

# VIDEO AND ROBOTIC ASSISTED THORACIC SURGERY VATS AND RATS

## PROGRAMME



**ircad**  
France  
STRASBOURG  
UNIVERSITY

DATE  
**APRIL 9 - 10**

COURSE DIRECTORS  
**P.E. Falcoz** (FR)  
**A. Seguin** (FR)

2026

## COURSE ENDORSEMENT AND ACCREDITATION



*This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS).*

*EACCME credits are also recognized by the American Medical Association towards the Physician's Recognition Award (PRA).*



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION<sup>®</sup>  
**ACCREDITED EDUCATION INSTITUTES**  
ENHANCING PATIENT SAFETY THROUGH SIMULATION

ACCREDITED EDUCATION INSTITUTE

## COURSE DIRECTORS

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## FACULTY MEMBERS

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*Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias*

## 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 sessions on live tissue (mini-pigs) or simulators under expert tutorial

## THURSDAY APRIL 9, 2026

### MORNING

#### Participants **OPTION B & C**

8:00 AM: Registration and welcoming of participants

8.20 AM: Introduction *A. Seguin-Givelet and PE. Falcoz (10')*

#### 8.30 AM: **VATS - RATS - ION**

Moderators: PE. Falcoz – A. Seguin-Givelet

- VATS and RATS: current practices over Europe? *PE. Falcoz (10')*
- VATS or RATS my criteria of choice? *S. Cassivi (10')*
- ION: new robotic tools: indication and perspectives *A. Seguin-Givelet (5')*
  
- Discussion *(5')*

#### 9.00 AM: **TECHNICAL SESSION**

##### **PORT POSITIONNING – INSTRUMENTATION - ROOM SET UP**

Moderators: H. Decaluwé – B. Richard de Latour

- Different approaches: Pro and Cons
  - Single port thoracoscopic approach *R. Vergé (10')*
  - Multiport anterior thoracoscopic approach *R. Petersen (10')*
  - Thoracoscopic fissure-based approach *H. Decaluwé (10')*
  - Subxiphoid thoracoscopic approach *K. Pfeuty (10')*
  - Multiport robotic approach *G. Boddaert (10')*
  - RATS operating room set up standardization *F. Montagne (10')*

*Discussion at the end of each talk 5 min*

10.30 – 11.00 AM: Coffee Break

#### 11.00 AM: **SESSION THYMECTOMIES – DIAPHRAGM - FIRST RIB**

Moderators: S. Cassivi – R. Petersen

- VATS and RATS thymectomies: Main technical steps and tricks with different standpoints
  - Thoracoscopic unilateral approach for thymus: 2 different approaches *S. Pieropan (10') / S. Cassivi (10')*
  - Robotic unilateral approach for thymus *F. Montagne (10')*
  - Thoracoscopic subxiphoid approach *K. Pfeuty (10')*
  - Single port robotic subxiphoid approach *R. Petersen (10')*
  - RATS First rib *B. Richard de Latour (10')*

Discussion *(10')*

## GROUP PICTURE

12.15 PM: Lunch at the institute

## AFTERNOON

### Participants **OPTION B & C**

#### 1.15 PM: **VIDEO SESSION**

Moderators: A. Seguin-Givelet – F. Montagne

➤ Tips and tricks

- |   |                             |
|---|-----------------------------|
| → Exposure  | <i>V. Musso (10')</i>       |
| → VATS vascular control                               | <i>A. Olland (10')</i>      |
| → RATS vascular control                               | <i>I. Bouabdallah (10')</i> |
| → VATS and RATS fissure and parenchymal division      | <i>C. Lafouasse (10')</i>   |
| → Standardized technique for RATS pulmonary resection | <i>F. Montagne (10')</i>    |
| → Tunnel technique                                    | <i>H. Decaluwé (10')</i>    |

#### 2.30 PM: **PRE-LAB SESSION in the auditorium**

Training on animal model

*M. Tedde (15')*

#### 2.45 PM: **PRACTICAL SESSION TRAINING ON LIVE TISSUE**

### Participants **OPTION B**

#### **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

## Participants **OPTION C**

### **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

06.00 PM:	End of session
08.00 PM:	Dinner in honor of participants <i>Brasserie LES HARAS – 23 rue des Glacières –Strasbourg</i>

**FRIDAY APRIL 10, 2026**

**MORNING**

**Participants OPTION B & C**

7.45 AM: Evaluation of the previous day

**8.00 AM: VIDEO SESSION ON LOBECTOMIES**

Moderators: S. Cassivi – A. Seguin-Givelet

➤ VATS and RATS lobectomies

Main technical steps and tricks with different standpoints

- RATS lower lobectomy *I. Bouabdallah (10')*
- VATS lower lobectomy *H. Decaluwé (10')*
- VATS right upper lobectomy *C. Lafouasse (10')*
- RATS right upper lobectomy *PE. Falcoz (10')*
- RATS left upper lobectomy *F. Montagne (10')*
- SP RATS middle lobe lobectomy *R. Petersen (10')*
- Lymph node dissection *K. Amer - prerecorded (30')*

Discussion (10')

**9.45 AM: SEGMENTECTOMIES**

Moderators: A. Seguin-Givelet – R. Petersen

- Preoperative modelization *A. Seguin-Givelet (10')*
- ICG for the surgeon *V. Musso (5')*

10.00 – 10.15 AM: Coffee Break

**10.15 AM: VIDEO SESSION ON SEGMENTECTOMIES**

Moderators: G. Boddart – I. Bouabdallah

- VATS segmentectomies of the upper lobe *G. Boddart (15')*
- RATS segmentectomies of the upper lobe *I. Bouabdallah (15')*
- VATS segmentectomies of the lower lobe *A. Seguin-Givelet (15')*
- RATS segmentectomies of the lower lobe *S. Cassivi (15')*

Discussion (10')

**11.30 AM: POST OPERATIVE COURSE AND COMPLICATIONS**

Moderators: H. Decaluwé – PE. Falcoz

- Chest tube management (+ no drain) *K. Pfeuty (10')*
- ERAS for VATS and RATS *R. Vergé (10')*
- Pain management: Open vs. VATS vs. RATS *P. Meyer (10')*
- Troubleshooting complications: description, management, and prevention
  - Learning curve and Training (simulation) for VATS/RATS *F. Montagne (10')*
  - My learning curve with RATS *S. Cassivi (10')*
  - My complications with RATS *I. Bouabdallah (10')*
  - RATS management of life-threatening complication *B. Richard de Latour (10')*
  - My complications with VATS *A. Seguin-Givelet (15')*

Discussion (5')

1.00 PM: Lunch at the institute

**AFTERNOON**

**2.00 PM: PRACTICAL SESSION  
TRAINING ON LIVE TISSUE**

**Participants OPTION B**

**VATS procedures**

- Fissure completion
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## Participants **OPTION C**

### **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

05.00 PM:            End of session

End of course

Delivery of certificates of attendance



# NOTE PAD

