



ESTS SCHOOL

**ESTS
SCHOOL OF
THORACIC
SURGERY**

KNOWLEDGE TRACK COURSE

April 7-11 2025

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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INFORMATION & REGISTRATION: www.ests.org

On site faculty



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Enrico Ruffini, Torino, Italy



David Waller, London, UK



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DAY 1: MONDAY APRIL 7 2025

MODULE 1: INTRODUCTION

- 13.30-14.00 h **Welcome, intro and round of introductions**
A. Bertani
- 14.00-14.15 h **Education and surgery: ESTS School**
A. Bertani
- 14.15-14.30 h **EBTS certification**
L. Depypere

MODULE 2: PERIOPERATIVE MANAGEMENT

- 14.30-14.45 h **Assessment and management of cardiac comorbidities**
L. Rosso
- 14.45-15.00 h **Assessment and management of respiratory comorbidities**
L. Depypere
- 15.00-15.15 h **Eras in thoracic surgery**
A. Bertani
- 15.15-15.30 h **Management of patients requiring anticoagulation**
L. Rosso
- 15.30-16.00 h Coffee break

MODULE 3: CHEST TUBES AND AIR LEAKS

- 16.00-16.15 h **Intraoperative management and prevention of air leaks**
L. Depypere
- 16.15-16.30 h **Non-surgical management of air leaks**
L. Rosso
- 16.30-16.45 h **Indications and timing of re-operation**
J. Furak
- 16.45-17.30 h **Chest tubes and air leaks-2025 update**
R. Cerfolio [REMOTE]
- 17.30-18.00 h **Case discussions**
J. Furak, L. Rosso, A. Bertani
- 19.00-21.00 h **Dinner with case presentations re: difficult cases**
All faculty

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MODULE 4: COMPLICATIONS IN THORACIC SURGERY

- 8.30-8.45 h **Bleeding**
I. Hanke
- 8.45-9.00 h **Infection. Empyema and sepsis**
J. Furak
- 9.00-9.15 h **Cardiorespiratory complications**
L. Rosso
- 9.15-10.00 h **Prevention of complications**
H. Decaluwe [REMOTE]
- 10.00-10.30 h **Case discussion**
I. Hanke. / J. Furak / L. Rosso
- 10.30-11.00 h Coffee break

MODULE 5: INFECTIOUS DISEASES OF THORACIC INTEREST

- 11.00-11.15 h **Lung abscess**
I. Hanke
- 11.15-11.30 h **Fungal disease of the lung**
A. Bertani
- 11.30-11.45 h **Chronic suppurative lung disease**
L. Rosso
- 11.45-12.00 h **Hydatid disease**
S. Boubia [REMOTE]
- 12.00-12.45 h **Chest tubes and air leaks in 2025**
A. Mariani [REMOTE]
- 12.45-13.00 h **Case discussion**
A. Bertani / L. Rosso / I. Hanke
- 13.00-14.00 h Lunch

MODULE 6: AIRWAY DISEASES

- 14.00-14.15 h **Anatomy and physiology of the airway**
I. Hanke
- 14.15-14.30 h **Benign airway disease**
L. Depypere
- 14.30-14.45 h **Malignant airway disease**
J. Furak
- 14.45-15.00 h **Non surgical management**
L. Rosso
- 15.00-15.15 h **Tracheostomy techniques**
TBC
- 15.15-16.00 h **Surgical techniques for the treatment of airway disease**
K. Hoetzenecker [REMOTE]
- 16.00-16.15 h **Case discussion**
L. Depypere / J. Furak / L. Rosso
- 16.15-16.45 h Coffee break

MODULE 7: CHEST WALL DISEASES

- 16.45-17.00 h **Anatomy and physiology of the chest wall**
I. Hanke
- 17.00-17.15 h **Deformities of the chest**
L. Rosso
- 17.15-17.30 h **Chest trauma**
I. Hanke
- 17.30-17.45 h **Malignancies of the chest wall**
L. Depypere
- 17.45-18.30 h **Surgical chest wall reconstruction**
G. Rocco [REMOTE]
- 18.30-18.45 h **Case discussion**
I. Rosso / I. Hanke / L. Depypere
- 19.30-21.00 h **Dinner**

MODULE 8: DISEASES OF THE MEDIASTINUM

- 8.30-8.45 h **Anatomy and physiology**
L. Rosso
- 8.45-9.00 h **Mediastinitis**
I. Hanke
- 9.00-9.15 h **Esophageal leak**
A. Bertani
- 9.15-9.30 h **Myasthenia gravis: surgeons point of view**
TBC
- 9.30-9.45 h **Diagnosis and treatment of diaphragmatic disorders**
N. Novoa
- 9.45-10.15 h **Diagnosis and surgical management of hyperhidrosis**
F. Raveglia [REMOTE]
- 10.15-10.30 h **Case discussion**
A. Bertani / L. Rosso / I. Hanke
- 10.30-11.00 h Coffee break

MODULE 9: THYMOMA AND MEDIASTINAL MALIGNANCIES

- 11.00-11.15 h **Thymoma : definition and classification**
A. Bertani
- 11.15-11.30 h **Thymoma principles of treatment**
L. Rosso
- 11.30-11.45 h **Neurogenic tumors**
L. Depypere
- 11.45-12.00 h **Non thymoma tumors of mediastinum**
H. Schreurs
- 12.00-12.45 h **Surgery of thymoma and other mediastinal tumors**
E. Ruffini [REMOTE]
- 12.45-13.00 h **Case discussion**
A. Bertani / L. Rosso / H. Schreurs
- 13.00-14.00 h Lunch

MODULE 10: PLEURAL DISEASES

- 14.00-14.15 h **Pneumothorax**
H. Schreurs
- 14.15-14.30 h **Pleural effusion**
A. Bertani
- 14.30-14.45 h **Mesothelioma: diagnosis and staging**
N. Novoa
- 14.45-15.00 h **Other pleural tumors**
I. Hanke
- 15.00-15.45 h **Surgical options for the treatment of mesothelioma**
D. Waller [REMOTE]
- 15.45-16.00 h **Case discussion**
H. Shreurs / I. Hanke / A. Bertani
- 16.00-16.30 h Coffee break

MODULE 11: ESOPHAGEAL DISEASES

- 16.30-16.45 h **Benign esophageal disorders- 1 (gerd and hernias)**
A. Bertani
- 16.45-17.00 h **Benign esophageal disorders-2 (motility)**
L. Depypere
- 17.00-17.15 h **Esophageal cancer- diagnosis and staging**
B. D'journo [REMOTE]
- 17.15-17.30 h **Esophageal cancer- multimodality treatment**
H. Batirel [REMOTE]
- 17.30-18.15 h **Surgical treatment of esophageal cancer**
J. Luketich [REMOTE]
- 18.15-18.30 h **Case discussion**
A. Bertani / L. Depypere
- 19.30-21.30 h **Dinner with video presentations**

MODULE 12: LUNG CANCER 1: DIAGNOSIS AND STAGING

- 8.30- 8.45 h **Classification of NSCLC**
I. Hanke
- 8.45- 9.00 h **Screening of lung cancer**
A. Bertani
- 9.00- 9.15 h **Diagnosis and profiling**
H. Schreurs
- 9.15- 9.30 h **Staging of NSCLC**
N. Novoa
- 9.30- 10.15 h **Management of ggo lesions**
R. Petersen [REMOTE]
- 10.15- 10.30 h **Case discussion**
A. Bertani / I. Hanke / N. Novoa
- 10.30-11.00 h Coffee break

MODULE 13: LUNG CANCER 2 - EARLY STAGES

- 11.00-11.15 h **Standard resection techniques VATS/robotics**
N. Novoa
- 11.15-11.30 h **Lymphadenectomy-principles and technique**
A. Bertani
- 11.30-11.45 h **Sleeve resections**
C. Aigner
- 11.45-12.30 h **Sublobar resection**
T. D'amico [REMOTE]
- 12.30-12.45 h **Alternative localized treatments**
H. Schreurs
- 12.45-13.00 h **Case discussion**
A. Bertani-n. Novoa. H. Schreurs
- 13.00-14.00 h Lunch

MODULE 14: LUNG CANCER 3: ADVANCED STAGE

- 14.00-14.15 h **Principles of multimodal management**
C. Aigner
- 14.15-14.30 h **Staging issues in locally advanced**
A. Bertani
- 14.30-14.45 h **Surgery in t4- airway and mediastinum**
N. Novoa
- 14.45-15.30 h **Surgery after neoadjuvant chemo / immuno**
A. Brunelli [REMOTE]
- 15.30-15.45 h **Surgery for chest wall and vertebral invasion**
C. Aigner
- 15.45-16.00 h **Surgical management of stage IV disease**
H. Schreurs
- 16.00-16.15 h **Lung metastases from other malignancies**
A. Bertani
- 16.15-16.30 h **Case discussion**
A. Bertani / C. Aigner / H. Schreurs

MODULE 15: OTHER TUMORS OF THE LUNG

8.30-8.45 **Benign and rare tumors**

C. Aigner

8.45-9.00 **Neuroendocrine tumors**

H. Schreurs

9.00-9.15 **SCLC**

N. Novoa

9.15-9.30 **Pediatric tumors**

A. Bertani

12.00-13.00 h **Honorary lecture**

N. Novoa

13.00-14.00 h Lunch

14.00-16.00 h **ESTS Grand Prix**

All Faculty

MODULE 16: RESPIRATORY INSUFFICIENCY

9.30-9.45 h **End-stage respiratory disease and the surgeon**

A. Bertani

9.45-10.00 h **Use of ecmo in thoracic surgery**

C. Aigner

10.00-10.15 h **Surgical treatment of emphysema**

H. Schreurs

10.15-10.30 h **Surgical treatment of pah**

I. Opitz [REMOTE]

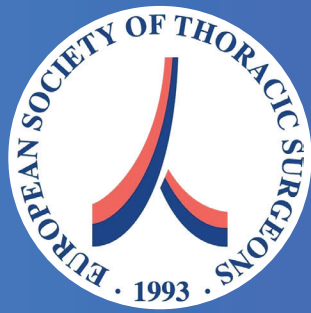
10.30-11.00 h Coffee break

11.00-11.45 h **Current trends in lung transplantation**

L. Ceulemans [REMOTE]

11.45-12.00 h **Case discussion**

A. Bertani / C. Aigner



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