

# ROBOTIC ASSISTED THORACIC SURGERY RATS

ADVANCED COURSE

**ircad**  
France  
STRASBOURG  
UNIVERSITY



DATE  
**OCTOBER 8 - 9**

COURSE DIRECTORS  
**J.M. Baste (FR)**  
**W.C. Hanna (CA)**

7:45 am | REGISTRATION AND WELCOMING OF PARTICIPANTS

8:00 am | DIDACTIC LECTURES

**BASICS OF ROBOTIC SURGERY**

- Port placement, instruments, tips and tricks, and adjuncts
- Evidence for robotic surgery

**STANDARD ROBOTIC LOBECTOMY (5 LOBECTOMIES)**

**SEGMENTECTOMY AND COMPLEX IMAGE-GUIDED SEGMENTAL RESECTION**

**ADVANCED AND COMPLEX PROCEDURES:  
SLEEVE RESECTIONS, PANCOAST TUMORS**

**ROBOTIC RESECTION OF ANTERIOR MEDIASTINAL TUMORS**

- Review of literature
- Thymectomy for myasthenia gravis
- Thymectomy for early-stage thymoma

12:30 pm | LUNCH AT THE INSTITUTE

1:30 pm | HANDS-ON SESSION ON LIVE TISSUE (MINI-PIGS)  
AND SIMULATORS

- 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

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

**8:00 am | DIDACTIC LECTURES**

ROBOTIC RESECTION OF MIDDLE AND POSTERIOR MEDIASTINAL TUMORS

ROBOTIC ESOPHAGECTOMY: DIFFERENT APPROACHES

COMPLEX AND IMAGE-GUIDED SEGMENTAL RESECTIONS

ROBOTIC TRAINING

- Technical skills
- Educational and evaluation models

SAFETY AND PERFORMANCE MEASUREMENT

- Non-technical skills in robotic surgery
- Data collection and quality improvement initiatives
- Surgical CRM (Crisis Resource Management) in robotic surgery

RESEARCH AND INNOVATION IN ROBOTIC THORACIC SURGERY

- Medico-economic evaluation
- New instruments and future innovations
- New and emerging robotic platforms

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**4:30 pm | END OF THE COURSE  
DELIVERY OF CERTIFICATES OF ATTENDANCE**