ESTS School of Thoracic Surgery – Knowledge Track Course
“Antalya Revisited in Prague”

13 – 18 March 2017
Lindner Hotel Prague Castle
Strahovska 128
Prague, Czech Republic

Organisers: Gilbert Massard, ESTS Director of Education
Hasan Batirel, Knowledge Track Course Co-ordinator

ESTS School of Thoracic Surgery is designated for a maximum of, or up to,
27 European CME credits (ECMEC).

Formats:
- Case based teaching (CBT) = 1 case with 3-4 MCQ to discuss, followed by
  essentials/rules/guidelines
- Case discussion (CD): to show that different options are possible in absence of strict
  evidence
- Learn from peers (LFP): case presentation by junior, essential messages by faculty
- State of the art lecture (SOTA): overview on a specialized issue
- Essentials: focus on evidence, take home messages

Faculty:
- Jalal Assouad, Paris, France
- Tim Batchelor, Bristol, UK
- Hasan Batirel, Istanbul, Turkey. Knowledge Track Coordinator
- Pier Luigi Filosso, Turin, Italy
- Kirill Gestkov, Moscow, Russian Federation
- Jaroslaw Kuzdzal, Krakow, Poland. ESTS President
- Gilbert Massard, Strasbourg, France. ESTS Director of Education
- Giovanni Battista Migliori, Director WHO Collaborating Centre for TB and Lung Diseases, Tradate, Italy
- Nuria Novoa, Salamanca, Spain
- Kostas Papagiannopoulos, Leeds, UK. ESTS Treasurer, President Elect
Monday 13 March 2017:
Hot Buffet Lunch is available in Senses Restaurant from 12 midday

Day 1 – Monday 13 March 2017

Module 1: Introduction

13.30 Welcome, opening remarks, presentation round  G Massard
14.00 ESTS school, EBTS  G Massard
14.30 Case based: preoperative functional evaluation (CBT)  G Massard, H Batirel

15.30 – 16.00 Coffee break

Module 2: Peri- and post-operative management

16.00 Anaesthesia and peri-operative management of ventilation  G Massard
16.20 Chest tube management  N Novoa
16.40 Antibiotic and antithrombotic prophylaxis (CBT)  P L Filosso
17.00 Anticoagulants, antiplatelet and stents (CBT)  G Massard
17.20 Enhanced recovery after surgery  J Assouad

17.50  Feedback day 1

18.30  Interactive dinner, Senses Restaurant, Linder Hotel Prague Castle

Ugly case presentations to break the ice!

Day 2 – Tuesday 14 March 2017

Module 3: What to do when things go wrong?

8.30 Diagnosis and treatment of pulmonary complications  P L Filosso
8.50 Case based: ARDS – indications for ECMO  (CBT)  J Assouad
9.00 Bronchopleural fistula: case- based  (CBT)  K Gestkov
9.10 Post-op empyema after pneumonectomy  (CD)  K Gestkov
9.40 Management of prolonged air leak  K Gestkov
10.00 Esophageal leak  Learn from peers

10.25 Coffee break

10.45 Recurrent laryngeal nerve injury (CBT)  H Batirel
11.05 Post-op bleeding  J Assouad

Module 4: Paediatric Thoracic Surgery

11.25 Embryology & congenital diseases of the lung:  H Batirel
   State-of-the-art lecture  (SOTA)

12.30 lunch
Module 5: Infectious diseases of the lung

13.30 Bronchiectasis                  G Massard
13.50 Hydatid disease                H Batirel
14.10 Aspergilloma & fungal diseases G Massard
14.30 Rare infections: atypical mycobacterial infections, lung abscess and gangrene (CBT) H Batirel

15.00 Coffee break

Module 6: TB and destroyed lung

15.30 TB: Epidemiology-natural history-diagnosis-treatment (SOTA) G B Migliori

16.15 TB: Indications for surgery: covers invasive diagnosis, MDR/XDR, destroyed lung, cavernous disease, tuberculoma, bilateral disease, massive hemoptyis with a clinical case for each scenario G Massard, H Batirel

17.15  Feedback day 2

19:30 Dinner in Senses Restaurant, Lindner Hotel Prague Castle

Day 3 – Wednesday 15 March 2017

Module 7: Lung cancer – diagnosis and staging

8.30  Epidemiology and screening                G Massard
9.00  Histologic classification (WHO) and TNM  P L Filosso
9.20  Diagnosis and staging                     N Novoa
9.40  Invasive mediastinal staging: when and how N Novoa
10.00 A patient with single station lymph node enlargement: case discussion (CD) N Novoa

10.30 Coffee break

Module 8: Lung cancer – basics of treatment

11.00  Principles of surgery for lung cancer (anatomic resection, node dissection) J Assouad
11.20  Parenchyma saving operations 1: sublobar resection (CBT) G Massard
11.40  Parenchyma saving operations 2: sleeve lobectomy (LFP) J Assouad
12.00  Neuro-endocrine tumours                  J Assouad

12.30 Lunch
Module 9: Lung cancer – advanced disease

13.30 Combined modality strategies  P L Filosso
14.00 Extended resections: indications and results  K Gestkov
14.30 Multiple primaries and oligometastatic cancer (CD)  H Batirel
15.00 Lung metastases  P L Filosso

15.30 Coffee break

Module 10: Lung cancer: rare tumours and future of surgery

16.00 Rare tumours  P L Filosso
16.30 VATS and future directions: robotics, SBRT  G Massard

Module 11: Lung cancer: back to real life !!

16.50 Case based discussions  K Gestkov, G Massard, P L Filosso
   - central cancer with marginal physiology
   - bilateral lesions

17.30 Feedback

21.00 Dinner and Oscar night - Senses Restaurant, Lindner Hotel Prague Castle Surgical videos.

Day 4 – Thursday 16 March 2017

Module 12: Mediastinum, anterior compartment

8.30 Surgical anatomy of the mediastinum  N Novoa
8.50 Mediastinitis  (CBT)  H Batirel
9.10 Thymoma: WHO and Masaoka stages  P L Filosso
9.30 Myasthenia gravis and other parathymic syndromes  P L Filosso
9.50 Germ cell tumours of the mediastinum  (CBT)  G Massard

10.20 coffee break

Module 13: Mediastinum, middle and posterior compartments

10.50 Mediastinal cysts  H Batirel
11.10 Diagnosis of mediastinal lymph node diseases (CBT)  K Papagiannopoulos
11.30 Diagnosis and management of chylothorax (CD)  N Novoa
12.00 Neurogenic tumours and sympathetic chain  N Novoa

12.30 Lunch
Free afternoon
Day 5 – Friday 17 March 2017

Module 14: Diaphragm

8.30 Surgical anatomy of the diaphragm and congenital defects (CBT)  T Batchelor
8.50 Diaphragmatic eventration (CBT)  H Batirel
9.20 Traumatic rupture of the diaphragm (LFP)  T Batchelor
9.40 Diaphragmatic pacing  H Batirel

10.00 Coffee break

Module 15: Trachea and airways

10.30 Surgical anatomy of major Airways  K Papagiannopoulos
10.50 Principles of surgery and ventilation management  G Massard
11.10 Tumours of trachea and large Airways  G Massard
11.40 Inflammatory stenosis of the trachea  K Papagiannopoulos
12.00 Tracheo-esophageal fistula (CBT)  T Batchelor
12.20 Palliative management  K Papagiannopoulos

13.00 Lunch

Module 16: Esophagus

14.00 Surgical anatomy of the esophagus  T Batchelor
14.20 GERD, hernia and short esophagus  H Batirel
14.40 Benign disorders: motility, benign tumours  H Batirel
15.00 Essentials of esophageal cancer including resection (SOTA)  H Batirel
15.45 Esophageal disruption (CD)  J Kuzdzal

16.15 Coffee break

Module 17: Pleura

16.45 Pleural anatomy and physiology  T Batchelor
17.00 Pneumothorax  J Kuzdzal
17.20 Pleural infections: essentials  T Batchelor
17.40 Pleural tumours  H Batirel

18.00 Reflection of the day

19:30 Dinner in Senses Restaurant Lindner Hotel Prague Castle
Day 6 – Saturday 18 March 2017

Module 18: Chest wall

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8.30</td>
<td>Chest wall trauma</td>
<td>G Massard</td>
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<tr>
<td>8.50</td>
<td>Thoracic visceral injuries</td>
<td>K Papagiannopoulos</td>
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<tr>
<td>9.10</td>
<td>Tumours of the chest wall</td>
<td>K Papagiannopoulos</td>
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<tr>
<td>10.10</td>
<td>Thoracic outlet syndrome</td>
<td>J Kuzdzal</td>
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10.30 Coffee break

Module 19: Respiratory failure

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</thead>
<tbody>
<tr>
<td>11.00</td>
<td>Essentials of lung transplantation (SOTA)</td>
<td>G Massard</td>
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<tr>
<td>11.50</td>
<td>Invasive management of emphysema</td>
<td>T Batchelor</td>
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<tr>
<td>12.10</td>
<td>Essentials of ECMO</td>
<td>T Batchelor</td>
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12.30 Lunch

Honorary Lecture – ESTS President

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<tbody>
<tr>
<td>13.30</td>
<td>Mobility during training: short lecture + discussion</td>
<td>J Kuzdzal</td>
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<td>14.15</td>
<td>ESTS Grand Prix</td>
<td>All faculty/participants</td>
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<td>15.45</td>
<td>Feedback and farewell</td>
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