2

1.00 PM

8.30 AM	Welcome		2.00 рм	EXPERIMENTAL PLATFORM	CONFERENCE ROOM
8.45 AM	Discussion on Previous Day Activities			Group A2	Group A1
9.15 AM	Group Preparation				Group B
9.30 AM	EXPERIMENTAL PLATFORM	CONFERENCE ROOM		HANDS-ON SESSION	• Live Cases*
					 Case Discussions/ Pre-Recorded Cases
	Group A1	Group A2			Pre-Recorded Cases
	HANDS-ON • Live SESSION • Cas		5.30 PM	DISCUSSION	
		Group B		Evaluation of course by participants and experts	
		• Live Cases*	6.30 pm	End of Day 2	
		 Case Discussions/ Pre-Recorded Cases 	7.45 рм	Social Event in Honour of participants	
			Maria Carlo	Or Section	AND ST. SERVICE .

Lunch at the Institute

^{*}Interactive video transmission from the experimental platform to the conference room

ADVANCED INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND COURSE

DAY 3

8.30 AM	Welcome		2.00 pm	EXPERIMENTAL PLATFORM	CONFERENCE ROOM
8.45 AM	Discussion on Previous Day Activities			Group A1	Group A2
9.15 AM	Group Preparation				Group B
9.30 AM	EXPERIMENTAL PLATFORM	CONFERENCE ROOM		HANDS-ON SESSION	Live Cases*Case Discussions/
	Group A2	Group A1			Pre-Recorded Cases
		Group B • Live Cases*	5.30 PM DISCUSSION		
	HANDS-ON SESSION			Evaluation of course by participants and experts	
		 Case Discussions/ Pre-Recorded Cases 	6.30 рм	CONCLUSION	
			6.45 рм	End of Course	

^{1.00} PM Lunch at the Institute

^{*}Interactive video transmission from the experimental platform to the conference room

ADVANCED INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE I ITEC-IHU

English-Speaking Course

REGISTRATION Dr./Prof. Family No	ame				
First name Date of Birth Professional addre	Place	of Birth	Nati	onality	
Zip Code Country		City			
Phone E-mail	Mobile	Phone			
COURSE REGIS		For June, 2-4 Early Bird deadli		For Decem	
	opy Nurse or Assis	stant (doctor) inc	luded		
Name of nurse/ass	istant:				
Group B: Auditorion lectures	um with live trans s and cases preser		oerimental pla	tform	757 €
Course	Discount 25% f	for Early bird	or SFED & C	FE members	

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: training@ihu-strasbourg.eu. 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	VISA MASTER CARD PAYPA	AL PayPak
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■ I accept the cancellation policy	Name & Signature:	1.4

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

Faculty Panel

L. Sosa Valencia FR/VE • M. Al-Haddad US • V. Arantes BR • C. Ardengh BR • A. Badaoui BE • E. Bories FR • I. Boškoski IT • F. Caillol FR • S. Carrara IT • U. Chaput FR • J.-B. Chevaux FR • P. Deprez BE • F. Di Matteo IT • G. Donatelli IT • P. Eisendrath BE • P. Familiari IT • A. Gelrud US • M. Giovannini FR • J.-M. Gonzalez FR • P. Grandval FR • R. Gupta IN • F. Habersetzer FR • J. Huppertz FR • M. Kahaleh US • V. Kaul US • M. Khashab US • S. Koch FR • A. Larghi IT • B. Mangiavillano IT • F. Marcaccio AR • C. Micames US • A.-S. A. Monder ES • P. Moutinho Ribeiro PT • M. Palazzo FR • L. Palazzo FR • M. Pérez Miranda ES • J.-W. Poley NL • T. Ponchon FR • I. Raijman US • C. Robles-Medranda EC • L. C. Sabbagh CO • A. Sahai CA • C. Schlag DE • D.-W. Seo KR • M. P. Sharma IN • S. N. Stravropoulos US • L. Swanström US • A. Teoh HK • M.Topazian US • A. Tyberg US • S. Van Der Merwe BE • P. Vilmann DK • M. B. Wallace US

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)**.





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









INSTITUTE OF IMAGE-GUIDED

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For further details, please contact: training@ihu-strasbourg.eu