

VIDEO AND ROBOT-ASSISTED THORACIC SURGERY VATS & RATS

ADVANCED COURSE



2024

ircad
France

**STRASBOURG
UNIVERSITY**

Date

APRIL 4 - 5

Course directors

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

8:00 am ○ **REGISTRATION AND WELCOMING OF THE PARTICIPANTS**

- 8:30 am ● **OPTIONS B AND C
HISTORY ON 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 & posterior / subxyphoid / robotic

VIDEO SESSION ON VATS & RATS THYMECTOMIES

- Thoracoscopic unilateral / bilateral / subxyphoid approaches
- Robotic subxyphoid / 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 by VATS / RATS
 - Standardized technique for RATS pulmonary resection

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

OPTION B VATS PROCEDURES

- Fissure completion, incision and opening 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 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 ● **OPTIONS B AND C
VIDEO SESSION ON VATS
& RATS LOBECTOMIES**
- Lower / middle, right & 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 by VATS / 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/RATS
- My complications RATS
- Specific segmentectomies complications

1:00 pm ○ **LUNCH AT THE INSTITUTE**

- 2:00 pm ● **HANDS-ON SESSION ON
LIVE TISSUE (MINI-PIGS)
& SIMULATORS**

OPTIONS B AND C VATS & RATS PROCEDURES

Same hands-on procedures as April 4

5:00 pm ○ **END OF SESSION
EVENING FREE**