

VIDEO-ASSISTED THORACIC SURGERY VATS & RATS

ADVANCED COURSE



2024

ircad
France

**STRASBOURG
UNIVERSITY**

Date

APRIL 4 - 5

Course directors

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VIDEO-ASSISTED THORACIC SURGERY – VATS & RATS

APRIL 4

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

APRIL 5

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