ESTS SCHOOL OF THORACIC SURGERY
11-15 March 2015 Antalya, Turkey

Confirmed Faculty:
Hasan F. Batirel, Istanbul, Turkey
Korkut Bostanci, Istanbul, Turkey
Kirill Getskov, Moscow, Russia
Semih Halezeroglu, Istanbul, Turkey
Gilbert Massard, Strasbourg, France
Isabelle Opitz, Zurich, Switzerland
Pascal Thomas, Marseille, France
Alper Toker, Istanbul, Turkey
Gonzalo Varela, Salamanca, Spain
Douglas West, Bristol, UK

Novel Format
1. Integrated lectures 20 min – followed by 1 case presentation (10 min) and 1 surgical video (10 min) on the subject by faculty members other than the presenter (can be 2 case presentations if video is irrelevant). (So if the presenter is X, Y will present a case and Z will show his/her surgical video on the subject). These presentations will be by faculty members. This kind of a format will integrate all the knowledge and allow trainees to witness different approaches by the faculty members – thus diversity.
2. Learn from Peers Session – An unusual case/s will be presented by one of the attendees and will be discussed by other trainees. 2 faculty members will be moderators. The cases can be given to trainees before the meeting by the faculty members or they can bring cases from their clinic.
3. Surgical grand prix (final day event) – The trainees will be grouped to 5-10 teams (5 in each team) and each case will have 3-4 questions a total of 10 cases. Best scoring team will win. We will have timer in certain questions – like you have 15 seconds to answer etc. The winning team will receive a symbolic award.
4. Feedback and reflections session for 10 minutes after every morning and afternoon sessions.

11 March 2015, Wednesday
MORNING
07:45-10:00

Introduction to School/Science
Chair: GM
• 7:45 – 8:00 Opening remarks GM, HB
• 8:00 – 8:30 European Board of Thoracic Surgery – eligibility & examination process GM
• 8:30 – 9:00 How I get my paper published GV
• 9:00 – 10:00 Pulmonary anatomy, embryology and congenital diseases - Classical Lecture HB

break
Chair: HB
• 10:30-10:50 Preoperative pulmonary and cardiac evaluation GM
• 10:50-11:10 Two relevant case presentations GM
• 11:10–11:30 Thoracic Anesthesia – Surgeon Related Issues GM
12:00-13:30
**AFTERNOON**
13:30-15:30

**Mediastinum, Pleura & Diaphragm**

*Chair: GV*

- 13:30 – 13:50 Posterior and Middle Mediastinal Tumors *AT*
- 13:50-14:00 Case presentation – Solitary fibrous tumor *GV*
- 14:00-14:10 Video – VATS resection of a neurogenic tumor *HB*
- 14:20 – 14:40 Anterior Mediastinal Tumors and Thymectomy – *AT*
- 14:40-14:50 Case presentation – A germ cell tumor *HB*
- 14:50-15:10 Axillary and Palmar Hyperhidrosis cases – *HB*
- 15:10 – 15:30 Learn from Peers – Diaphragmatic Eventration and Morgagni Hernia Cases – Discussion and Surgical Technique (cases will be provided by Hasan Batirel and discussed by attendees)

15:30 – 16:00

**break**

*Chair: AT*

- 16:00 – 16:20 Management of pneumothorax and palliation of malignant pleural effusion *KG*
- 16:20-16:30 Case presentation – Recurrent and Catamenial Pneumothorax *IO*
- 16:30-16:40 Video – VATS pleurectomy and wedge resection *KG*
- 16:40-17:00 Malignant pleural mesothelioma *IO*
- 17:00 – 17:10 Case presentation – Stage II mesothelioma *HB*
- 17:10-17:20 Video – Pleurectomy for Mesothelioma *IO*
- 17:20-17:40 Empyema *GV*
- 17:40-17:50 Case presentation – Complicated Parapneumonic effusion *GV*
- 17:50-18:00 Video – VATS debridement *KG*

18:00 – 18:10 Reflections and Feedback of the Day

19:30-22:00

**Welcome Dinner – Fish restaurant**

**12 March 2015, Thursday Hour**

**MORNING**

07:45-09:15

**Pulmonary Neoplastic –Part I**

*Chair: IO*

- 7:45- 8:10 Epidemiology, prognosis, screening and follow-up for lung cancer *GM*
- 8:10 – 8:30 Staging of NSCLC *GV*
- 8:30 – 8:50 Invasive mediastinal staging – EBUS and Mediastinoscopy *KB*
8:50 – 9:10 Case presentations – one case with subcarinal and one with 2R, 4R involvement GV
9:00-9:30 Video Presentations – 2 Videomediastinoscopy, Mediastinal Dissection - VATS mediastinal dissection KB, AT
9:30 – 9:50 Case presentations – 3 lung cancer cases with different stages (one with cT1a, one with cT2N1 and one with CT4Nx (recurrent LN invasion – left hilar) AT, GM

break

Chair: KG

10:40 – 11:00 How to save parenchyma A. Sleeve resections (vascular and bronchial: technics and results) AT
11:00 – 11:10 Case presentation – sublobar resection GM
11:10 – 11:20 Video presentation – Sleeve resection GV
11:20 – 11:40 Role of VATS in lung cancer Surgery HB
11:40 – 11:50 Video presentation – VATS lobectomy KG
11:50-12:00 Reflections and Feedback

Lunch

Pulmonary Neoplastic – Part II

Chair: AT

13:30 – 13:50 Principles and priorities of neoadjuvant and adjuvant therapy IO
13:50-14:10 Learn from Peers – One neoadjuvant CRT and one adjuvant chemotherapy case (cases will be provided by HB and discussed by attendees)
14:10 – 14:30 Restaging and surgery after induction therapy GV
14:30- 14:50 Case discussions 2 cases – risks of neoadjuvant treatment postoperative complications – postoperative empyema and intraoperative bleeding. IO
14:50 – 15:00 Video presentation - VATS resection following neoadjuvant treatment AT

break

Chair: HB

15:00 – 15:30 Unusual tumors – Pancoast and other T4 lesions GV
15:30 – 16:10 Case presentations – Other T4 tumors AT
16:10 – 16:30 Video presentations – Dartevelle approach to Superior sulcus tumors HB
16:30 – 16:50 Role of Surgery in Stage IV lung cancer IO
16:50 – 17:10 Case discussions 2 cases – one with brain metastasis and one with adrenal metastasis HB, IO
17:10 – 17:20 Video presentation - Unusual
cancer resections with Robot. AT
• Reflections and Feedback of the Day

13 March 2015, Friday Hour
MORNING
08:00-10:00

Subjects
Esophageal
Chair: HB
• 08:00-08:20 Gastroesophageal reflux and Paraesophageal Hernia - thoracic surgeon’s role HB
• 08:20-08:30 Case presentation – Chronic reflux short esophagus HB
• 08:30-08:40 Video presentation – Laparoscopic giant paraesophageal hernia repair HB
• 08:40-09:00 Motility disorders of the esophagus Divertica and Achalasia HB
• 09:00-09:20 Case Presentations – Midesophageal diverticula and large Zenker’s diverticula extending to the chest HB
• 09:20-09:30 Video presentation - Thoracoscopic management of esophageal diverticula HB
• 09:30-09:50 Benign tumors of the esophagus PT
• 09:50-10:00 Video presentation - Thoracoscopic removal of leiomyoma PT

Break
Chair: PT
• 10:30 – 10:50 Staging of esophageal cancer PT
• 10:50-11:10 Case Presentations – Early and late stage esophageal cancer HB
• 11:10-11:30 Surgical Principles for esophageal cancer PT
• 11:30 – 11:50 Video presentations – Minimally invasive Ivor Lewis esophagectomy and Esophageal mobilization. HB
• 11:50 – 12:10 Learn from Peers – Esophageal Cancer Surgery Complications – Cases Thoracic Anastomotic Leak and Chylothorax (cases will be provided by HB and discussed by attendees)
• 12:10 – 12:20 Video presentations – Thoracoscopic ligation of the thoracic duct AT
• 11:50-12:00 Reflections and Feedback

Free afternoon
AFTERNOON

Antalya Tour (optional)

14 March 2015, Saturday Hour
MORNING
08:00-10:00

Subjects
Pulmonary Non-neoplastic
Chair: PT
• 08:00 – 8:40 Lung transplantation: state of the art PT
• 08:40 – 09:00 Case presentations Two cases
with end stage lung disease candidates for lung Tx – IPF and Cystic Fibrosis

- **09:00 – 09:10** Video: Bilateral lung transplantation **GM**
- **09:10 – 09:30** Surgeons role in the treatment of emphysematous lung **KB**
- **09:30 – 09:40** Case presentation – Ideal candidate for LVRS – upper lobe predominant emphysema **KB**
- **09:40 – 09:50** Video presentation – Bilateral LVRS – technical tricks. **KB**
- **09:50 – 10:00** Complications of the emphysematous lung – Case presentation Prolonged air leak/ failure to expand **KG**

**Break**

*Chair: GM*

- **10:00 – 10:50** Pathophysiology of thoracic trauma and emergency management **KG**
- **10:50 – 11:10** Learn from Peers- Case discussions one case with 2-3 Rib fractures and pneumothorax and one with Flail Chest (**cases will be provided by HB and discussed by attendees**)
- **11:10 – 11:20** Video presentation – Fixation of ribs – role in chest trauma **GM**
- **11:20 – 11:40** Severe thoracic trauma- Major injuries **KB**
- **11:40 – 11:50** Case presentation – Aortic injury **KG**
- **11:50-12:00** Reflections and Feedback

**Lunch**

**Trachea & Chest Wall**

*Chair: KB*

- **13:30 – 13:50** Chest wall tumours & operative principles of resection and reconstruction **PT**
- **13:50-14:00** Case presentation – Giant chondrosarcoma **GM**
- **14:00-14:10** Video presentation – Sandwich reconstruction of the chest wall. **PT**
- **14:10 – 14:30** Operative options for chest wall deformities **KB**
- **14:30 - 14:40** Case and video presentation – Complex chest Wall abnormality - Pectus arcuatum **KB**
- **14:40 - 15:00** Learn from Peers: Case discussions pectus excavatum and Carinatum (**cases will be provided by HB and discussed by attendees**)

**Break**

*Chair: KG*

- **15:00 – 15:30** Principles of surgery of upper and central airways **KG**
- **15:30 -16:00** Case presentation – Subglottic stenosis **KB**
- **16:00-16:10** Video presentation – Tracheal
reconstruction for subglottic stenosis KB
• 16:10-16:30 Tracheal and main bronchial tumors – Principles of surgery KG
• 16:30 – 16:50 Case discussions – One with tracheal adenoid cystic carcinoma and one with carinal Squamous cell ca. PT
• 16:50 – 17:10 Stents and Dilatations KG
• 17:10 - 17:20 Case based discussion - Airway and Esophageal stent for Tracheoesophageal fistula HB
• 17:20-17:30 Reflections and Feedback of the Day

EVENING
19:30 – 22:00

Farewell Dinner – Kebap

15 March 2015, Sunday Hour

MORNING
08:00-09:10

Infections
Chair: KG
• 08:00-08:20 Bronchiectasis HB
• 08:20-08:30 Surgical Indications in Tuberculosis HB
• 08:30-08:40 Video presentation – VATS lower lobe resection for bronchiectasis KG
• 08:40-09:00 Aspergilloma GM
• 09:00-09:10 Hydatic lung disease HB

Technology and Education Session
Chair: GM
• 09:10-09:30 Internet and Surgery DW
• 09:30-10:00 Out of ordinary training methods DW, HB

10:00-10:30 Honorary Lecture by founder of ESTS Antalya School: Uniportal VATS – Semih Halezeroglu
10:30-11:50 Trainee Grand Prix
Teams of 5 trainees (15 cases – 5 questions per case) – Time limit for answering the questions ( The cases will cover the whole school curriculum)

11:50 -12:20 Award Presentation to the Best Team and Final Feedback and reflections
12:30-13:30 Lunch
Until 14:00 Check out from the Hotel