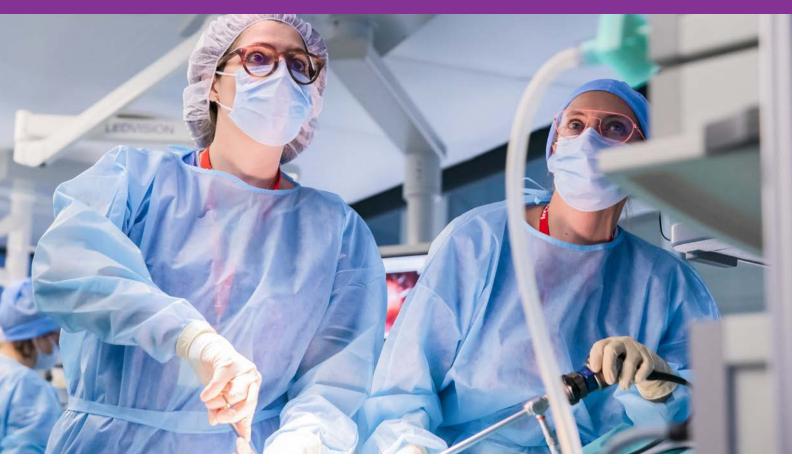
# VIDEO AND ROBOT-ASSISTED THORACIC SURGERY VATS & RATS

**ADVANCED COURSE** 



2024



STRASBOURG UNIVERSITY

Date

Course directors

APRIL 4 - 5

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 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 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 o 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

LO

APRI

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