



ESTS SCHOOL

ESTS
SCHOOL OF
THORACIC
SURGERY

KNOWLEDGE TRACK COURSE

10-11 May 2021

VIRTUAL EDITION



An application will be made to the EACCME® for CME accreditation of this event

Course Organisers:
Hasan Batirel, Istanbul, Turkey
ESTS Director of Education

Nuria Novoa, Salamanca, Spain
Knowledge Track Course Coordinator

INFORMATION & REGISTRATION: www.ests.org

FACULTY

Theoretical knowledge and Case presentation- discussion



Clemens Aigner, Essen, Germany



Hasan Batirel, Istanbul, Turkey
ESTS Director of Education



Gail Darling, Toronto, Canada



Laura Donahoe, Toronto, Canada



Gilbert Massard, Luxembourg
ESTS Past President



Nuria Novoa, Salamanca, Spain
ESTS Knowledge Track Course Coordinator



Cecilia Pompili, Leeds, UK



Enrico Ruffini, Torino, Italy
ESTS President

Live webinar



Henning A. Gaissert, Boston, USA



Ilhan Inci, Zurich, Switzerland



Scott Swanson, Boston, USA



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FORMAT OF THE COURSE

2 days live activities including the live presentations, the invited lectures of the webinars and the presidential address plus access to pre-recorded theoretical lectures.

The formats of each part will be as below:

- Live presentations: live case-discussion by faculty, 7-10 minutes allocated for each case with open discussion as a whole or in subgroups.
- Webinars: 30 minutes divided in up to 25 minutes of presentation, leaving 5-10 minutes for discussion.
- Presidential address: 20 -30 minutes
- Pre-recorded theoretical lectures: 10 -15 min maximum. All presentations will focus on evidence and will present a summary with take-home messages.
- The theoretical lectures will be available to participants one week before the virtual course.

Timing for the live sessions

CET: 11:00 to 13:00 then 30 minutes lunch time and then 13:30 to 15:30

Japanese time: 7pm to 9:00 pm half hour break and then 9:30pm to 11:30pm

Brazil: 7am to 9am then half hour break and then 9:30 am to 11:30 am.

Social program

Initial round of presentations and initial reception

First day welcome reception: Lunch time when the participants will be invited to a virtual toast.

Last day farewell at lunch time.

Two interesting cases shared by the attendants will be chosen. The faculty will supervise the presentations.

Registration fees

100 euros for ESTS trainee members

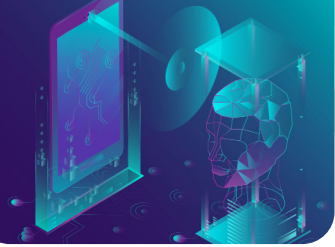
150 euros for ESTS members

250 euros for non-members

Registration and payment deadline

Friday 16 April 2021, but registration may close earlier if the course is full.

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LIVE PROGRAM

DAY 1: MAY 10

11:00-13:00 h CET

- 11:00-11:15 h **Welcome introduction and presentations**
H. Batirel & N. Novoa
- 11:15-11:45 h **Case-discussion on Preoperative evaluation**
C. Pompili & N. Novoa
- 11:45-12:15 h **Case-discussion on Perioperative management**
C. Aigner & H. Batirel
- 12:15-12:45 h **Case-discussion on Management of prolonged air leak**
C. Pompili & H. Batirel
- 12:45 h **Open case presentation and discussion sharing the screen from an attendant**
All faculty
- Final remark: 5 minutes for other comments/questions**
H. Batirel & N. Novoa

LUNCH TIME

13:30-15:30 h CET

- 13:30-14:00 h **Webinar 1**
Airway tumors and their treatment
H.A. Gaissert
- 14:00-14:30 **Case-discussion on airway stenosis management**
C. Aigner & N. Novoa
- 14:30-14:45 h **Case-discussion on chest wall trauma**
G. Massard & H. Batirel
- 14:45-15:00 h **Case-discussion on chest wall tumors**
C. Aigner & G. Massard
- 15:00-15:15 h **Case-discussion on chest wall deformities**
N. Novoa & G. Massard
- 15:15 h **Case-discussion on diaphragmatic defects**
C. Aigner & N. Novoa
- Final remarks: 5 minutes for other comments/questions**
H. Batirel & N. Novoa



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LIVE PROGRAM

DAY 2: MAY 11

11:00-13:00 h CET

- 11:00-11:30 h **Case-discussion on mediastinitis management**
H. Batirel & G. Darling
- 11:30-11:45 h **Case-discussion on management of esophageal leak and rupture**
G. Darling & H. Batirel
- 11:45-12:00 h **Case-discussion on thyroid pathology**
N. Novoa & H. Batirel
- 12:00-12:45 h **Webinar 2**
Essentials of lung transplantation
I. Inci
- 12:45 h **Case-discussion on Hyperhydrosis**
G. Darling & N. Novoa
- 5 minutes open for other comments/questions**
H. Batirel & N. Novoa

LUNCH TIME

13:30-15:30 h CET

- 13:30-14:00 h **Webinar 3**
Parenchyma saving operations: sleeve lobectomy and sublobar resections
S. Swanson
- 14:00-14:15 h **Case-discussion on management on pleural effusions**
G. Darling & H. Batirel
- 14:15-14:30 h **Case-discussion on secondary pneumothorax**
N. Novoa & G. Darling
- 14:30-14:55 h **Case-discussion on thymic pathology**
E. Ruffini & H. Batirel
- 14:55 h **Open case presentation and discussion sharing the screen from an attendant**
All faculty
- 5 minutes open for other comments/questions**
H. Batirel & N. Novoa
- 15:10 h **Honorary lecture - ESTS president**
E. Ruffini
- Final remarks and fare well**

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THEORETICAL PROGRAM

(Theoretical content included as pre-recorded lectures)

MODULE 1: PERI- AND POST-OPERATIVE MANAGEMENT

Preoperative functional evaluation

C. Pompili

Chest tube management

N. Novoa

Anticoagulants, antiplatelet and stents

H. Batirel

Perioperative physiotherapy

N. Novoa

MODULE 2: WHAT TO DO WHEN THINGS GO WRONG?

Management of Prolong Air-Leak

C. Pompili

Management of Postoperative empyema

N. Novoa

Management of postoperative bleeding

H. Batirel

Management of cardiac complications after surgery

C. Pompili

Management of unusual lung complications after resection

H. Batirel

MODULE 3: INFECTIOUS DISEASES OF THE LUNG

Hydatid disease

H. Batirel

Aspergilloma & Fungal diseases

N. Novoa

Lung abscess and lung gangrene

H. Batirel

TB and destroyed lung

C. Pompili

MODULE 4: TRACHEA AND AIRWAYS

Principles of tracheal surgery

C. Aigner

Surgical treatment of tracheal inflammatory stenosis

C. Aigner

Non-surgical treatment of tracheal stenosis: Stenting, T-Tubes

N. Novoa

Tracheoesophageal fistula

H. Batirel

Tracheostomy and mini-tracheostomy

C. Pompili

MODULE 5: CHEST WALL

Chest wall trauma

G. Massard

Thoracic visceral injuries

G. Massard

Tumors of the chest wall and their treatment

C. Aigner

Principles of chest wall reconstruction

G. Massard

Congenital deformities of the chest wall

N. Novoa

Thoracic outlet syndrome

C. Aigner

Traumatic rupture of the diaphragm

G. Darling

MODULE 6: THYROID

Intrathoracic Goiter. Surgical treatment

N. Novoa

Thyroid cancer

G. Massard



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THEORETICAL PROGRAM

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MODULE 7: PULMONARY INTERSTITIAL DISEASE

Idiopathic pulmonary fibrosis

N. Novoa

MODULE 8: PULMONARY HYPERTENSION

Diagnosis and classification of pulmonary hypertension

H. Batirel

Medical and surgical treatment of pulmonary hypertension

G. Darling

MODULE 9: RESPIRATORY FAILURE

Initial management of postoperative respiratory insufficiency

C. Pompili

Invasive management of emphysema

H. Batirel

Essentials of ECMO

G. Massard

MODULE 10: ESOPHAGEAL DISEASES

GERD, hernia and short esophagus

G. Darling

Benign disorders: motility and diverticula

H. Batirel

Essentials of esophageal cancer including staging

G. Darling

Principles of surgical treatment in esophageal cancer

H. Batirel

MODULE 11: PLEURA

Pneumothorax: primary and secondary

N. Novoa

Catamenial pneumothorax

G. Darling

Management of benign pleural effusion

H. Batirel

Management of malignant pleural effusion

G. Darling

Management of residual pleural space

N. Novoa

Pleural tumours: mesothelioma

H. Batirel

Other pleural tumours

G. Massard

MODULE 12: MEDIASTINUM- BENIGN CONDITIONS

Mediastinitis

H. Batirel

Esophageal leak and rupture

G. Darling

Diagnosis and management of chylothorax

N. Novoa

Hyperhidrosis and the sympathetic chain

G. Darling

MODULE 13: MEDIASTINUM TUMORS/MASSES

Thymoma: WHO and Masaoka staging

E. Ruffini

Principles of the surgical treatment of thymic tumors

E. Ruffini

Indications for upfront surgery vs multimodality treatment

G. Darling

Extended resections

E. Ruffini

Neurogenic tumors

G. Darling

Hyperparathyroidism

N. Novoa

Germ cell tumors of the mediastinum

L. Donahoe



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