



ROBOTIC-ASSISTED THORACIC SURGERY RATS

ADVANCED COURSE

September 14-15

COURSE DIRECTORS

J.M. Baste (FR)

W.C. Hanna (CA)

7:45 am — REGISTRATION AND WELCOMING OF PARTICIPANTS

8:00 am — **DIDACTIC LECTURE**

History and development of robotic surgery

Robotic anatomic lung resection

- Review of literature
- 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
- Thymectomy for advanced stage thymoma

12:30 pm — LUNCH AT THE INSTITUTE

1:30 pm — **PRACTICAL SESSION
TRAINING 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

7:45 am — EVALUATION OF THE PREVIOUS DAY

8:00 am — DIDACTIC LECTURES

Robotic resection of middle and posterior mediastinal tumors

Robotic esophagectomy: different approaches

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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6:00 pm — END OF SESSION
DELIVERY OF CERTIFICATES OF ATTENDANCE