



THORACIC SURGERY

ADVANCED COURSES

March 16-18

VIDEO-ASSISTED
THORACIC SURGERY - VATS & RATS

September 14-15

ROBOTIC-ASSISTED
THORACIC SURGERY - RATS



THE BEST TRAINING CENTER IN THE WORLD

IRCAD is one of the leading surgical education providers in the world, an ambassador of French excellence in minimally invasive surgery. The Institute offers unique training facilities, and welcomes over 8,800 surgeons from all surgical specialties every year. The remarkable involvement and self-commitment of more than 800 international experts, who are recognized as international opinion leaders, is key to the Institute's success.

FULL IMMERSION IN THORACIC SURGERY

March 16-18

VIDEO-ASSISTED THORACIC SURGERY VATS & RATS

This curriculum is designed to meet the requirements of experienced thoracoscopic surgeons who are considering starting a VATS program. Fellows and residents as well as thoracic surgeons with limited experience in advanced thoracoscopic procedures will also benefit from sharing their experience with experts and colleagues.

The course will focus on technological aspects, approaches, use and location of access incisions, all major pulmonary resections including segmentectomies and advanced procedures, tips and tricks, and analysis and management of complications.

September 14-15

ROBOTIC-ASSISTED THORACIC SURGERY RATS

For nearly 30 years, advances in minimally invasive surgery have demonstrated several benefits for patients. Robotic surgery has emerged as the most advanced minimally invasive platform, with notable improvements in thoracoscopic surgery.

The objectives of this course are: to describe the latest practices in the standardization of robotic thoracic procedures, to provide a blueprint to build robotic surgical teams, and to emphasize non-technical skills that are important to develop a robotic thoracic program.

COURSE CANCELLATION POLICY

Should you wish to cancel or postpone your registration, please notify us by email at: cancellation@ircad.fr. Please note that no refund or postponement will be considered for any cancellation received less than 6 weeks before the course starts, even if Visa application has been denied.

INTERNATIONAL FACULTY OF EXPERTS

FACULTY PANEL

K. Amer (GB)	J. Dunning (GB)	F. Melfi (IT)	P.A. Thomas (FR)
P. Bagan (FR)	M. Durand (FR)	D. Oh (US)	G. Veronesi (IT)
T. Batchelor (GB)	R. Flores (US)	P.B. Pages (FR)	W. Walker (UK)
F. Becmeur (FR)	D. Gonzalez Rivas (ES)	C. Peillon (FR)	J.M. Wihlm (FR)
G. Boddaert (FR)	D. Gossot (FR)	R. Petersen (DK)	H. Winter (DE)
I. Bouabdallah (FR)	M. Grigoriu (RO)	K. Pfeuty (FR)	H.S. Wu (TW)
D. Boulate (FR)	C.C. Huang (TW)	A. Sihoe (HK)	K. Yasufuku (CA)
E. Brian (FR)	S. Jheon (KR)	S. Swanson (US)	K. Zannis (FR)
H. Decaluwé (BE)	T. Kohno (JP)	M. Tedde (BR)	

March 16-18

VIDEO-ASSISTED THORACIC SURGERY - VATS & RATS

COURSE DIRECTORS

J.M. Baste (FR) P.E. Falcoz (FR) A. Seguin (FR)

September 14-15

ROBOTIC-ASSISTED THORACIC SURGERY - RATS

COURSE DIRECTORS

J.M. Baste (FR) W.C. Hanna (CA)



VIDEO-ASSISTED THORACIC SURGERY VATS & RATS

ADVANCED COURSE

March 16-18

COURSE DIRECTORS

J.M. Baste (FR)

P.E. Falcoz (FR)

A. Seguin (FR)

7:45 am — REGISTRATION AND WELCOMING OF PARTICIPANTS

8:05 am — OPTIONS B AND C

THEORETICAL SESSION

Current and forthcoming technologies for advanced thoracoscopic procedures

- Electromagnetic bronchial navigation for surgeons
- Current instrumentation and imaging systems
- Forthcoming instrumentation and imaging systems
- Preoperative modeling: applications for major pulmonary resections

Current and forthcoming technologies for robotically assisted procedures

Different approaches: pros and cons

- Single port thoracoscopic approach
- Multiport anterior thoracoscopic approach
- Multiport thoracoscopic posterior approach
- Subxiphoid thoracoscopic approach
- Alternative and unusual approaches
- Robotically assisted approach

Postoperative management at the time of minimally invasive techniques

- Chest tube management
- RAAC for VATS and RATS
- Pain management: open vs. VATS vs. RATS

1:00 pm — LUNCH AT THE INSTITUTE

2:00 pm — OPTIONS B AND C

VIDEO SESSION

Tips and tricks

- Exposure
- Vascular control
- Fissure and parenchymal division

3:00 pm — OPTIONS B AND C

PRACTICAL SESSION - TRAINING ON LIVE TISSUE (MINI-PIGS)

VATS procedures

- Fissure completion
- Incision and opening of the mediastinal pleura overlying the left lung hilum
- Dissection of the common pulmonary vein and cranial lobar vein
- Division of the cranial lobar vein with linear autostaplers or vessel-sealing devices
- Dissection and division of the cranial lobar bronchus with linear autostaplers
- Dissection of the pulmonary arteries one by one and dividing them with linear autostaplers or vessel-sealing devices
- Left caudal lobectomy

6:30 pm — END OF SESSION

EVENING FREE

7:45 am — EVALUATION OF THE PREVIOUS DAY

8:00 am — OPTIONS B AND C

LECTURE

Introduction to sublobar resections

8:30 am — OPTIONS B AND C

VIDEO SESSION

VATS and RATS lobectomies

Main technical steps and tricks with different standpoints

- Lower / right upper / left upper / middle lobectomies
- Two “easy” segmentectomies: lingulectomy, S6
- Complex segmentectomies
- Lymph node dissection

12:00 pm — LUNCH AT THE INSTITUTE

1:00 pm — OPTIONS B AND C

VIDEO SESSION

VATS and RATS lobectomies

Main technical steps and tricks with different standpoints

- Thoracoscopic left approach
- Thoracoscopic bilateral approach
- Thoracoscopic subxiphoid approach
- Robotic approach

2:00 pm — PRACTICAL SESSION

OPTION B

TRAINING ON LIVE TISSUE (MINI-PIGS)

VATS procedures

- Fissure completion
- Incision and opening of the mediastinal pleura overlying the left lung hilum
- Dissection of the common pulmonary vein and cranial lobar vein
- Division of the cranial lobar vein with linear autostaplers or vessel-sealing devices
- Dissection and division of the cranial lobar bronchus with linear autostaplers
- Dissection of the pulmonary arteries one by one and dividing them with linear autostaplers or vessel-sealing devices
- Left caudal lobectomy

OPTION C

TRAINING ON LIVE TISSUE (MINI-PIGS) AND SIMULATORS

RATS procedures

Development of technical skills in RATS: from basic skills and procedural skills using virtual simulation to live models with LUL and lymphadenectomy in pig models

5:30 pm — END OF SESSION

8:00 pm — DINNER IN HONOR OF THE PARTICIPANTS

8:15 am — EVALUATION OF THE PREVIOUS DAY

8:30 am — OPTIONS B AND C

THEORETICAL SESSION

Advanced techniques and technologies

- Training on animal model
- Training on cadaver model
- Simulation for the VATS surgeon
- Preventing and simulating complications (conference)

Troubleshooting complications in VATS and RATS surgery:
description, management and prevention

- Lessons learned from a European survey
- My complications: How many? What happened?
How did I manage? Which lessons did I learn?

12:00 pm — LUNCH AT THE INSTITUTE

END OF COURSE

DELIVERY OF THE CERTIFICATES OF ATTENDANCE

COURSE OBJECTIVES

- To cover a broad spectrum of surgical procedures in VATS and RATS procedures
- To provide indications for surgical treatment and discuss operative complications
- To allow a real-time discussion between experts and course participants
- To provide hands-on sessions to improve skills in VATS / RATS surgery through hands-on practice on live tissue (mini-pigs) or simulators under expert tutorial
- To describe postoperative clinical results and practical applications of evidence-based clinical medicine

EDUCATIONAL METHODS

- Interactive theoretical and video sessions between Faculty and course participants
- Pre-recorded operative demonstrations
- Training on live tissue (mini-pigs) or simulators under expert tutorial

YOU CAN EITHER
REGISTER ONLINE FOR
IRCAD COURSES AT
WWW.IRCAD.FR

*Or scan this QR code to directly
register for this course.*





ROBOTIC-ASSISTED THORACIC SURGERY RATS

ADVANCED COURSE

September 14-15

COURSE DIRECTORS

J.M. Baste (FR)

W.C. Hanna (CA)

7:45 am — REGISTRATION AND WELCOMING OF PARTICIPANTS

8:00 am — **DIDACTIC LECTURE**

History and development of robotic surgery

Robotic anatomic lung resection

- Review of literature
- Standard robotic lobectomy (5 lobectomies)
- Segmentectomy and complex image-guided segmental resection
- Advanced and complex procedures: sleeve resections, Pancoast tumors

Robotic resection of anterior mediastinal tumors

- Review of literature
- Thymectomy for myasthenia gravis
- Thymectomy for early-stage thymoma
- Thymectomy for advanced stage thymoma

12:30 pm — LUNCH AT THE INSTITUTE

1:30 pm — **PRACTICAL SESSION
TRAINING ON LIVE TISSUE (MINI-PIGS) AND SIMULATORS**

- Development of technical skills in RATS: from basic skills and procedural skills using virtual simulation to live models with LUL and lymphadenectomy in pig models

6:00 pm — END OF SESSION

8:00 pm — DINNER IN HONOR OF THE PARTICIPANTS

7:45 am — EVALUATION OF THE PREVIOUS DAY

8:00 am — DIDACTIC LECTURES

Robotic resection of middle and posterior mediastinal tumors

Robotic esophagectomy: different approaches

Robotic training

- Technical skills
- Educational and evaluation models

Safety and performance measurement

- Non-technical skills in robotic surgery
- Data collection and quality improvement initiatives
- Surgical CRM (crisis resource management) in robotic surgery

Research and innovation in robotic thoracic surgery

- Medico-economic evaluation
- New instruments and future innovations
- New and emerging robotic platforms

12:30 pm — LUNCH AT THE INSTITUTE

1:30 pm — PRACTICAL SESSION
TRAINING ON LIVE TISSUE (MINI-PIGS) AND SIMULATORS

- Development of technical skills in RATS: from basic skills and procedural skills using virtual simulation to live models with LUL and lymphadenectomy in pig models

6:00 pm — END OF SESSION
DELIVERY OF CERTIFICATES OF ATTENDANCE



COURSE OBJECTIVES

- To cover a broad spectrum of surgical procedures in RATS
- To provide indications for surgical treatment and discuss operative complications
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STAY AT LES HARAS HOTEL ****

RIGHT NEXT TO THE INSTITUTE

HOTEL CANCELLATION POLICY

If you wish to cancel or modify your hotel booking, please do not contact the hotel directly, send us a notification by email at: cancellation@ircad.fr.

Cancellations received earlier than 10 days before the beginning of the course are eligible for full hotel refund. After that deadline, a one-night deposit will be deducted from your refund.

BOOKING POLICY

The deadline for hotel booking is **10 days before the course**. Unfortunately IRCAD cannot guarantee room availability past that deadline. Bookings are made on a first-come, first-served basis. In case of non-availability, we shall do our best to reaccommodate you in a nearby hotel of equal standard.



MORE INFORMATION ON:
[LES-HARAS-HOTEL.COM](https://les-haras-hotel.com)

*Or scan this QR Code for more
information about Les Haras*



DISCOVER ALSACE

IN STRASBOURG, THE CAPITAL OF EUROPE

The historic heart of Strasbourg, bordered by the charming Petite France quarter, its thousand-year-old Gothic cathedral, its numerous winstubs, its multiple and diverse cultural offer, make the city a first-choice destination in Alsace.

Strasbourg's city center has been inscribed on UNESCO's World Heritage list since 1988.

In winter, the Alsace region is a must-see, and especially Strasbourg, which has been known as the Christmas capital since the first Christmas market in 1570. Each year people from all over the world come to discover the city with its fairytale and traditional settings, and especially its typical "Christkindelsmärik".

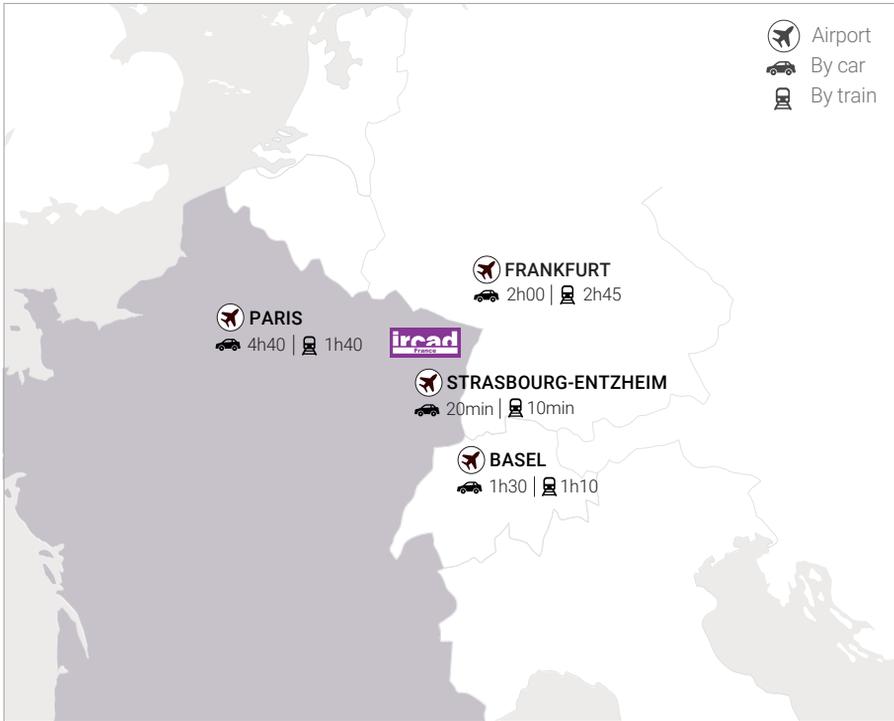


MORE INFORMATION ON:
WWW.VISIT-ALSACE

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information about Alsace*

GETTING TO IRCAD COULDN'T BE EASIER

SELECT YOUR FAVORITE OPTION



IRCAD RECOMMENDS

FROM FRANKFURT AIRPORT

170 km on highway / 2 hours
Lufthansa shuttle bus (6 times a day)
www.lufthansa.com



OR

Private car service
www.vtctravel.fr



FROM STRASBOURG-ENTZHEIM INTERNATIONAL AIRPORT

18 km / 20 min



OR

FROM PARIS CHARLES DE GAULLE INTERNATIONAL AIRPORT

1 hour 40 min on high-speed train





The certification of IRCAD programs by the American College of Surgeons (ACS) extends until December 2022. An application for the recertification of IRCAD as a comprehensive Accredited Education Institute (AEI) by the ACS has been submitted in July 2022.

This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME), Institution of the European Union of Medical Specialists (EUMS), to provide CME credits to European medical specialists in their home country. This IRCAD course meets the criteria for the American Medical Association (AMA) Physician's Recognition Award (PRA) Category 1 Credit(s)[™]. Physicians may apply to convert EACCME credits into AMA PRA Category 1 Credit(s)[™].

The thoracic course is endorsed by the European Society of Thoracic Surgeons (ESTS).





MEMBERS	VIDEOS	AUTHORS	LANGUAGES
+470,000	+4,700	+2,000	7

FREE TRAINING ON **WWW.WEBSURG.COM**

WebSurg is the **charge-free** online university of IRCAD, specialized in minimally invasive surgery. It was created by surgeons for surgeons, and has become the international online reference for surgical **training in minimally invasive surgery** with more than **470,000 members** around the world and more than **4,700** videos available.

Register and get access to a comprehensive resource
of free-access and certified surgical content!

