



ESTS SCHOOL

ESTS
SCHOOL OF
THORACIC
SURGERY

KNOWLEDGE TRACK COURSE

18 -22 March 2024

Lindner Hotel Prague Castle, Prague, Czech Republic



An application will be made for accreditation to European Accreditation Council for Continuing Medical Education (EACCME®)

Course Organiser:

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President Elect
ESTS Director of Education
and Knowledge Track Course Coordinator

INFORMATION & REGISTRATION: www.ests.org



KNOWLEDGE TRACK COURSE

ESTS SCHOOL OF THORACIC SURGERY - KNOWLEDGE TRACK COURSE

18 -22 March 2024 · Lindner Hotel Prague Castle, Prague, Czech Republic



DAY 1: MONDAY 18 MARCH 2024

MODULE 1: INTRODUCTION

13.30-14.00 h **Welcome, opening remarks, presentation round**

14.00-14.15 h **ESTS school**

14.15-14.30 h **The EBTS certification process**

MODULE 2: PERIOPERATIVE MANAGEMENT

14.30-14.45 h **Comorbidity, fragility and disability**

14.45-15.00 h **Preoperative functional evaluation**

15.00-15.15 h **Anticoagulants, antiplatelet and stents**

15.15-15.30 h **Perioperative physiotherapy**

15.30-16.00 h **Coffee break**

MODULE 2-2: WEBINAR 1

16.00-17.00 h **Chest tube management: air leak, lung entrapment, digital systems, suction**

17.00-18.00 h **Case discussion on perioperative management**

18.30 h **Welcome reception at the hotel**

19.00 h **Interactive dinner**
Possibility of attendees presenting cases:
Free topic, structured presentation.
Maximum 10 minutes for each case

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MODULE 3: WHAT TO DO WHEN THINGS GO WRONG?

- 8.30-8.50 h **Management of postoperative respiratory insufficiency**
- 8.50-9.10 h **Management of postoperative empyema**
- 9.10-9.30 h **Management of intra-postoperative bleeding**
- 9.30-9.50 h **Management of perioperative cardiac complications**
- 9.50-10.30 h **Case discussion**
- 10.30-11.00 h Coffee break

MODULE 4: INFECTIOUS DISEASES OF THE LUNG

- 11.00-11.20 h **Bronchiectasis and Pneumonia**
- 11.20-11.40 h **Lung abscess and lung gangrene**
- 11.40-12.00 h **Hydatid disease**
- 12.00-12.20 h **Aspergilloma and fungal diseases**
- 12.20-12.40 h **TB and destroyed lung**
- 12:40 - 13:00 **Case discussion**
- 13.00-14.00 h Lunch

MODULE 5: AIRWAYS PATHOLOGY

- 14.00-14.15 h **Surgical anatomy of the airways**
- 14.15-14.35 h **Tumors of the large airways**
- 14.35-14.50 h **Surgical treatment of inflammatory stenosis**
- 14.50-15.05 h **Non-surgical treatment of inflammatory stenosis**
- 15.05-15.15 h **Tracheo-esophageal fistula (adults and children)**
- 15.15-15.30 h **Tracheostomy and mini-tracheostomy**
- 15.30-16.00 h **Case discussion**
- 16.00-16.30 h Coffee break

MODULE 6: CHEST WALL PATHOLOGY

- 16.30-16.45 h **Tumors of the chest wall and their treatment**
- 16.45-17.00 h **Principles of chest wall reconstruction**
- 17.00-17.15 h **Chest wall trauma**
- 17.15-17.30 h **Congenital deformities of the chest wall**

MODULE 6-2: WEBINAR 2

- 17.30-18.30 h **Pros and cons of chest wall trauma stabilization**
- 19.30 h **Dinner**

MODULE 7: MEDIASTINUM: BENIGN DISEASE

- 8.30-8.45 h **Mediastinitis**
- 8.45-9.00 h **Esophageal leak and rupture. Diagnosis and treatment**
- 9.00-9.15 h **Diagnosis and treatment of chylothorax**
- 9.15-9.30 h **Hyperhidrosis and the sympathetic chain**

MODULE 8: TUMORAL PATHOLOGY OF THE MEDIASTINUM

- 9.30-9.45 h **Thymoma classification. Masaoka and WHO**
- 9.45-10.00 h **Indications for upfront surgery vs multimodal treatment**
- 10.00-10.15 h **Extended resections of thymic tumors**
- 10.15-10.30 h **Neurogenic tumors**
- 10.30-11.00 h **Coffee break**

MODULE 9: SURGICAL PATHOLOGY OF THE ESOPHAGUS

- 11.00-11.20 h **Surgical anatomy of the esophagus**
- 11.20-11.35 h **GERD, hernia and short esophagus**
- 11.35-11.50 h **Benign disorders. Motility and diverticula**
- 11.50-12.10 h **Essentials of esophageal cancer (staging)**

12.10-12.25 h **Principles of surgical treatment for esophageal cancer**

12.25 -12.45 h **Multimodality treatment**

13.00-14.00 h **Lunch**

MODULE 10: PLEURAL DISEASES

- 14.00 -14.10 h **Primary and secondary pneumothorax**
- 14.10-14.20 h **Catamenial pneumothorax**
- 14.20-14.30 h **Management of benign pleural effusion**
- 14.30-14.40 h **Management of malignant pleural effusion**
- 14.40-14.50 h **Other pleural tumors**
- 14.50-15.00 h **Case discussion**
- 15.00-15.30 h **Coffee break**

MODULE 10-2: WEBINAR 3

16.00-17.00 **Mesothelioma**

19.30 h **Dinner with case presentations**

MODULE 11: LUNG CANCER: DIAGNOSIS AND STAGING

- 8.30-8.45 h **Incidence and screening of NSCLC**
- 8.45-9.00 h **TNM 8^o classification and prognosis**
- 9.00-9.15 h **The process of diagnosis and staging**
- 9.15-9.30 h **Invasive mediastinal staging**

MODULE 12: LUNG CANCER: EARLY STAGE TREATMENT

- 9.30-9.45 h **Principles of surgical treatment**
- 9.45-10.00 h **Surgical strategy for solid and GGO nodules**
- 10.00-10.20 h **Parenchyma saving procedures: Sleeve resections**
- 10.20-10.40 h **Parenchyma saving procedures: Sublobar resections**
- 10.40-10.50 h **The perfect systematic lymphadenectomy (technical video-based)**
- 10.50-11.05 h **SBRT and alternative treatments**
- 11.05-11.30 h **Coffee break**

MODULE 13: LUNG CANCER: ADVANCED STAGE TREATMENT

- 11.30-11.50 h **Chemotherapy, Target therapy and Immunotherapy**
- 11.50-12.05 h **Extended resections: mediastinal invasion**
- 12.05-12.20 h **Extended resections: chest wall and vertebral invasion**
- 12.20-12.35 h **Extended resections: airway invasion**
- 12.35-12.50 h **Combined modalities strategies**
- 12.50-13.00 h **Surgical treatment of stage IV**
- 13.00-14.00 h **Lunch**

MODULE 14: UNCOMMON TUMORS OF THE LUNG

8.30-8.45 h **Benign tumors of the lung**

8.45-9.00 h **Rare tumors of the lung**

9.00-9.15 h **Neuroendocrine tumors**

9.15-9.30 h **Sublobar resection**

MODULE 15: RESPIRATORY INSUFFICIENCY

9.30-9.45 h **Diagnosis and classification of pulmonary hypertension**

9.45-10.00 h **Medical and surgical treatment of pulmonary hypertension**

10.00- 10.20 h **Invasive management of emphysema**

10.20-10.40 h **Essentials of ECMO**

10.40-11.00 h **Principles of lung transplantation**

11.00-11.30 h **Coffee break**

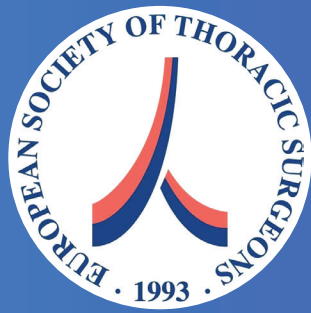
MODULE 16: CONGENITAL/PEDIATRIC THORACIC PATHOLOGY

11.30-12.00 h **Congenital diseases of the thorax**

12.00-13.00 h **Honorary lecture**

13.00-14.00 h **Lunch**

13.00-16.30 h **ESTS Grand Prix**



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