VIDEO & ROBOT-ASSISTED THORACIC SURGERY
VATS & RATS

PROGRAMME
APRIL 4 - 5

2024

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

ircad
France

STRASBOURG
UNIVERSITY
This course is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS). EACCME credits are also recognized by the American Medical Association towards the Physician’s Recognition Award (PRA).
THORACIC SURGERY
VATS & RATS

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Each IRCAD faculty member confirms that any conflict of interest they may declare has no bearing on any scientific activity during the courses: all course content is fair, balanced, and free of commercial bias.
COURSE OBJECTIVES

✓ To cover a broad spectrum of surgical procedures in VATS and RATS procedures
✓ To provide indications for surgical treatment and discuss operative complications
✓ To allow a real-time discussion between experts and course participants
✓ To provide hands-on sessions to improve skills in VATS / RATS surgery through hands-on sessions on live tissue (mini-pigs) or simulators under expert tutorial
THORACIC SURGERY
VATS & RATS

THURSDAY APRIL 4, 2024
MORNING

Participants OPTION B & C

8:00 AM: Registration and welcoming of participants

8:20 AM: Introduction PE. Falcoz

8.30 AM: HISTORY ON VATS/RATS
Moderators: T. Batchelor – PE. Falcoz

➢ VATS and RATS: current practices over Europe? PE. Falcoz
➢ VATS or RATS: my criteriae of choice? T. Batchelor

Discussion

9.30 - 9.45 AM: Coffee Break

9.45 AM: TECHNICAL SESSION: WHICH APPROACH?
Moderators: K. Amer – B. Richard de Latour

➢ Different approaches: Pro and Cons

→ Single port thoracoscopic approach video conference A. Sihoe
→ Multiport anterior thoracoscopic approach R. Petersen
→ Multiport Thoracoscopic posterior approach D. Gossot
→ Subxyphoid Thoracoscopic approach K. Pfeuty
→ Robotic approach D. Galetta

11.15 AM: VIDEO SESSION ON THYMECTOMIES
Moderators: D. Galetta – D. Gossot

➢ VATS and RATS thymectomies: Main technical steps and tricks with different standpoints

→ Thoracoscopic unilateral approach PE. Falcoz
→ Robotic unilateral approach D. Galetta
→ Thoracoscopic bilateral approach D. Gossot
→ Thoracoscopic subxiphoid approach K. Pfeuty
→ Robotic subxiphoid approach B. Richard de Latour

Discussion

GROUP PICTURE

12.30 PM: Lunch at the institute

PROGRAMME SUBJECT TO MODIFICATIONS
THORACIC SURGERY
VATS & RATS

AFTERNOON

Participants OPTION B & C

1.30 PM: VIDEO SESSION
Moderators: F. Montagne – K. Pfeuty

➢ Tips and tricks

→ Exposure  C. Ponte & M. Menassa
→ Vascular control by VATS  M. Menassa
→ Vascular control by RATS  D. Galetta
→ Fissure and parenchymal division by VATS and RATS  A. Fourdrain
→ Standardized technique for RATS pulmonary resection  F. Montagne

2.30 PM: PRE-LAB SESSION in the auditorium
Training on animal model  M. Tedde

2.45 PM: PRACTICAL SESSION
TRAINING ON LIVE TISSUE

Participants OPTION B

VATS procedures

• Fissure completion
• Incision and opening of the mediastinal pleura overlying the left lung hilum
• Dissection of the common pulmonary vein and cranial lobar vein
• Division of the cranial lobar vein with linear autostaplers or vessel-sealing devices
• Dissection and division of the cranial lobar bronchus with linear autostaplers
• Dissection of the pulmonary arteries one by one and dividing them with linear autostaplers or vessel-sealing devices
• Left caudal lobectomy
Participants **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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>06.00 PM:</td>
<td>End of session</td>
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<td>08.00 PM:</td>
<td>Dinner in honor of participants</td>
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<td>Brasserie LES HARAS – 23 rue des Glacières – Strasbourg</td>
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Participants OPTION B & C

7.45 AM: Evaluation of the previous day

8.00 AM: **VIDEO SESSION ON LOBECTOMIES**

**Moderators:** T. Batchelor – A. Seguin-Givelet

- VATS and RATS lobectomies
- Main technical steps and tricks with different standpoints

  - Lower lobectomy
  - Right upper lobectomy
  - Right upper lobectomy
  - Left upper lobectomy
  - Middle lobectomy
  - Lymph node dissection

  **I. Bouabdallah (RATS)**
  **E. Kovacs (VATS)**
  **PE. Falcoz (RATS)**
  **F. Montagne (RATS)**
  **R. Petersen (VATS)**
  **K. Amer**

**Discussion**

9.20 AM: **SEGMENTECTOMIES**

**Moderators:** A. Fourdrain – R. Petersen

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

  **D. Gossot**
  **A. Seguin-Givelet**
  **C. Ponte**
  **M. Menassa**

10.05 – 10.20 AM: Coffee Break

10.20 AM: **VIDEOS SESSION ON SEGMENTECTOMIES**

**Moderators:** I. Bouabdallah – G. Boddaert

  - Segmentectomies of the upper lobe by VATS
  - Segmentectomies of the upper lobe by RATS
  - Segmentectomies of the lower lobe by VATS
  - Segmentectomies of the lower lobe by RATS

  **D. Gossot**
  **I. Bouabdallah**
  **A. Seguin-Givelet**
  **A. Fourdrain**

**Discussion**
THORACIC SURGERY
VATS & RATS

11.30 AM: POST OPERATIVE COURSE AND COMPLICATIONS
Moderators: K. Amer – D. Gossot

➢ 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
  → RATS management of lifethreatening complication
  → My complications VATS
  → Specific segmentectomies complications

Discussion
Conclusion

1.15 PM: Lunch at the institute

AFTERNOON

2.00 PM: PRACTICAL SESSION
TRAINING ON LIVE TISSUE

Participants OPTION B

VATS procedures

• Fissure completion
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Participants 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

05.00 PM: End of session

End of course
Delivery of certificates of attendance