

EUROPEAN SOCIETY OF THORACIC SURGEONS
ESTS



5th Collaborative Symposium on General Thoracic Surgery

Jointly organised by ESTS-AATS-STJ-JACS-ASCVTS-CATS

ESTS Birmingham

Sunday May 26th 2013

Introduction

- **ESTS** — coach : Dirk Van Raemdonck
- Federico Venuta (capt), Alper Toker, Gilbert Massard, Marcin Zielinski, John Edwards, Edward Black, Eveline Internullo, Isabelle Opitz, Henrik Hansen, Bernward Passlick.
- **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

0800- 0840

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)

**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

Thymoma

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

1650-1730

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