

VIDEO AND ROBOTIC ASSISTED THORACIC SURGERY VATS AND RATS

ADVANCED COURSE

ircad
France
STRASBOURG
UNIVERSITY



DATE
APRIL 9 - 10

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

2026

8:00 am | REGISTRATION AND WELCOMING OF PARTICIPANTS

8:15 am | OPTIONS B AND C

HISTORY OF VATS / RATS

- VATS and RATS: current practices over Europe?
- Current and forthcoming technologies for VATS and RATS

TECHNICAL SESSION: WHICH APPROACH?

- Single port / multiport anterior and posterior / subxiphoid / robotic

VIDEO SESSION ON VATS AND RATS THYMECTOMIES

- Thoracoscopic unilateral / bilateral / subxiphoid approaches
- Robotic subxiphoid / unilateral approaches

12:30 pm | LUNCH AT THE INSTITUTE

1:30 pm | OPTIONS B AND C

VIDEO SESSION

- Exposure / vascular control / fissure and parenchymal division using VATS and RATS
- Standardized technique for RATS pulmonary resection

**3:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)
AND SIMULATORS**

OPTION B

VATS PROCEDURES

- Fissure completion, incision and opening of mediastinal pleura over left lung hilum
- Dissection and division of veins, bronchus, and pulmonary arteries using autostaplers or vessel-sealing devices

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 live tissue

6:30 pm | END OF SESSION

8:00 pm | DINNER IN HONOR OF THE PARTICIPANTS

7:50 am | EVALUATION OF THE PREVIOUS DAY'S SESSIONS

8:00 am | OPTIONS B AND C

HISTORY OF VATS / RATS

- Lower / middle, right and left upper lobectomy
- Lymph node dissection

SEGMENTECTOMIES

- Sublobar resections: an update
- Preoperative modelization
- ICG for the surgeon

VIDEOS SESSION ON SEGMENTECTOMIES

- Segmentectomies of the upper & lower lobe using VATS and RATS

POSTOPERATIVE COURSE AND COMPLICATIONS

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

TROUBLESHOOTING COMPLICATIONS: DESCRIPTION, MANAGEMENT, AND PREVENTION

- Learning curve and training (simulation) for VATS and RATS
- RATS-related complications
- Specific complications related to segmentectomies

1:00 pm | LUNCH AT THE INSTITUTE

2:00 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)
AND SIMULATORS

OPTIONS B AND C

VATS AND RATS PROCEDURES

Same hands-on procedures as for April 9 (page 5)

5:00 pm | END OF THE COURSE
DELIVERY OF CERTIFICATES OF ATTENDANCE