

VIDEO & ROBOT-ASSISTED THORACIC SURGERY VATS & RATS

PROGRAMME
APRIL 4 - 5



2024

ircad
France

STRASBOURG
UNIVERSITY

Course directors

P.E. Falcoz (FR)

A. Seguin (FR)

COURSE ENDORSEMENT AND ACCREDITATION



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).



AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION[®]
ACCREDITED EDUCATION INSTITUTES
ENHANCING PATIENT SAFETY THROUGH SIMULATION
ACCREDITED EDUCATION INSTITUTE

COURSE DIRECTORS

Agathe SEGUIN-GIVELET
Pierre-Emmanuel FALCOZ

Institut Mutualiste Montsouris, Paris, France
Nouvel Hôpital Civil, Strasbourg, France

FACULTY MEMBERS

Khalid AMER
Tim BATCHELOR
Ilies BOUABDALLAH
Bertrand RICHARD DE LATOUR
Alex FOURDRAIN
Domenico GALETTA
Dominique GOSSOT
Bob HEGER
Erik KOVACS
Michel MENASSA
François MONTAGNE
René PETERSEN
Karel PFEUTY
Charlotte PONTE
Alan SIHOE *videoconference*
Miguel TEDDE

University Hospital, Southampton, UK
St. Bartholomew's, London, UK
Hôpital Saint Joseph, Marseille, France
Polyclinique Saint Laurent, Rennes, France
APHM Hôpital Nord, Marseille, France
European Institute of Oncology, Milano, Italy
Institut Mutualiste Montsouris, Paris, France
CHU de Hautepierre, Strasbourg, France
Institut Mutualiste Montsouris, Paris, France
Institut Mutualiste Montsouris, Paris, France
Institut Cœur Poumon, Lille, France
Rigshospitalet, Copenhagen, Denmark
Hôpital Yves le Foll, Saint Briec, France
Nouvel Hôpital Civil, Strasbourg, France
Gleneagles Hospital, Hong-Kong
University Medical School, Sao Paulo, Brazil

LABORATORY TRAINERS

Akli MEKKAR
Valeria MUSSO

Institut Mutualiste Montsouris, Paris, France
Nouvel Hôpital Civil, Strasbourg, France

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

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?
- VATS or RATS: my criteriae of choice?

PE. Falcoz
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*
 - Multiport anterior thoracoscopic approach
 - Multiport Thoracoscopic posterior approach
 - Subxyphoid Thoracoscopic approach
 - Robotic approach

A. Sihoe
R. Petersen
D. Gossot
K. Pfeuty
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
 - Robotic unilateral approach
 - Thoracoscopic bilateral approach
 - Thoracoscopic subxyphoid approach
 - Robotic subxyphoid approach

PE. Falcoz
D. Galetta
D. Gossot
K. Pfeuty
B. Richard de Latour

Discussion

GROUP PICTURE

12.30 PM: Lunch at the institute

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

06.00 PM:	End of session
08.00 PM:	Dinner in honor of participants <i>Brasserie LES HARAS – 23 rue des Glacières –Strasbourg</i>

FRIDAY APRIL 5, 2024

MORNING

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. Boddart

- 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

11.30 AM: POST OPERATIVE COURSE AND COMPLICATIONS

Moderators: K. Amer – D. Gossot

- Chest tube management *K. Pfeuty*
- ERAS for VATS and RATS *T. Batchelor*
- Pain management: Open vs VATS vs RATS *B. Heger*

- Troubleshooting complications: description, management, and prevention
 - Learning curve and Training (simulation) for VATS/RATS *F. Montagne*
 - My complications RATS *D. Galetta*
 - RATS management of lifethreatening complication *B. Richard de Latour*
 - My complications VATS *K. Amer*
 - Specific segmentectomies complications *D. Gossot*

Discussion

Conclusion

A. Seguin

1.15 PM: Lunch at the institute

AFTERNOON

2.00 PM: PRACTICAL SESSION
TRAINING ON LIVE TISSUE

Participants OPTION B

VATS procedures

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- 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

05.00 PM: End of session

End of course
Delivery of certificates of attendance