

INTERNATIONAL THERAPEUTIC ENDOSCOPIC ULTRASOUND (EUS) COURSE | ITEC-IHU 2025

Make Training in TEUS Easier

REGISTRATION



Feb 26-28

Jun 4-6

Dec 3-5

Three
Events in

2025



INSTITUTE OF IMAGE-GUIDED
SURGERY

Course Director
L. SOSA VALENCIA FR/VE

Course Co-Directors
A. BADAOU BE
J. HUPPERTZ FR
P. E. MAYER FR
M. PALAZZO FR

THERAPEUTIC ECHOENDOSCOPY



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FEBRUARY 26-28
JUNE 4-6
DECEMBER 3-5

Faculty

FEBRUARY 26-28, 2025

L. CZAKÓ HU
R. GINCUL FR
G. JOHNSON GB
M. PALAZZO FR
PE MAYER FR
P. VILMANN DK

JUNE 4-6, 2025

M. ABU-SUBOH ABADIA ES
P. ARCIDIACONO IT
A. BADAOU BE
J. HUPPERTZ FR
S. LAKHTAKIA IN
C. SCHLAG GE
J. VAN HOOFT NL

DECEMBER 3-5, 2025

M. AL-HADDAD US
A. BADAOU BE
A. FACCIORUSSO IT
M. GONZALEZ ES
P. GRANDVAL FR
M. PALAZZO FR
I. TARANTINO IT

INTERNATIONAL EXPERTS

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 • **I. Boškoski** IT • **M.**
Bronswijk BE • **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
• **A. Facciorusso** IT • **P. Fockens** NL • **A. Gelrud** US • **R. Gincul** FR • **J.M. Gonzalez** FR •
M. Gonzalez ES • **P. Grandval** FR • **J. Huppertz** FR • **G. Johnson** GB • **M. Kahaleh** US •
V. Kaul US • **M. Khashab** US • **S. Koch** FR • **S. Lakhtakia** IN • **A. Lisotti** IT • **B.**
Mangiavillano IT • **F. Marcaccio** AR • **P.E. Mayer** FR • **C. Micames** PR • **P. Moutinho-**
Ribeiro PT • **L. Palazzo** FR • **M. Palazzo** FR • **E. Pérez- Cuadrado-Robles** ES • **M. Pérez**
Miranda ES • **M. Petrone** IT • **J.W. Poley** NL • **C. Praticò** IT • **I. Raijman** US • **C. Robles-**
Medranda EC • **L.C. Sabbagh** CO • **A. Sahai** CA • **C. Schlag** DE • **D.W. Seo** KR • **M.**
Sharma IN • **U. Siddiqui** US • **J.C. Subtil** ES • **I. Tarantino** IT • **A. Teoh** HK • **C. Thompson**
US • **A. Tyberg** US • **S. Van Der Merwe** BE • **G. Vanbiervliet** FR • **J. Van Hooft** NL • **P.**
Vilmann DK • **R.P. Voermans** NL • **M. Wallace** US

A UNIQUE TEUS LEARNING EXPERIENCE

Traditional surgical management has been transformed into a new non-invasive technique known as Therapeutic Endoscopic Ultrasound (TEUS). 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 like in clinical practice. The unique IHU Strasbourg teaching facility provides enhanced imaging of simulated pathological models before EUS intervention.

+ 14 HOURS

of Hands-On
with simulated
models

Join us
for this unique learning
experience!

We are proposing models adapted for multiple interventions:

- Multiple intra-abdominal collections with different contents simulating simple and complex peri gastric cystic lesions for EUS-assisted drainage,
- Presence of multiple lymph nodes for tissue acquisition and radiofrequency ablation (RFA treatment),
- Biliary dilation for assisted EUS-guided biliary drainages as choledochoduodenostomy, hepaticogastrostomy and gallbladder drainage under EUS guidance moreover G-J anastomosis,
- Vascular interventions, neurolysis and portal pressure measurement.

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!

Leandro Sosa Valencia

COURSE DESCRIPTION



This course, with includes theory, discussion with experts and intensive 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

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 have enhanced the interest of endosonographers in performing therapeutic EUS as an effective diagnostic and therapeutic tool in the endoscopic room.

- 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 echoendoscopy with new linear equipment, settings like elastography, contrast enhanced 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 16 experienced participants, who can be accompanied with a nurse or assistant doctor free of 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 A participation includes complete training with hands-on, lectures and clinical case discussion.

Group B

This group is open to students, doctors and nurses interested in therapeutic EUS. Group B participation includes lectures, clinical case discussion, and hands-on observation.

EDUCATIONAL METHODS

TEUS hands-on training on live tissue simulated models using echoendoscopy stations with latest generation therapeutic imaging modalities.

- More than 14 hours of TEUS hands-on training on ex-vivo models and live simulated models.
- Interactive theoretical and video sessions between Faculty and course participants, with conferences 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 cyst gastrostomies – cold and hot systems
- Gallbladder drainage
- CBD gastrostomy (Choledochal drainage)
- Radiofrequency ablation
- FNB & FNA
- Portal pressure measurement
- G-J anastomosis
- Glue and coil embolization
- Hepaticogastrostomy (optional)
- Neurolysis of celiac ganglia
- Microbiopsy sampling

+ 10 PROCEDURES



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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 and through the needle micro biopsy.*
- *Training in EUS, the ESGE guidelines*
- *Future of EUS: Using Artificial Intelligence to make it easier.*

11.30 am **COLLOQUIUM ON SPECIFIC TOPIC OF THERAPEUTIC EUS.
INTERACTIVE DEEP DISCUSSION.**

1.00 pm **LUNCH AT THE INSTITUTE**

2.00 pm **HANDS-ON SESSION ON EX-VIVO MODELS**

- *Cystogastrostomy Drainage Lumen-Apposing Metal Stents (LAMS) and Plastic Stents*
- *Material Demonstration: Cystogastrostomy and Portal Pressure Measurement*

4.25 pm **PRESENTATION OF EQUIPMENT**

- *Equipment: Echoendoscopes and EUS Towers and Scopes*
- *EUS Therapeutic Devices – Accessories - Materials*

5.00 pm **END OF DAY 1**

DAY 2

| | |
|---------|---|
| 8.30 am | WELCOME |
| 8.45 am | DISCUSSION ON PREVIOUS DAY ACTIVITIES – CASE DISCUSSION |
| 9.15 am | GROUP PREPARATION |
| 9.30 am | HANDS-ON SESSION <i>with HiFiSAM*</i> |
| 1.00 pm | LUNCH AT THE INSTITUTE |
| 2.00 pm | HANDS-ON SESSION <i>with HiFiSAM*</i> |
| 5.30 pm | DISCUSSION |
| 6.30 pm | END OF DAY 2 |



* **HiFiSAM**: High Fidelity Simulated Animal Model

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DAY 3

| | |
|---------|---|
| 8.30 am | WELCOME |
| 8.45 am | DISCUSSION ON PREVIOUS DAY ACTIVITIES – CASE DISCUSSION |
| 9.15 am | GROUP PREPARATION |
| 9.30 am | HANDS-ON SESSION <i>with HiFiSAM*</i> |
| 1.00 pm | LUNCH AT THE INSTITUTE |
| 2.00 pm | HANDS-ON SESSION <i>with HiFiSAM*</i> |
| 5.00 pm | DISCUSSION |
| 5.30 pm | END OF COURSE |



REGISTRATION & PUBLIC PRICES

REGISTRATION



Flash the QRCode to access the ITEC course pre-registration page on the IHU-Strasbourg website.

Early bird or SFED & CFE members course discount 20%

*This offer cannot be combined with any other discount, for Early bird deadlines, please visit our website.

GROUP A

Complete training with hands-on, lectures and clinical case presentations.

Group open to 16 experienced participants, who can be accompanied with a nurse of assistant doctor free of charge. Doctors with confirmed experience in diagnostic EUS with fine-needle biopsy and interventional endoscopy (>3 years) and/or confirmed experience in ERCP (>3years) and abdominal ultrasound (>4 years).

Price: doctor's nurse/assistant is included (except social event at participant's charge)

| | | |
|--|-------|---------------|
| Complete Hands-on practice with lectures and case presentation | ----- | 3 250€ |
| Early bird | ----- | 2 600€ |

GROUP B

Auditorium with lectures, clinical case discussion, and hands-on observation.

Open to students, doctors and nurses interested in Therapeutic EUS.

Price:

| | | |
|------------|-------|-------------|
| Full price | ----- | 920€ |
| Early bird | ----- | 736€ |

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CME ACCREDITATION AND COURSE ENDORSEMENTS

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

An application has been made to receive UEG
endorsement for educational events.

This course meets the guidelines on EUS training
as established by the European Society
of Gastrointestinal Endoscopy (ESGE).



+ 14 HOURS
of Hands-On
with simulated models

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



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