5th Collaborative Symposium on General Thoracic Surgery
Jointly organised by ESTS-AATS-STS-JACS-ASCVTS-CATS
ESTS Birmingham
Sunday May 26th 2013
Introduction
• **ESTS** — coach: Dirk Van Raemdonck
  

• **America (AATS/STS)** — coach: David Sugarbaker
  
  Douglas Wood (capt), Keith Naunheim, Cameron Wright, Mark Ferguson, Stephen Cassivi, David Rice, Frank Detterbeck, Blair Marshall, Raja Flores, Tom Rice, Mark Ferguson.

• **Asia (ASCVTS/JACS/CATS)** — coach: Tian-you Wang
  
  Rajan Santosham (capt), Alan Sihoe, Cliff Choong, Thirugnanam Agasthian, Hiroshi Date, Hisao Asamura, Meinoshin Okumura, Zamir Khan, Khaled Al-Kattan, Servarayan M Chandramohan.
Session 1 : 0800 - 1000

THORACIC ONCOLOGY - 1
Lung Cancer – residual N2

55 year old male has received induction chemoradiotherapy for N2 positive right upper lobe squamous carcinoma. Restaging identifies persistent N2 metastasis in station 7 (subcarinal) and N1 (hilar) nodes.

- No surgery – *Keith Naunheim (Am)*
- Right upper (sleeve) lobectomy – *Hisao Asamura (Asia)*
- Right pneumonectomy - *Gilbert Massard (Eur)*
Lung cancer - oligometastatic

55 year old male PS 0. R lower lobe adenocarcinoma stage I with isolated R adrenal lesion.

- Non-surgical
  *Bernward Passlick (Eur)*

- Synchronous R lower lobectomy plus transdiaphragmatic adrenalectomy - *Hiroshi Date (Asia)*

- Lap adrenalectomy first followed by chemo then lobectomy – *David Rice (Am)*
Lung cancer – multi focal adenocarcinoma

A 48 year old female non-smoker with FEV1 85% predicted has areas of biopsy proven adenocarcinoma (lepidic) in her right upper and left lower lobes.

- VATS wedge resections – Meinoshin Okumura (Asia)
- Bilateral VATS lobectomy – Henrik Hansen (Eur)
- Lung transplantation – Frank Detterbeck (Am)
Morning Coffee

• 1000-1030
Session 3: 1030-1230

PLEURAL
Chylothorax -postop

78 year old male with low BMI and COPD 48 hours post open decortication for benign disease develops a high output chylothorax draining > 2 L per day.

- Conservative – drainage, TPN, octreotide – *Isabelle Opitz (Eur)*
- VATS ligation – *Zamir Khan (Asia)*
- Redo thoracotomy – *Blair Marshall (Am)*
Secondary spontaneous pneumothorax

78 year old male with severe COPD. Persistent secondary pneumothorax with failure to expand lung.

- VATS – *Cliff Choong (Asia)*
- Open surgery – *Douglas Wood (Am)*
- Conservative/EBV – *Federico Venuta (Eur)*
1150-1230

Traumatic haemopneumothorax

65 year old female 24hr following a fall. Multiple fractured ribs and haemopneumothorax but without a flail segment. Condition deteriorating and requires mechanical ventilation.

- Conservative treatment – chest tube drainage/ventilation – *Mark Ferguson (Am)*
- VATS – drain haemothorax, staple air leak – *Alan Sihoe (Asia)*
- Open surgery – repair lung injury and fixate rib fractures – *John Edwards (Eur)*
Score update

• J Kuzdzal
Session 2 : 1500 - 1620

THORACIC ONCOLOGY - 2
A 35 year old female with no myasthenia gravis is found to have a clinical stage II thymoma in the anterior mediastinum. Which approach would you adopt?

- Transcervical – *Marcin Zielinski (Eur)*
- Thoracoscopic – *Thirugnanam Agasthian (Asia)*
- Median sternotomy – *Stephen Cassivi (Am)*
Malignant empyema

69 year old with a Right pleural effusion. Cytology suggests malignant mesothelioma. Now has purulent drainage, fever, leucocytosis

- Extended PD – *Raja Flores (Am)*
- VATS decortication - *Alper Toker (Eur)*
- Rib resection + debridement – *Khaled Al-Kattan (Asia)*
Afternoon Tea

• 1620-1650
1650 - 1810

AIRWAYS
Tracheo-oesophageal fistula

27 year old male who presented with advanced Non-Hodgkins lymphoma involving the mediastinum. After a good response to chemotherapy the mediastinal element has resolved leaving a large tracheo-oesophageal fistula.

- Endoluminal treatment – *Eveline Internullo (Eur)*
- Repair – *Tom Rice (Am)*
- Resect – oesophagectomy – *Servarayan M Chandramohan (Asia)*
Airways

17 year old girl with a history of treated tuberculosis presents with dyspnoea and persistent cough. Investigations reveal a long, narrow stricture of the left main bronchus. There is evidence of bronchiectasis in the distal left lower lobe and less than 10% overall perfusion to the left lung.

- Endobronchial ablation – Edward Black (Eur)
- Pneumonectomy – Rajan Santosham (Asia)
- Resect stenotic segment – Cameron Wright (Am)
1810-1830

PRESENTATION