



2021

ROBOTIC ASSISTED THORACIC SURGERY

ADVANCED COURSE

September 9-10

COURSE DIRECTORS

J.M. Baste^{FR}

W.C. Hanna^{CA}

27 years of innovation and excellence

The IRCAD is considered one of the leading surgical education providers in the world. More than 6,000 surgeons come every year to attend educational courses under the supervision of world-renowned experts. With a unique combination of theoretical sessions, live broadcasted procedures, hands-on practice, and the latest generation of robots. **There is no better way to learn!**

Full immersion in thoracic surgery

For nearly 30 years, advances in minimally invasive surgery have demonstrated several benefits for patients.

Robotic surgery has emerged as the most advanced minimally invasive platform, with notable improvements over thoracoscopic surgery, including better illumination, superior dexterity, more versatile stapling technology, and improved energy devices.

Over the last two decades in the evolution of robotic surgery, several techniques of practice standardization have been explored.

You can either register online for IRCAD courses at www.ircad.fr



Or scan this QR code to directly register for this course.

Course highlights

- > Full immersion in outstanding facilities/a state-of-the-art experimental lab and an auditorium with the latest audiovisual technologies
- > 2 half-days of robotic surgery training on live tissue (mini pigs) or anatomical specimens including the latest generation of da Vinci® robotic systems
- > Didactic lectures and live video demonstrations provided by world-renowned experts in robotic thoracic surgery

Course cancellation policy

Should you wish to cancel or postpone your registration, please notify us by email at:

cancellation@ircad.fr

Please note that no refund or postponement will be considered for any cancellation received less than 6 weeks before the course starts, even if Visa application has been denied.



International Course directors

J.M. Baste ^{FR}

W.C. Hanna ^{CA}

September 9

7:45 am ○ **Registration and welcoming of participants**

8:00 am ○ **OPTIONS B AND C**

Didactic lectures

- > 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 ○ **OPTIONS B AND C**

Hands-on session on live tissue (mini-pigs)

Two to three trainees paired with an expert on a training robot to perform pulmonary lobectomy and thymectomy

6:00 pm ○ **End of session**

8:00 pm ○ **Dinner in honor of the participants**

September 10

7:45 am ○ **Evaluation of the previous day**

8:00 am ○ **OPTIONS B AND C**

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
 - CRM in Robotic Surgery
- > Research and Innovation in Robotic Thoracic Surgery
 - Medico-economic evaluation
 - New instruments and Future Innovations
 - New and Emerging Robotic Platforms

12:30 pm ○ **Lunch at the Institute**

1:30 pm ○ **OPTION B**

Hands-on session on live tissue (mini-pigs)

OPTION C

Hands-on session on anatomical specimens

Two to three trainees paired with an expert on a training robot to perform pulmonary lobectomy and thymectomy

6:00 pm ○ **End of the course**

Delivery of certificates of attendance



Course objectives

- > To describe the latest practices in standardization of common and complex robotic thoracic procedures
- > To provide a primer in building of robotic surgical teams
- > To emphasize non-technical skills that are important in developing a robotic thoracic program
- > To provide an opportunity for networking and interactions between trainees and experts
- > To share ideas and experiences in developing and advancing robotic thoracic programs

Educational methods

- > Interactive theoretical and video sessions between Faculty and course participants
- > 2 half-days of robotic surgery training on live tissue (mini-pigs) or anatomical specimens
- > Charge-free access to educational video resources available on WebSurg, the online university of the IRCAD

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