SEPTEMBER 8

ROBOTIC ASSISTED THORACIC SURGERY

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 PARTICIPANTS

SEPTEMBER 9

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

12:30 pm ○ LUNCH AT THE INSTITUTE

1:30 pm ○ **PRACTICAL SESSION**
TRAINING ON LIVE TISSUE (PIGS) AND SIMULATORS
> Development of technical skills in RATS: from basic skills and procedural skills using virtual simulation to live modelswith LUL and lymphadenectomy in pig models

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

This program may be subject to modifications.