Thopaz™

PROVIDING ADVANCED TREATMENT WITH EASE

A novel chest drainage system that offers simplicity, functionality and objective data by setting new standards in chest tube management. Thopaz empowers the clinician to make confident decisions.
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Dear Members and Guests,

Another year has passed since our last annual meeting in Essen. Birmingham is the host city of this year’s 21st European Conference on General Thoracic Surgery, currently the largest scientific meeting in the world discussing topics on general thoracic surgery only. We expect an attendance around 1000 participants coming from all over the world and from all continents.

The programme committee chaired by our Director of the Annual Meeting, Jaroslaw Kuzdzal has prepared an exciting programme with invited lectures by top experts in the field to be presented during 6 breakfast sessions, a techno meeting, 2 working group sessions, and joint sessions with other international and European scientific societies. The 5th Joint Collaborative Postgraduate symposium chaired by our local host, David Waller will follow last year’s successful formula with interactive case presentations on various topics of our speciality. An international faculty will compete in the “Masters Court” by discussing the best treatment option for the individual case. We need to get the Masters Cup of Thoracic Surgery finally back to Europe!

This year we have received 572 abstracts. The best scored abstracts have been selected after 2 rounds of blind review. Abstract sessions on a specific field in thoracic surgery will run in parallel so you can pick those sessions of your particular interest. The ESTS prizes are waiting for the winners of the best presentation in their category.

The European Society was founded in Heidelberg on 18th November 1993. So, this year we will celebrate the 20th Anniversary of our Society! The history of ESTS will be highlighted during a special Presidential Symposium on Monday, 27 May 2013, 11:00- 13:00 hours including the invited lecture given by Peter Goldstraw, one of the founders and honorary members of ESTS. He will look back on the evolution of science in General Thoracic Surgery over the past 20 years. A very special occasion to pay tribute to the founders and leaders of our society and to bring a toast to them at this memorial moment. The birthday cake is waiting for you!

The annual meeting is also a unique opportunity to discuss challenges in daily work with more experienced colleagues and to reinforce friendship with those not seen for a long time. You will find out when visiting Birmingham why this city is close to my heart, the place where I accomplished my training in general thoracic surgery at the former East Birmingham Hospital (Heartlands) under the leadership of Hughoe Matthews, Deirdre Watson and Frank Collins. The Local Organizing Committee has prepared an attractive social programme for guests and accompanying persons to discover the city and the region.

I would like to especially thank our industrial partners who have supported ESTS faithfully since the beginning of our conferences. The exhibition space welcomes you to discover their new products and technology helping to advance our speciality and to give the best care to our patients.

Enjoy this year’s meeting in Birmingham which is expected to be one of the most vibrant and innovative meetings in the history of ESTS. I am confident that you will return with a congress bag fully charged with top knowledge, great ideas, and new friends.

Dirk Van Raemdonck, MD, PhD, FETCS
ESTS President
president@ests.org.uk
WELCOME MESSAGE

Dear Colleagues,
Guests and Friends,

It is my great pleasure to welcome you to Birmingham as the ESTS celebrates the 21st European Conference on General Thoracic Surgery.

In the Saxon 6th century Birmingham was just one small settlement in thick forest – the ham (home) of the ing (tribe) of a leader called Beorma (Birm). Geography played a major role in the transformation of Birmingham from a hamlet worth 20 shillings in 1086 into Britain’s centre of manufacturing in the 20th Century. A dry site with a good supply of water, with easy access to coal, iron and timber helped Birmingham to develop a strong reputation as a metal working centre. By 1731 the population had grown to 23,000 and manufacturing business thrived. By the time of the Industrial Revolution Birmingham had become the industrial and commercial centre of the Midlands.

Birmingham’s population is now around 1,036,900, making it Britain’s Second City. It is a growing, multicultural city; there are more children than pensioners and the citizens from Pakistan, India and the Caribbean form a third of the population of Birmingham. It is a centre for medical research and technologies with University Hospital Birmingham being the world’s largest acute care facility. The City has 5 universities with 64,000 students. The meeting will be hosted by the International Convention Centre (the ICC) which is situated in the centre of the city. The ICC is a £200 million building officially opened by H.M. Queen Elizabeth II in 1991. It has world class convention facilities and, reflecting the growing reputation of the meeting, has the largest auditorium and exhibition hall ever used by ESTS.

This will be a delegate-friendly meeting due to the central location of the venue. There are 5,054 bedrooms within walking distance of The ICC covering a wide range of trusted international hotel brands including: Hyatt Regency, Intercontinental Hotel Group, Rezidor Hotel Group, AccorHotels and Millennium Hotels. There will be little need for any means of transport other than your feet as there are 200 restaurants in the city centre covering 27 international cuisines. There are also a phenomenal 1,000 shops in the city centre including major international brands: Selfridges and Harvey Nichols. But Birmingham is also a green city with more than 8,000 acres of parks and open spaces and is a growing leisure tourism and city break destination with over 30 million visitors each year from all over the world. There will be no shortage of things to entertain you once the educational events have ended!

This year the only social event will be the congress dinner, but we intend this to be an evening to remember. It will be held again in the city centre, within walking distance of most hotels, at the historic Town Hall. Opened in 1834 as the finest music hall in the country, this Grade 1 listed landmark has been lovingly and painstakingly renovated at a cost of £35m re-opening in 2007. Its imposing neo-classical design dominates the City centre’s Victoria and Chamberlain Squares and it contains a formidable 6,000 pipe organ which will form an impressive backdrop to the congress dinner awards.

Birmingham is a major transport hub. Birmingham International Airport (BHX) is the city’s gateway to the world. It is easily accessible by train from New Street Station where you get off at Birmingham International for the airport and NEC. Birmingham airport has two terminals and serves over 40 different airlines and offers thousands of direct and indirect services across Europe.
Birmingham's rail network allows easy travel to nearby historic Warwick, with its famous castle or Stratford-upon-Avon, the home of William Shakespeare. Further afield, London is just over an hour away by direct train link from Birmingham city centre.

We hope this 2013 meeting will continue the upward rise of ESTS and be the largest and most international to date. The innovative Postgraduate Symposium will continue to entertain and inform, scientific sessions will be of world-class standard and popular video and techno meeting sessions will continue.

We feel sure that Birmingham 2013 will be remembered for many years as the date when ESTS became the premier global Thoracic Surgical Conference but also when the interests of the delegates came first and when an educational event was never so much fun.

We look forward to seeing you!

David A. Waller
On behalf of the ESTS Local Organising Committee
EUROPEAN SOCIETY OF THORACIC SURGEONS

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Gilbert Massard, France

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Find out more about ESTS on the official society website: www.est.org
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AD HOC COMMITTEES

Ad Hoc Committee Clinical Guidelines
Timothy Batchelor, Pier Luigi Filosso, M. Blair Marshall

Ad Hoc Committee Oesophageal Surgery
Xavier Benoit D’Journo, Ewout Kouwenhoven, Philippe Nafteux

Ad Hoc Committee Quality of Life and Patient Safety
Bram Balduyck, Nuria Novoa, Cecilia Pompili

Ad Hoc Committee Technological Advancements
Johannes Bodner, Stefan Fischer

Ad Hoc Committee Training in Thoracic Surgery
Juan Fibla, Caroline Rivera, Giulia Veronesi

Ad Hoc Committee Website & Communication
Elena Fernandez-Martin, Douglas West, Charalambos Zisis

NATIONAL REGENTS

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Armenia | Gor Melikyan (Yerevan)
Austria | Clemens Aigner (Vienna)
Belgium | Herbert Decaluwe (Leuven)
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India (South) | Sirangapattana Srikrishna (Bangalore)
Iran | Hamid Kadhodaie (Tehran)
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Slovenia
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Per Bergman (Stockholm)

Switzerland
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Syria
Nizar Abbas (Damascus)

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UAE
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Ukraine
Vitaliy Makarov (Kharkiv)

United Kingdom
Antonio Martin-Ucar (Nottingham)

HONORARY MEMBERS

Henry Ellis, USA 1994, Siena
Robert Ginsberg (†), Toronto, Canada 1995, Lausanne
Eugene Rebourd, Marseille, France 1996, Cordoba
Ingolf Vogt Moyskopf, Heidelberg, Germany 1996, Cordoba
Henry Eschapasse, Paris, France 1996, Cordoba
Griff Pearson, Toronto, Canada 1997, Wroclaw
Francisco Paris, Valencia, Spain 1998, Portoroz
Michel Ribet, La Madeleine, France 1999, Nancy
Joel Cooper, St Louis, USA 2000, London
Mark Orringer, Ann Arbor, USA 2001, Lisbon
Andre Naef, Lausanne, Switzerland 2001, Lisbon
Hermes Grillo (†), Boston, USA 2002, Istanbul
Leon Lacquet, Ubbergen, Netherlands 2002, Istanbul
Valerie Rusch, New York, USA 2004, Zurich
Giovanni Ferrante, Naples, Italy 2004, Zurich
Alec Patterson, St Louis, USA 2005, Athens
Jay Jeyasingham, Bristol, UK 2005, Athens
Peter Pairolero, Rochester, USA 2006, Stockholm
Peter Goldstraw, London, UK 2007, Leuven
Toni Lerut, Leuven, Belgium 2008, Bologna
Tom Treasure, London, UK 2009, Krakow
Guillerme Ramos, Valladolid, Spain 2010, Valladolid
Mikhail Perelman (†), Moscow, Russia 2010, Valladolid
Pierre Fuentes, Marseille, France 2011, Marseille
Detlev Branscheid, Bielefeld, Germany 2012, Essen
Douglas Mathisen, Boston, USA 2013, Birmingham
# PAST PRESIDENTS

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<tbody>
<tr>
<td>Ingolf Vogt-Moykopf, Heidelberg, Germany</td>
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<tr>
<td>Peter Goldstraw, London, UK</td>
<td>1995</td>
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<td>Giovanni Ferrante, Naples, Italy</td>
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<td>Francisco Paris, Valencia, Spain</td>
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<td>Philippe Levasseur, Paris, France</td>
<td>1998</td>
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<td>Tadeusz Orlowski, Warsaw, Poland</td>
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<td>Toni Lerut, Leuven, Belgium</td>
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<td>Heikki Toomes, Gerlingen, Germany</td>
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<td>Pierre Fuentes, Marseille, France</td>
<td>2002</td>
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<td>Ion Bellenis, Athens, Greece</td>
<td>2003</td>
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<td>Tomasz Grodzki, Szczecin, Poland</td>
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<td>Walter Weder, Zurich, Switzerland</td>
<td>2005</td>
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<td>Semih Halezeroglu, Istanbul, Turkey</td>
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<td>Richard Berrisford, Exeter, UK</td>
<td>2007</td>
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<td>Gaetano Rocco, Naples, Italy</td>
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<td>Laureano Molins, Barcelona, Spain</td>
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<td>Michael Rolf Mueller, Vienna, Austria</td>
<td>2010</td>
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<td>Gunda Leschber, Berlin, Germany</td>
<td>2011</td>
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<td>Pascal Thomas, Marseille, France</td>
<td>2012</td>
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# 21st EUROPEAN CONFERENCE ON GENERAL THORACIC SURGERY

## SCIENTIFIC PROGRAMME COMMITTEE 2013

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<td>Pierre-Emmanuel Falcoz, France</td>
<td>France</td>
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<tr>
<td>Henrik Jessen Hansen, Denmark</td>
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<tr>
<td>Sue Hesford, UK</td>
<td>UK</td>
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<tr>
<td>Jaroslaw Kuzdzal, Poland</td>
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<td>Gunda Leschber, Germany</td>
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<td>M. Blair Marshall, USA</td>
<td>USA</td>
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<td>Gilbert Massard, France</td>
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<td>Konstantinos Papagiannopoulos, UK</td>
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<td>G. Alexander Patterson, USA</td>
<td>USA</td>
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<td>Dirk Van Raemdonck, Belgium</td>
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<td>Rajesh D. Shah, UK</td>
<td>UK</td>
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<tr>
<td>Mette Siemsen, Denmark</td>
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<td>Alan D. L. Sihoe, Hong Kong</td>
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<td>Gonzalo Varela, Spain</td>
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<td>Federico Venuta, Italy</td>
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<td>David A. Waller, UK</td>
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## LOCAL ORGANISING COMMITTEE 2013

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<tr>
<td>David A. Waller</td>
<td>UK</td>
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<tr>
<td>Sridhar Rathinam</td>
<td>India</td>
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<td>Apostolos Nakas</td>
<td>Greece</td>
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<tr>
<td>Pala B. Rajesh</td>
<td>India</td>
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<tr>
<td>Antonio E. Martin-Ucar</td>
<td>Spain</td>
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OFFICIAL REPRESENTATIVES OTHER SOCIETIES

David Sugarbaker, President, American Association for Thoracic Surgery
Douglas Wood, President, Society of Thoracic Surgeons
Keith Naunheim, Secretary, Society of Thoracic Surgeons
Hiroshi Date, Representative, Asian Society for Cardiovascular and Thoracic Surgery
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Niccolo Daddi
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Herbert Decaluwe
Georges Decker
Abdulilah Deiraniya
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Pierre-Emmanuel Falcoz
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Juan Fbla
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Mariano Garcia
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Kirill Gestkov
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Katrin Welcker
Douglas West
Biruta Witte
Janusz Wlodziark
Douglas Wood
Alon Yellin
Piero Zannini
Chorlambos Zisis
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**Mondial**

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Fax: +43 1 58804-185
E-mail: ests2013@mondial-congress.com
www.estsmeetings.org/2013

Accommodation

**Birmingham Convention Bureau**
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Birmingham, West Midlands, B1 2ND
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International Exhibitions & Advertising
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E-mail: maw@media.co.at

**Conference Venue**

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Fax: +44 121 643 0388
info@theicc.co.uk
theicc.co.uk

**Conference Website**

The conference website is
www.estsmeetings.org/2013

**Scientific Secretariat**

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Tel.: +44 1392 430671
Fax: +44 1392 430671
sue@ests.org.uk
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HOW TO REACH THE CONFERENCE VENUE

ON FOOT
The following hotels are within a short walking distance from the ICC:
• Copthorne Hotel Birmingham
• Crowne Plaza Birmingham
• Hampton by Hilton Birmingham Broad Street
• Hilton Garden Inn Birmingham (Formerly Mint Hotel)
• Holiday Inn Express Birmingham City Centre
• Hotel Indigo
• Jurys Inn Birmingham
• Malmaison
• Novotel Birmingham Centre
• Ramada Birmingham City Centre

The ICC is connected by a bridge to Hyatt Regency Birmingham, the official headquarter hotel of the conference.

BY TRAIN
The ICC is served by the UK’s largest interchange rail station, Birmingham New Street and also the smaller Five Ways Station. Both stations are a short walk from The ICC and are also served by taxi ranks. Birmingham New Street has direct and regular services to Birmingham International Railway Station which directly serves Birmingham International Airport and The NEC. It also has three direct services to London Euston every hour, a journey that takes just 80 minutes at peak times.

BY CAR
The ICC is located in the centre of the city of Birmingham and is easily accessible by road. Directly connected to the UK’s motorway network, visitors from any direction can travel in using the following motorways: M1, M5, M6, M6 Toll, M40 and M42.
There is abundant, secure multi-storey parking available located within The NIA, which is just a short walk away from The ICC. The NIA is signposted on motorways and major roads and is also marked on most road maps.
To reach the nearest car park, located at sister venue The NIA, the address for sat nav users is: Street: King Edward’s Road.
REGISTRATION AREA

The Registration Area is located in the foyer between hall 1 and 3 (level 4, see floorplan on page 35). The Mondial Congress & Events team and the conference hostesses will be pleased to help you with all enquiries regarding registration, conference material, and the conference programme. Please do not hesitate to contact the team members if there is anything they can do to make your stay more enjoyable.

REGISTRATION AND INFORMATION DESK ONSITE – OPENING HOURS

Saturday, 25 May: 16:00 - 20:00
Sunday, 26 May: 07:00 - 19:00
Monday, 27 May: 07:00 - 19:00
Tuesday, 28 May: 07:00 - 18:30
Wednesday, 29 May: 07:30 - 14:00

To avoid unnecessary delays on Sunday morning, participants are strongly encouraged to register and collect meeting documentation already on Saturday evening, 16:00 - 20:00.

Pre-Registration Counters
For participants who are already registered. Please have the confirmation letters sent by Mondial Congress & Events close at hand.

If you still have an outstanding payment, you may settle your account in EURO only in cash or by credit card (Visa, Master Card, Diners Club and American Express will be accepted).

Furthermore, delegates will receive information on all conference-related issues there.

On-Site Registration Counter
For participants registering and paying their registration fees on-site. You will need to fill out an on-site registration form. Payments will be accepted in EURO only in cash or by credit card (Visa, Master Card, Diners Club and American Express).

Please exchange your Congress Dinner voucher for a seating ticket here, until Tuesday, May 28, 12am!

Conference Bags
Participants will receive a conference bag at the registration desk when picking up their delegate documents.
## DETAILED REGISTRATION INFORMATION

### ON-SITE REGISTRATION FEES

Before approaching the on-site registration counter, please fill in a registration form, available at the desks nearby.

**On-site Registration Fee**

<table>
<thead>
<tr>
<th>Event Description</th>
<th>Fee (EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5TH COLLABORATIVE SYMPOSIUM ON GENERAL THORACIC SURGERY</strong> (Sunday, 26 May 2013)</td>
<td></td>
</tr>
<tr>
<td>High-income countries*</td>
<td>180,00</td>
</tr>
<tr>
<td>Upper-middle-income countries*</td>
<td>90,00</td>
</tr>
<tr>
<td>Low-income &amp; Lower-middle-income countries*</td>
<td>60,00</td>
</tr>
<tr>
<td><strong>CONFERENCE</strong> (Monday, 27 May – Wednesday, 29 May 2013)</td>
<td></td>
</tr>
<tr>
<td>ESTS Member Fee (High-income countries)*</td>
<td>250,00</td>
</tr>
<tr>
<td>ESTS Member Fee (Upper-middle-income countries)*</td>
<td>100,00</td>
</tr>
<tr>
<td>ESTS Member Fee (Low-income &amp; Lower-middle-income countries)*</td>
<td>50,00</td>
</tr>
<tr>
<td>ERS Member Fee (for pulmonologists)</td>
<td>200,00</td>
</tr>
<tr>
<td>Non-Member Fee</td>
<td>350,00</td>
</tr>
<tr>
<td>Trainee ESTS Member</td>
<td>100,00</td>
</tr>
<tr>
<td>Trainee Non-ESTS Member (certificate)**</td>
<td>150,00</td>
</tr>
<tr>
<td>Allied professionals (certificate)**</td>
<td>150,00</td>
</tr>
<tr>
<td>Medical Student (certificate)**</td>
<td>Fee waived</td>
</tr>
<tr>
<td><strong>JOINT ESTS-BTOG DAY</strong> (Wednesday, 29 May 2013) (for conference participants, the joint ESTS-BTOG Session is already included in the registration fee)</td>
<td></td>
</tr>
<tr>
<td>Day fee delegates</td>
<td>150,00</td>
</tr>
<tr>
<td>Day fee trainees (certificate)**</td>
<td>100,00</td>
</tr>
<tr>
<td>Day fee allied health professionals**</td>
<td>50,00</td>
</tr>
<tr>
<td>Day fee medical students (certificate)**</td>
<td>Fee waived</td>
</tr>
<tr>
<td><strong>Breakfast Session</strong></td>
<td>25,00 (per session)</td>
</tr>
</tbody>
</table>

### FEES FOR NETWORKING PROGRAMME

<table>
<thead>
<tr>
<th>Activity</th>
<th>Fee (EUR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Ceremony &amp; Opening Reception</td>
<td>INCLUDED</td>
</tr>
<tr>
<td>Congress Dinner (Tuesday)</td>
<td>80,00</td>
</tr>
</tbody>
</table>

* countries listed on [www.ests.org](http://www.ests.org)

** to confirm trainee status, please bring a letter by chief of department/institution.
Important Notice: The membership fee is only applicable to those who have applied for ESTS membership and have paid the 2013 membership fee.

Participants’ Registration Fee includes:
• Admission to all scientific sessions
• Admission to poster area and commercial exhibition
• Conference material (conference bag, conference programme, abstract publication, name badge)
• Certificate of attendance
• Coffee breaks
• Opening Ceremony and Welcome Reception

Congress Dinner Fee includes:
Dinner at Birmingham Town Hall

Name Badges
Participants will receive their name badges when collecting their conference documentation. You are kindly requested to wear your name badge during all conference events, including the Opening Ceremony and the Welcome Reception. Please note that admission to scientific sessions is strictly restricted to participants wearing their badges. Accompanying persons are not entitled to attend the scientific sessions, except for the Presidential Address and the Invited Lecture.

The following letter codes are used on the name badges:
Member - M
Non-Member - NM
Staff - S
Postgraduate Symposium - P

Additional Ribbons will identify:
Council - Red
Programme Committee - Blue
Invited Guests - Green
Invited Speakers - Purple
Honorary Member - Brown

Letter codes for day tickets:
MON - Monday, 27 May 2013
TUE - Tuesday, 28 May 2013
WED - Wednesday, 29 May 2013

Payment
Payment of congress-related matters such as registration fees, tickets for lunch boxes or networking programme etc. will be in EURO only or by credit card (Visa, Master Card Diners Club and American Express will be accepted). Unfortunately, we cannot accept traveller’s cheques, other credit cards, Eurocheques or other currencies.

Abstract Book
The ESTS 2013 Abstract Book is included in the conference bag.

Certificate of Attendance
Your Certificate of Attendance will be included in your conference material available at the registration desk.
Conference Language
The official language of the meeting is English. No simultaneous interpretation will be provided.

Continuing Medical Education (CME) Credits
The scientific programme of the 21st European Conference on General Thoracic Surgery is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), www.uems.net. The 21st European Conference on General Thoracic Surgery is designated for a maximum of (or “for up to”) 23 hours of European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

CONFERENCE INFORMATION

Business Centre
The Business Reception, located next to the Box Office in the Mall (level 3, see floorplan page 35), has a range of business support services, from photocopying and couriers to more specialist services such as binding and laminating. It is open on Tuesday, 28 May and Wednesday, 29 May from 08:45 – 16:45.

Cash Point
A cash point is available in the central mall next to the Cloakroom (Level 3, see floorplan page 35). This cash machine does charge £2.50 for withdrawals. Other cash machines can be found in Brindley Place (5 min walking distance).

Cloakroom
A cloakroom area and luggage storage facilities are available in the central mall (level 3, see floorplan page 35).

Conference Staff
The Mondial Congress & Events team members are present at the registration counter and conference hostesses are present in all lecture rooms. Do not hesitate to approach them with queries – they will gladly assist you.

ESTS Booth
For matters regarding ESTS membership and other ESTS activities, participants are cordially invited to visit the ESTS booth in the Exhibition Area.

First Aid
In case of need, please contact Mondial Congress & Events team or the ICC staff. The number to call from any internal phone is 42222.
Internet Access
Free wi-fi is available at the congress centre. Please search for ICC wi-fi, click on it and accept the Terms & Conditions and you will be connected automatically. There is no password. Internet points are also available in the Exhibition Area, hall 3.

Lunch and Refreshments
Coffee breaks are included in the registration fee and will be served in the Exhibition Area. Except for the 5th Collaborative Symposium on General Thoracic Surgery, lunch is not included in the conference registration fee.

Cash catering is available in the Exhibition Area. For each lunch box pre-ordered online, you will receive a voucher when you pick up your congress materials. During lunch time, the vouchers can be redeemed for a lunch box at the lunch box distribution desk (between 13.00 and 14.00 from Monday to Wednesday). Lunch boxes cannot be purchased on-site at the conference venue.

Prayer Room
The ICC has a Multi-Faith Prayer Room available for delegates who want a time of quiet, meditation or prayer. It is situated in the Mall, to the left of the Oak Kitchen servery (level 3, see floorplan page 35). The room has prayer mats, holy books and other resources for prayer which have been donated by representatives of local faiths.

Preview Room
The preview room is located in the “Media Suite” next to the plenary hall (level 4, see floorplan page 35). Please follow the signage. Staff and equipment will be available for you to arrange and preview your PowerPoint presentation. Please find more detailed information on page 24.

Smoking
For health and security reasons and as a courtesy to non-smoking participants, you are kindly requested to refrain from smoking inside the conference venue.

Taxi
The nearest taxi rank is outside the front of the ICC, opposite the Hyatt Regency Hotel.
GENERAL INFORMATION ON BIRMINGHAM

There is a level of energy and confidence here that is clear the moment you arrive. Named as the UK’s most popular conference and events destination outside London during 2010 by the British Meetings and Events Industry Survey 2011/12, Birmingham is a city that welcomes major events and visitors like no other.

In Birmingham, everything is nearby, the city centre alive with possibilities and new experiences. From Michelin-starred dining to dazzling theatre productions and designer shopping, Birmingham really does offer it all.

Proud of its distinctive heritage, yet energised by the youngest population in Europe, Birmingham’s transformation into a dynamic, cosmopolitan, accessible and welcoming conference city has been truly remarkable.

CLIMATE

The climate in Birmingham is classified as a temperate maritime climate, like much of the British Isles, with average maximum temperatures in May being around 15.8 °C. The UK is well-known for its rainfall: you can expect rain in every month, even at the height of summer, so an umbrella is a must.

ELECTRICITY

Britain’s voltage is 240 V AC which could damage lower-voltage appliances. In addition, plugs have three square pins which most foreign electrical goods will not be compatible with. So you will probably need a transformer or an adapter. These are widely available (probably best bought at airports).
RELIGIOUS SERVICES IN BIRMINGHAM
For service hours and locations please contact the registration desk.

SHOPPING
Most shops are open from 10 am to 8 pm.
Birmingham is a shopper’s paradise, with over 1,000 shops within a 20 minute walk. Whether you’re looking for head-turning chic or eye-catching value – it’s all waiting in the bold, new shopping capital of Europe.
The Bullring and The Mailbox offer all kinds of stores and labels you could want.
The city’s vibrant markets, a cornerstone of the city’s foundations sell everything from fabrics to fresh produce. And the city’s five arcades provide shoppers with a unique experience with independent stores and boutiques.

SPRING BANK HOLIDAY
Remember that on Monday, May 27, Spring Bank Holiday is celebrated in UK (last Monday in May).
Many organisations, businesses and schools are closed. Stores may be open or closed, according to local custom. The Bullring for instance is open from 10 am to 6 pm. Public transport systems often run on a holiday timetable.

TIME
Birmingham lies in the Greenwich Mean Time zone (GMT).

INSURANCE AND LIABILITY
Delegates are advised to arrange health and accident insurance prior to travelling to the conference. ESTS is not responsible for any personal injury, loss, damage, accident to private property or additional expenses incurred as a result of delays or changes in air, rail, sea, road or other services, strikes, sickness, weather or any other cause.
TRAVEL INFORMATION

BIRMINGHAM – HOW TO GET THERE

ARRIVAL BY PLANE

Over 50 airlines operate direct scheduled and charter services to more than 140 destinations worldwide, including direct flights to New York, Dubai, Paris, Frankfurt and Brussels. The airport is just 8 miles/13km from the city centre and offers an Airlink Shuttle which ensures a smooth transit to Birmingham International Railway Station, from where, with up to 9 trains an hour, you can reach the city centre in just 10 minutes.

Visit www.birminghamairport.co.uk for more information.

ARRIVAL BY TRAIN

Birmingham is serviced by all of the UK’s leading rail network operators, including Chiltern Railways, London Midland, Virgin Trains and CrossCountry.

Chiltern Trains (http://www.chilternrailways.co.uk/) leave London Marylebone and pull into Birmingham Moor Street and Snow Hill stations just 100 minutes later.

With Virgin Trains, London Euston is less than 90 minutes away. CrossCountry, the UK’s most extensive network, and London Midland add even more options.

For more information, visit nationalrail.co.uk

ARRIVAL BY CAR

The M6, M42, M54 and M5 service the city from all directions, with many of the junctions just a few minutes from the city centre. And there are over 23,500 well signed parking spaces in the city centre alone – so parking isn’t a big issue when you arrive.

GETTING AROUND BIRMINGHAM

TAXIS

Black cabs can be hailed in the street or reached at one of the many taxi ranks in the city centre; the main ones are at New Street Station, Stephenson Street and Digbeth Coach Station.

BUSES

Birmingham is brilliant for buses. Network West Midlands has all the online timetables and fare information you need with easy ticket buying and route planning. Birmingham buses cannot be hailed to be stopped; passengers wishing to board or leave a bus, should do so at an official bus stop. Please remember that you need to give the exact fare to the driver as you board.

TRAINS & METRO

Eight local rail lines criss-cross the city to ensure quick links to all attractions and venues (as well as other UK cities and towns). Midland Metro is the latest addition. Network West Midlands (www.networkwestmidlands.com) provides online timetables, fares including day tickets and passes, ticket purchase and route planning.
OFFICIAL NETWORKING PROGRAMME

OPENING CEREMONY & OPENING RECEPTION SUNDAY, 26 MAY 2013, 18:30 – 20:30

Plenary Hall (Hall 1)/ Exhibition Area (Hall 3)

18:30 – 19:30 Opening Ceremony

Hall 1

The official Opening Ceremony of the Conference for registered participants, accompanying persons and exhibitors will take place at the meeting venue, the ICC, Hall 1, with introductory speeches and musical performances

- Welcome and opening by Dirk Van Raemdonck, ESTS President
- “The current state of Thoracic Surgery UK” – Welcome by James Roxburgh, President of National Society (SCTS)
- “Birmingham’s history as a Thoracic Surgery Centre” – Welcome by Pala Rajesh, Senior Thoracic Surgeon, Birmingham
- “What the meeting has in store for you” – Welcome by David Waller, Chair of LOC
- Entertainment by CBSO String Quartet

19:30 – 20:30

Opening Reception Exhibition Area

After the opening ceremony, toast to the success of the Conference at the Welcome Reception – also at the venue – during which drinks and snacks are offered. The remainder of the evening is at your disposal, to offer you an opportunity to explore Birmingham.

CONGRESS DINNER (at own expense)

TUESDAY, 28 MAY 2013, 19:30 – 23:30

The Congress Dinner will take place at Birmingham Town Hall. Recognised as one of the most impressive examples of Roman Revival civic architecture, the style of Town Hall is based upon the Roman Temple of Castor and Pollux.

Built in a period when Birmingham rallied at the forefront of the protests for national democratic reform, Town Hall provided citizens with a forum for political debate as well as an important symbol of their, and the town’s, purpose and aspirations. The meeting place for local government until the Council House opened in the 1870s, Town Hall continued as a forum for debate and speech-making through the 20th century.
Town Hall was, and will be again, an internationally recognised venue for music, in particular the Triennial Music Festivals (between 1834 and 1912). Home to the CBSO between 1926 and 1991, the Hall has showcased many premieres and reverberated to every type of music from Elgar to the Rolling Stones, Mendelssohn to The Beatles and Count Basie to Black Sabbath.

A 30 minutes organ recital will take place prior to the dinner at 19:45. Aperitif will be served from 19:30. If you would like to only attend the dinner, please be at the Town Hall at 20:15.

A seating-plan will be available at the Registration Desk.

Please exchange your Congress Dinner voucher for a seating card prior to the Congress Dinner until Tuesday, May 28, 12am!

Dress code: formal

Price per Person EUR 80,-

Tickets: A limited number of tickets is still available – please ask at the “Pre-registration” counter in the Registration Area.
**GUIDELINES & INFORMATION FOR SPEAKERS, CHAIRS AND POSTER PRESENTERS**

**Opening hours Preview Room**

<table>
<thead>
<tr>
<th>Day</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, 25 May</td>
<td>16:00 - 20:00</td>
</tr>
<tr>
<td>Sunday, 26 May</td>
<td>07:00 - 19:00</td>
</tr>
<tr>
<td>Monday, 27 May</td>
<td>07:00 - 18:00</td>
</tr>
<tr>
<td>Tuesday, 28 May</td>
<td>07:00 - 18:00</td>
</tr>
<tr>
<td>Wednesday, 29 May</td>
<td>07:30 - 14:00</td>
</tr>
</tbody>
</table>

**IF YOU ARE A CHAIR**

1. Please locate your session room in due time. **Please be at your session room at least 15 minutes prior to the start of the session.**

2. We may remind you that speakers need to strictly observe the time schedule. Participants in the discussion should not speak before they are recognised by the chair and must first clearly state their name, institution and country of origin. Hostesses will be distributing and collecting the discussion cards in halls 1 and 5.

**IF YOU ARE A SPEAKER IN A SESSION**

1. Please locate your session room in due time. Please be at your session room at least 15 minutes prior to the start of the session.

2. Speakers should deliver and view/check their **PowerPoint presentations** at the preview room (“Media Suite” next to the plenary hall (level 4, see floorplan page 35) **at least 2 hours prior** to the start of the respective session for organisational reasons. For **Breakfast Sessions**, the PowerPoint presentations should be delivered the previous day.

- Presentations must be prepared in 4:3 format in PowerPoint (MS Windows) and provided on a CD-ROM or USB-removable drive. Macintosh presentations (i.e.: KeyNote) cannot be accommodated, unless saved to a PC-formatted CD-ROM or USB stick.
- To avoid any delays, speakers are kindly requested to hand in their PowerPoint presentations on an electronic support (**CD-ROM or USB**).
- Failure to check in presentations on time may result in them being unavailable for projection when required.
- Technical personnel will be available in the preview room to assist you with loading your presentation.
- Presentations will be transferred from a server to the session room electronically.
- **Speakers are not permitted to take PowerPoint presentations directly to the technical assistant in the session rooms.**
- The use of personal laptops for presentations in the session rooms is strictly prohibited.
- Protection of copyright will be guaranteed.
Please note that presentation time is strictly limited, no exceptions. Time your presentation carefully according to the time dedicated in each session:

- **Oral Sessions**: 8’ presentation + 7’ discussion
- **Forum Sessions**: 7’ presentation + 3’ discussion
- **Brompton Session**: 8’ presentation, 4’ invited discussant, 8’ other discussants
- **Interesting Cases**: 20’ presentation + interactive questions
- **Video Session**: 7’ presentation + 3’ discussion
- **Poster Session**: 3’ presentation

Microphones for discussion will be available in each session room.

**Discussion and questions in ORAL sessions will be taped to be included in the manuscript:** ESTS expects that all speakers of Oral presentations submit full manuscripts to the European Journal of Cardio-Thoracic Surgery (EJCTS) online at the time of the meeting for peer review. Note that the Programme Committee will consider the previous manuscript submission record of ALL speakers when preparing future ESTS meetings.

- Submission for review of forum, interactive presentations, posters and video presentations to either EJCTS or ICVTS is optional but welcomed.
- Manuscripts should be prepared and submitted according to the Instructions to Authors. The manuscript submission is available online only at: http://submit-ejcts.ctsnetjournals.org

- **The audio-visual recording of the scientific presentations will be the property of the ESTS.**

**IF YOU ARE A POSTER PRESENTER**

The poster area is located in the Exhibition Area (Hall 3, level 4, see floorplan page 35). Each poster will be displayed for the entire duration of the congress.

Please attach the poster to the board with the corresponding poster placement number. Tape for mounting the posters will be available in the poster area. Please note that only this tape may be used for mounting posters to avoid damaging the panel surface.

Posters have to be mounted on Saturday, 25 May between 17:00 and 19:00 or at the latest on Sunday, 26 May 2013 07:00 – 07:30 and should not be removed prior to Tuesday, 28 May, 17:30 but at the latest on Wednesday, 29 May until 13:00, otherwise the staff will dispose of it.

You are requested to present your poster briefly (3 min) in front of your poster panel during the moderated poster session on Monday, 27 May between 17:30 and 19:00. For more information, see page 66.

If you have any questions regarding your poster(s), please do not hesitate to contact the staff at the registration desk.
PRIZES AND AWARDS
The following Prizes will be awarded:

- **ESTS – Brompton Prize – 2000 EUR**
The Brompton Prize is offered for the best thoracic presentation by an ESTS member at the Brompton Session and comes courtesy of the Trustees of the fund initiated by Professor Peter Goldstraw. It is an annual prize instituted at the 8th European Conference on General Thoracic Surgery held in London November 2000.

- **ESTS – Young Investigators Award – 2000 EUR**
To stimulate research, the ESTS has instituted a prize for the best presentation on topics of clinical or experimental research in the field of thoracic surgery by an ESTS member below the age of 35.

- **ESTS – Grillo Prize – 1000 EUR**
The prize is offered to the best abstract in the session “Experimental / Innovative Techniques” and is named after our deceased honorary member Hermes Grillo (Boston). The prize was initially awarded in 2009 by Professor Douglas Mathisen of the Massachusetts General Hospital, a colleague and friend of Professor Hermes Grillo.

- **ESTS – Greek Pioneers Prize – 500 EUR**
This prize is offered for the best poster presentation and comes courtesy of a fund chaired by Dr. Kalliopi Athanassiadi in the name of the first three Greek thoracic surgeons.

- **ESTS – Covidien Prize – VATS Masterclass Elancourt**
This prize is offered to the best case presentation and comes courtesy of a donation by Covidien.

- **ESTS – Dutch Society for Lung Surgery Travel Grant – 1000 EUR**
This grant is offered by the Dutch Society for Lung Surgery and was created to support a young abstract presenter from a low-middle-income country.

- **ESTS – DGT Travel Grant – 1000 EUR**
This grant is offered by the Deutsche Gesellschaft für Thoraxchirurgie and was created to support a member of ESTS from a low-income country.

- **ESTS – FSTCVS Travel Grant – 1000 EUR**
This grant is offered by French Society for Thoracic and Cardiovascular Surgery. It will be offered to the best oral presentation of clinical work by an author below the age of 35 from a low-middle-income country.

The prizes and awards will be presented at the Congress Dinner on Tuesday, 28 May 2013.
PRIZE WINNERS

ESTS – BROMPTON PRIZE

2000  Dirk Van Raemdonck  Leuven, Belgium
2001  Bernward Passlick  Freiburg, Germany
2002  Thorsten Krueger  Lausanne, Switzerland
2003  Didier Lardinois  Zurich, Switzerland
2004  Federico Venuta  Rome, Italy
2005  Masahiro Tsuboi  Tokyo, Japan
2006  Tamas Szoke  Szeged, Hungary
2007  Isabelle Opitz  Zurich, Switzerland
2008  Elena Fernandez  Madrid, Spain
2009  Xavier D’Journo  Marseille, France
2010  Nuria Novoa  Salamanca, Spain
2011  Michele Salati  Ancona, Italy
2012  Alessandro Brunelli  Ancona, Italy

ESTS – YOUNG INVESTIGATORS PRIZE

2007  Juan J Fibla  Barcelona, Spain
2008  Kai Nowak  Mannheim, Germany
2009  Tomasz Marjanski  Gdansk, Poland
2010  Caroline Rivera  Paris, France
2011  Stephane Collaud  Zurich, Switzerland
2012  Cecilia Pompili  Ancona, Italy

ESTS – GREEK PIONEERS PRIZE

2006  Goksel Kalayci  Istanbul, Turkey
2007  Xavier D’Journo  Marseille, France
2008  Douglas West  Edinburgh, UK
2009  Marco Anile  Rome, Italy
2010  Guiseppe Marulli  Padua, Italy
2011  Yabo Wang  Lausanne, Switzerland
2012  Corinna Ludwig  Cologne, Germany

ESTS – COVIDIEN PRIZE

2007  Antigone Koliopoulo  Athens, Greece
2008  Cliff Choong  Cambridge, UK
2009  Attila Vagvolgyi  Budapest, Hungary
2010  Federico Raveglia  Milan, Italy
2011  Bastien Orsini  Marseille, France
2012  Kostas Kostopanagiotou  Leeds, UK
ESTS – GRILLO PRIZE
2009 Johannes Merk Berlin, Germany
2010 Nikolaos Tsirikos-Karapanos Rochester, USA
2011 Wolfgang Jungraithmayr Zurich, Switzerland
2012 Alfonso Fiorelli Naples, Italy

ESTS – DUTCH SOCIETY FOR LUNG SURGERY TRAVEL GRANT
2010 Ilker Iskender Sirnak, Turkey
2011 Levent Alpay Istanbul, Turkey
2012 Andrey Akopov St Petersburg, Russia

ESTS – DGT TRAVEL GRANT
2011 Mohammad Behgam Shadmehr Tehran, Iran
2012 Guven Olgac Istanbul, Turkey

ESTS – FSTCVS TRAVEL GRANT
2011 Adnan Sayer Istanbul, Turkey
2012 Ali Amiraliev Moscow, Russia

ESTS – ACECP TRAVELLING FELLOWSHIP
2009 Clemens Aigner Vienna, Austria
2010 Tevfik Kaplan Hatay, Turkey
2011 Gor Melikyan Yerevan, Armenia
2011 Francesco Carleo Rome Italy
2012 Amaia Ojanguren Arranz Barcelona, Spain
2013 Masaoki Ito Hiroshima, Japan

DONATIONS TO ESTS COMMITTEE FOR EDUCATION AND RESEARCH
Hazm Aljobory, Timisoara, Romania
Vlado Cvijanovic, Belgrade, Serbia
Paul De Leyn, Leuven, Belgium
Dimitrios Filippou, Thessaloniki, Greece
Fadil Gradica, Tirana, Albania
Tomasz Grodzki, Szczecin, Poland
Teodor Horvath, Brno, Czech Republic
Bartosz Kubisa, Szczecin, Poland
Jaroslav Kuzdzal, Krakow, Poland
Toni Lerut, Leuven, Belgium
Gunda Leschber, Berlin, Germany
Laureano Molins, Barcelona, Spain
Michael Mueller, Vienna, Austria
Maciej Narski, Poland
Isabelle Opitz, Zurich, Switzerland
Alessandro Palleschi, Milan, Italy
Steffan Rödel, Groningen, The Netherlands
Dirk Smets, Brussels, Belgium
Paul Van Schil, Antwerp, Belgium
Fitim Selimi, Pristina, Kosovo
Pascal Thomas, Marseille, France
Alper Toker, Istanbul, Turkey
Tom Treasure, London, UK
Dirk Van Raemdonck, Leuven, Belgium
Gonzalo Varela, Salamanca, Spain
Thorsten Walles, Wuerzburg, Germany
Biruta Witte, Koblenz, Germany
Janusz Wojcik, Szczecin, Poland
Ruoyu Zhang, Hannover, Germany
ESTS INSTITUTIONAL QUALITY CERTIFICATION

2011

Antwerp
Department of Thoracic and Vascular Surgery
Antwerp University Hospital, Belgium

2012:

Ancona
Ospedali Riuniti, Ancona, Italy

Barcelona
Hospital Sagrat Cor, Barcelona, Spain

Debrecen
University of Debrecen, Hungary

Istanbul
Istanbul University, Istanbul Medical School, Turkey

Salamanca
Salamanca University Hospital, Salamanca, Spain

2013:

Milan
Ospedale Maggiore Policlinico, Milan, Italy

Barcelona
Hospital Clinic, Barcelona, Spain

Leuven
University Hospitals Leuven, Belgium (provisional)

Istanbul
Istanbul University, Cerrahpasa Medical Faculty, Istanbul, Turkey (provisional)
INVITED LECTURE, MONDAY, 27 MAY 2013
EVOLUTION OF SCIENCE IN GENERAL THORACIC SURGERY
OVER THE PAST 20 YEARS

Celebrating the 20th Anniversary of ESTS 1993 - 2013
Professor Peter Goldstraw

Professor Peter Goldstraw is a graduate of the University of Bir-
ingham and a Fellow of the Royal College of Surgeons of England. He has held consultant posts at the Royal Brompton Hospital Lon-
don and Professor of Thoracic Surgery at Imperial College London, UK.

Peter Goldstraw is President of the International Association for
the Study of Lung Cancer, IASLC. Professor Goldstraw was a founder
member of ESTS and President of ESTS from 1994-1996 and spon-
or of the Brompton Prize from 2000 until the present. He hosted
the ESTS annual meeting in London 2000.

He received Honorary Membership from ESTS in 2007.

Professor Goldstraw has made an enormous contribution to thoracic surgery and has given over 380
lectures at national and international conferences. He has been awarded the Price Thomas Gold Medal
from the Royal College of Surgeons of England in 2004, a Lifetime Achievement Award by the British
Thoracic Oncology Group in 2006, the Merit Award of the International Association for the Study of Lung
Cancer (IASLC) in 2007 and a Lifetime Achievement Award by the Society for Cardiothoracic Surgery in
Great Britain and Ireland in 2010.

EXTRAORDINARY GUEST LECTURE, TUESDAY, 28 MAY 2013
“THE CLIMB TO EVEREST: LESSONS FROM EXTREME ALTITUDE FOR
CRITICALLY ILL PATIENTS.”

Professor Christopher Imray, PhD, FRCS, FRCP is a Consultant
Vascular/Endovascular/Renal Transplant Surgeon (1995- ) at Uni-
versity Hospitals Coventry and Warwickshire NHS Trust, Coventry
and is also Professor at Warwick Medical School (2009- ).

He started climbing whilst at school and has continued to travel
the world to fulfill this passion. He has climbed as far afield as the
sea cliffs of Cornwall to the volcanoes of Chile. His altitude research
began with the Birmingham Medical Research Expeditionary Soci-
ety in late 1980s, and more recently he has been involved with the
Caudwell Xtreme Everest Research Group and CASE. He took part in
the 2006 Xtreme Cho Oyu expedition to Tibet, as one of the medi-
cal officers. He was the Deputy Climbing Leader of the 2007 Caudwell Xtreme Everest Expedition. He
summitted both Cho Oyu (8201m) and Everest (8550m) and has the dubious distinction of having the
second lowest arterial gases ever recorded in an adult (at 8,400m). He is a member of the Alpine and
Climbers Club and sits on the Mount Everest Screening Committee.

As a vascular surgeon he has a particular interest in the management of the high risk carotid pa-
tient. He has introduced novel trans cranial Doppler directed intravenous antiplatelet therapies into
the management of neurologically unstable patients. Other surgical interests include high risk re-do
renal transplantation. An over-arching theme, drawing research findings from hypoxic individuals at
altitude, is the fitness of patients for surgery. His PhD is on the hypoxic and ischaemic brain.

Although he has published over 100 peer review papers on various subjects including altitude medi-
cine, cold injury, vascular surgery and renal transplantation, he remains an active mountaineer and
altitude researcher.
**GENERAL ASSEMBLY & BUSINESS MEETINGS**

The ESTS General Assembly will be held on Tuesday, 28 May from 17:30 – 19:00 in hall 5. The agenda of the meeting will be distributed to all members in advance. All ESTS members are encouraged to attend.

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<tr>
<th>Date</th>
<th>Business Meetings</th>
<th>Location</th>
<th>Participants</th>
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<td><strong>Friday 24 May 2013</strong></td>
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<tr>
<td>14.00-18.00</td>
<td>EBTS exams interview</td>
<td>Executive rooms 1, 2, 7, 9, 10</td>
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<td><strong>Saturday 25 May 2013</strong></td>
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<tr>
<td>09.00-18.00</td>
<td>EBTS exams oral + written</td>
<td>Executive rooms 2 &amp; 7-10</td>
<td>Examiners, Applicants</td>
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<tr>
<td>11.30-12.30</td>
<td>Mondial Final Briefing</td>
<td>Executive room 1</td>
<td>Mondial, ESTS Officers, Birmingham LOC</td>
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<td>12.30-13.30</td>
<td>Copenhagen 2014 Meeting</td>
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<td>Mondial, ESTS Officers, Copenhagen LOC</td>
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<td>13.30-14.00</td>
<td>Lunch</td>
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<td>14.00-18.00</td>
<td>Council Meeting</td>
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<td><strong>Sunday 26 May 2013</strong></td>
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<td>12.30-13.30</td>
<td>ESTS Working Groups - Thymic - NET - NSCLC staging</td>
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<td>Working group members, Enrico Ruffini, Pier Luigi Filosso, Paul De Leyn</td>
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<td>12.30-13.30</td>
<td>ESTS Database Committee with Dendrite</td>
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<td>Committee Members, Dendrite representatives, Open to database users</td>
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<td>12.30-13.30</td>
<td>UEMS Division of Thoracic Surgery</td>
<td>Executive room 8</td>
<td>Toni Lerut, Chair, President, Secretary, EBTS, UEMS National Representatives</td>
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<td>15.30-16.00</td>
<td>Ad Hoc Committees</td>
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<td>07.30-08.30</td>
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<td>Council &amp; Regents &amp; Presidents National Societies Meeting</td>
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<td>17.30-19.00</td>
<td>General Assembly</td>
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<td>Council Meeting</td>
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Solutions for Thoracic Surgery

Minimising trauma and maximising outcomes

Visit the Ethicon booth to experience the stability of Powered ECHELON FLEX™ Endocutters
### EXHIBITOR LIST – ALPHABETICAL ORDER

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**SUNDAY, MAY 26, 2013**

### HALL 1

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<td>08:00-08:30</td>
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<td>Database &amp; Quality Certification Session</td>
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**Colour Codes:**
- Abstract Sessions
- Invited Lectures
- Postgraduate Course
- Industrial Sessions
- Breakfast Sessions
- Social Events
- Breaks
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**Session I**

- Brompton Session
- Session I Videos

**Session II**

- Lunch Symposium: Bard

**Session III**

- Pulmonary Neoplastic
- Session IV: Young Investigators

**Session V**

- Pulmonary Non-Neoplastic

**Session VI**

- ESTS Working Group Session
- ESTS Biology Club

**Session VII**

- Moderated Posters
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<td>Breakfast Session 8 / How to do it: Thoracoscopic Treatment of Empyema</td>
<td>Breakfast Session 7 / How to do it: Laryngotracheal Resections</td>
<td>Breakfast Session 9 / How to do it: Esophagectomy: How to improve outcome</td>
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<td>15:00-15:30</td>
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Versatile - Innovative - Efficient

Covidien Surgical Solutions in Thoracic Surgery

Endo GIA™ Radial Reload with Tri-Staple™ Technology

Perform wedge resections with a single reload

- Avoid crossing staple lines
- Create greater distal margins
- Save healthy lung tissue

Sonicision™ Cordless Ultrasonic Dissection Device

Experience Ultrasonic Freedom

- Cordless
- Intuitive
- Efficient

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<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 08:00-08:30 | Postgraduate Symposium  
                 Session I  
                 Thoracic Oncology 1 |
| 08:30-09:00 |                                                                         |
| 09:00-09:30 |                                                                         |
| 09:30-10:00 |                                                                         |
| 10:00-10:30 | Coffee Break @ Exhibition Area                                          |
| 10:30-11:00 |                                                                         |
| 11:00-11:30 | Session II  
                 Pleural |
| 11:30-12:00 |                                                                         |
| 12:00-12:30 |                                                                         |
| 12:30-13:00 | Lunch Symposium  
                Medela |
| 13:00-13:30 |                                                                         |
| 13:30-14:00 | Database & Quality Certification Session                               |
| 14:00-14:30 |                                                                         |
| 14:30-15:00 |                                                                         |
| 15:00-15:30 | Session III  
                 Thoracic Oncology 2 |
| 15:30-16:00 |                                                                         |
| 16:00-16:30 |                                                                         |
| 16:30-17:00 | Coffee Break @ Exhibition Area                                          |
| 17:00-17:30 |                                                                         |
| 17:30-18:00 | Session IV  
                 Airways |
| 18:00-18:30 |                                                                         |
| 18:30-19:00 | Opening Ceremony                                                        |
| 19:00-19:30 |                                                                         |
| 19:30-20:00 | Opening Reception @ Exhibition Area                                    |
| 20:00-20:30 |                                                                         |
5TH JOINT COLLABORATIVE POSTGRADUATE SYMPOSIUM ON GENERAL THORACIC SURGERY
ORGANISED BY ESTS – AATS – STS – JACS – ASCVTS – CATS
Organiser: David Waller, Leicester/UK

3 teams based on their continent:

Europe (ESTS)
Dirk Van Raemdonck (Coach), Federico Venuta (Captain), Edward Black, John Edwards, Henrik Jessen Hansen, Eveline Internullo, Gilbert Massard, Isabelle Opitz, Bernward Passlick, Alper Toker, Marcin Zielinski

America (AATS/STS)
David Sugarbaker (Coach), Douglas Wood (Captain), Raphael Bueno, Stephen Cassivi, Frank Detterbeck, Mark Ferguson, Blair Marshall, Keith Naunheim, David Rice, Thomas Rice, Cameron Wright

Asia (ASCVTS/JACS/CATS)
Tian-you Wang (Coach), Rajan Santosham (Captain), Thirugnanam Agasthian, Khaled Al-Kattan, Hisao Asamura, Servarayan M Chandramohan, Cliff Choong, Hiroshi Date, Ali Zamir Khan, Meinoshin Okumura, Alan Sihoe

Concept: A clinical case – 3 alternative management plans by 3 presenters from each of the 3 teams – a preliminary vote by interactive voting pads – cross-examination by the audience – the final vote by interactive voting pads.

Presenters submit their arguments in advance (5 slides max.). Points are not won for the team who has the majority of votes but the team who has effected the greatest increase in audience opinion between pre and post votes by the power of their argument.

Each case will take 40 min:
Initial clinical scenario – presented by the Moderator 5 min
Initial vote (interactive voting pads) 5 min
3 presentations (one from each team) 15 min (3 x 5 min)
Discussion – chaired by the Moderator, involving team coaches and presenter 10 min
Final vote (interactive voting pads) 5 min

There will be 10 cases in all covering a wide range of thoracic conditions.

CASE 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.

1) NO SURGERY
Keith Naunheim (America)

2) RIGHT UPPER (SLEEVE) LOBECTOMY
Hisao Asamura (Asia)

3) RIGHT PNEUMONECTOMY
Gilbert Massard (Europe)
CASE 2: LUNG CANCER – OLIGOMETASTATIC
55 year old male PS 0. R lower lobe adenocarcinoma stage I with isolated R adrenal lesion.

1) NON-SURGICAL
Bernward Passlick (Europe)

2) SYNCHRONOUS R LOWER LOBECTOMY PLUS TRANSDIAPHRAGMATIC ADRENALECTOMY
Hiroshi Date (Asia)

3) LAP ADRENALectomy FIRST FOLLOWED BY CHEMO THEN LOBECTOMY
David Rice (America)

CASE 3: 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.

1) VATS WEDGE RESECTIONS
Meinoshin Okumura (Asia)

2) BILATERAL VATS LOBECTOMY
Henrik Jessen Hansen (Europe)

3) LUNG TRANSPLANTATION
Frank Detterbeck (America)

10:00 - 10:30 Coffee Break Exhibition Area

10:30 -12:30 – SESSION II: PLEURAL

CASE 4: 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.

1) CONSERVATIVE – DRAINAGE, TPN, OCTREOTIDE
Isabelle Opitz (Europe)

2) VATS LIGATION
Ali Zamir Khan (Asia)

3) REDO THORACOTOMY
Blair Marshall (America)

CASE 5: SECONDARY SPONTANEOUS PNEUMOTHORAX
78 year old male with severe COPD. Persistent secondary pneumothorax with failure to expand lung.

1) VATS
Cliff Choong (Asia)

2) OPEN SURGERY
Douglas Wood (America)

3) CONSERVATIVE/EBV
Federico Venuta (Europe)
CASE 6: 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.

1) CONSERVATIVE TREATMENT – CHEST TUBE DRAINAGE/VENTILATION
Mark Ferguson (America)

2) VATS – DRAIN HAEMOTHORAX, STAPLE AIR LEAK
Alan Sihoe (Asia)

3) OPEN SURGERY – REPAIR LUNG INJURY AND FIXATE RIB FRACTURES
John Edwards (Europe)

12:30 – 13:30 Hall 1
MEDELA LUNCH SYMPOSIUM
CURRENT THINKING IN THORACIC RESEARCH: AN EVIDENCE-BASED APPROACH TO CLINICAL PRACTICE

Chairman: Konstantinos Papagiannopoulos, Leeds/UK

THE CHANGING LANDSCAPE FOR LUNG CANCER
Frank Detterbeck, New Haven/US

HOW TO CONCILE CLINICAL PRACTICE WITH CLINICAL RESEARCH
Alessandro Brunelli, Ancona/IT

PHYSIOLOGY OF PLEURAL SPACE MECHANICS AND FLUID-DYNAMICS
Giuseppe Miserocchi, Mailand/IT

MEASURING POST-OPERATIVE FLUIDS: THE DEVELOPMENT OF A NEW EVIDENCE-BASED FLUID MANAGEMENT PROTOCOL AT THE ROYAL BROMPTON HOSPITAL, LONDON
Eric Lim, London/UK

13:30 – 15:00 Hall 1
DATABASE AND QUALITY CERTIFICATION SESSION

Chairmen: Alessandro Brunelli, Ancona/IT, Pierre Emmanuel Falcoz, Strasbourg/FR

13:30 ESTS DATABASE: 2013 ANNUAL REPORT
Pierre-Emmanuel Falcoz, Strasbourg/FR

13:45 ESTS/STS STANDARDIZATION OF NOMENCLATURE
Cameron Wright, Boston/US

14:00 THYMOMA PROJECT
Enrico Ruffini, Torino/IT

14:15 ESTS INSTITUTIONAL ACCREDITATION: METHODS AND RULES OF THE PROCESS
Alessandro Brunelli, Ancona/IT

14:30 EBTS AND UEMS
Toni Lerut, Leuven/BE

14:45 DISCUSSION
15:00 - 16:20 – SESSION III: THORACIC ONCOLOGY – 2

CASE 7: 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?

1) TRANSCERVICAL
   Marcin Zielinski (Europe)

2) THORACOSCOPIC
   Thirugnanam Agasthian (Asia)

3) MEDIAN STERNOTOMY
   Stephen Cassivi (America)

CASE 8: MALIGNANT EMPYEMA
69 year old with a Right pleural effusion. Cytology suggests malignant mesothelioma. Now has purulent drainage, fever, leucocytosis.

1) EXTENDED PD
   Raphael Bueno (America)

2) VATS DECORTICATION
   Alper Toker (Europe)

3) RIB RESECTION + DEBRIDEMENT
   Khaled Al-Kattan (Asia)

16:20 - 16:50  Coffee Break

16:50 - 18:30 – SESSION IV: AIRWAYS

CASE 9: TRACHEO-OESOPHAGEAL FISTULA
27 year old male who presented with Non-Hodgkins lymphoma involving the mediastinum. After a good response to chemotherapy the mediastinal element has resolved leaving a large tracheo-oesophageal fistula.

1) ENDOLUMINAL TREATMENT
   Eveline Internullo (Europe)

2) REPAIR
   Thomas Rice (America)

3) RESECT – OESOPHAGECTOMY
   Servarayan M. Chandramohan (Asia)
CASE 10: 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.

1) ENDOBRONCHIAL ABLATION
   Edward Black (Europe)

2) PNEUMONECTOMY
   Rajan Santosham (Asia)

3) RESECT STENOTIC SEGMENT
   Cameron Wright (America)

18:10 - 18:30 – PRESENTATION
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
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<tr>
<td>07:30-08:00</td>
<td>Breakfast session</td>
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<tr>
<td>08:00-08:30</td>
<td>Meet the Expert: Robotic Pulmonary Resections</td>
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<tr>
<td>08:30-09:00</td>
<td>Meet the Expert: How to localize small nodules during VATS</td>
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<tr>
<td>09:00-09:30</td>
<td>Meet the Expert: EBUS and EUS in Mediastinal Staging of Lung Cancer</td>
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<td>09:30-10:00</td>
<td>Coffee Break @ Exhibition Area</td>
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<td>13:00-13:30</td>
<td>Meet the Expert: Young Investigators</td>
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<tr>
<td>13:30-14:00</td>
<td>Meet the Expert: Pulmonary Non-Neoplastic Lung Cancer</td>
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<td>Coffee Break @ Exhibition Area</td>
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<tr>
<td>14:30-15:00</td>
<td>Meet the Expert: Pulmonary Neuroendocrine Tumors</td>
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<td>Lunch Symposium</td>
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<td>15:30-16:00</td>
<td>Meet the Expert: Innovative / Experimental Sessions</td>
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<td>16:00-16:30</td>
<td>Coffee Break @ Exhibition Area</td>
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<td>16:30-17:00</td>
<td>Meet the Expert: Neuroendocrine Tumors, Biology Club</td>
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<td>Meet the Expert: Young Investigators</td>
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<td>Meet the Expert: Pulmonary Non-Neoplastic Lung Cancer</td>
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<td>18:00-18:30</td>
<td>Abstract Sessions</td>
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<td>18:30-19:00</td>
<td>Invited Lectures, Postgraduate Course, Industry Sessions, Social Events, Breaks</td>
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**Monday, 27 May 2013**
MONDAY, 27 MAY 2013

07:30 - 08:20 Hall 10b

BREAKFAST SESSION 1
MEET THE EXPERT: ROBOTIC PULMONARY RESECTIONS
Alper Toker, Istanbul/TR

07:30 - 08:20 Hall 11b

BREAKFAST SESSION 2
MEET THE EXPERT: EBUS AND EUS IN MEDIASTINAL STAGING OF LUNG CANCER
Robert Rintoul, Cambridge/UK

07:30 - 08:20 Hall 11a

BREAKFAST SESSION 3
MEET THE EXPERT: HOW TO LOCALIZE SMALL NODULES DURING VATS
Antonio Martin-Ucar, Nottingham/UK

08:20 - 10:30 Hall 1

08:20 - 08:25 OPENING REMARKS
Dirk Van Raemdonck (President), Leuven/BE

08:25 - 08:30 REPORT PROGRAMME COMMITTEE
Jaroslaw Kuzdzal (Chair), Cracow/PL

08:30 - 10:30 SESSION I: BROMPTON
(8’ presentation + 4’ invited discussant + 8’ discussion)

Award: ESTS-Brompton Prize (EUR 2000) for best abstract by first author ESTS member

Chairmen: Dirk Van Raemdonck, President, Leuven/BE – Alessandro Brunelli, Secretary General, Ancona/IT – Eric Lim, Brompton Hospital, London/UK

08:30 B-001 PROPENSITY SCORE-MATCHED ANALYSIS OF STAGE I-II NON-SMALL CELL LUNG CANCER TREATED BY VATS LOBECTOMY OR STEREOTACTIC ABLATIVE RADIOTHERAPY
Jan Wolter Oosterhuis1, N. Verstegen1, A. van der Elst2, R. Mollema2, W. van Tets3, J. Joosten4, A. Amir5, S. Senan1
1Amsterdam/NL, 2Hoofddorp/NL, 3Alkmaar/NL, 4Hoorn/NL, 5Purmerend/NL
Invited Discussant: Henrik Jessen Hansen, Copenhagen/DK

08:50 B-002 EXTENDED RECIPIENTS BUT NOT EXTENDED DONORS ARE ASSOCIATED WITH POOR OUTCOMES FOLLOWING LUNG TRANSPLANTATION
Paula Moreno, A. Alvarez, F. Santos, J.M. Vaquero, C. Baamonde, F.J. Algar, F. Cerezo, A. Salvatierra
Cordoba/ES
Invited Discussant: John Dark, Newcastle Upon Tyne/UK
09:10  B-003  NATIONAL PEROOPERATIVE OUTCOMES OF PULMONARY LOBECTOMY FOR CANCER: THE INFLUENCE OF THE NUTRITIONAL STATUS
Pascal Alexandre Thomas¹, P.-E. Falcoz², F. Le Pimpec-Barthes¹, A. Bernard¹, J. Jougon¹, H. Porte³, M. Alifano³, M. Dahan⁷
¹Marseille/FR, ²Strasbourg/FR, ³Paris/FR, ⁴Dijon/FR, ⁵Pessac/FR, ⁶Lille/FR, ⁷Toulouse/FR
Invited Discussant: Mark Ferguson, Chicago/US

09:30  B-004  CAN MAXIMAL INSPIRATORY AND EXPIRATORY PRESSURES DURING EXERCISE PREDICT COMPLICATIONS IN PATIENTS SUBMITTED TO MAJOR LUNG RESECTIONS? A PROSPECTIVE COHORT STUDY
Majed Refai, C. Pompili, F. Xiumè, M. Salati, A. Sabbatini, A. Brunelli
Ancona/IT
Invited Discussant: Mike Morgan, Leicester/UK

Leuven/BE
Invited Discussant: Thomas W Rice, Cleveland/US

10:10  B-006  RESULTS OF LI-THO TRIAL: A PROSPECTIVE RANDOMIZED STUDY ON EFFECTIVENESS OF LIGASURE® IN LUNG RESECTIONS Luca Bertolaccini, A. Viti, A. Cavallo, A. Terzi
Cuneo/IT
Invited Discussant: Konstantinos Papagiannopoulos, Leeds/UK

10:30 - 11:00  Coffee Break  Exhibition Area

11:00 - 13:00  Hall 1

PRESIDENTIAL SYMPOSIUM
ESTS was founded on the 18 November 1993 in Heidelberg, Germany. Ingolf Vogt-Moykopf was elected President, Peter Goldstraw as Vice President, Toni Lerut as Treasurer and Detlev Branscheid as Secretary General. ESTS is celebrating its 20th Anniversary during the annual meeting in Birmingham UK 26 - 29 May 2013. ESTS now has over 1300 members from 70 countries and welcomes thoracic surgeons worldwide.

Our mission is to improve quality in all aspects of our specialty: from clinical and surgical management of patients to education, training and credentialing of thoracic surgeons in Europe and worldwide
11:00 - 11:20  20th Anniversary ESTS (video)
11:20 - 11:50  Invited lecture
              Peter Goldstraw, London/UK
11:50 - 12:00  Introduction to the President
              Federico Venuta, Rome/IT (President-elect)
12:00 - 12:30  Presidential Address
              A Piece of Cake
              Dirk Van Raemdonck, Leuven/BE
12:30 - 13:00  Presidential reception (all delegates)

13:00 - 14:00  Hall 5
BARD LUNCH SYMPOSIUM
IMPROVING PATIENT OUTCOMES THROUGH THE USE OF PROGEL, AN INNOVATIVE
INTRA-OPERATIVE SEALANT: CLINICAL EVIDENCE AND ECONOMICAL CONSEQUENCES
Chairman: Erik Reese, Warwick/US
          Dan L. Miller, Atlanta/US
          Michael Borger, Leipzig/DE

13:00 - 14:00  Hall 11a
DEPUY SYNTHES LUNCH SYMPOSIUM
THE USE OF TECHNOLOGICALLY ADVANCED MATERIALS TO RECONSTRUCT
IN THORACIC SURGERY. INDICATIONS, BENEFITS, PITFALLS
Chairman: Konstantinos Papagiannopoulos, Leeds/UK
13:00 - 13:20  OPEN REDUCTION AND INTERNAL FIXATION OF RIB FRACTURES:
              PATIENT REPORTED OUTCOMES AND CLINICAL EXPERIENCE FROM
              OXFORD
              Edward Black, Oxford/UK
13:20 - 13:40  THE EXTENDED USE OF BIOLOGICAL MESH IN THORACIC SURGERY
              Konstantinos Papagiannopoulos, Leeds/UK
13:40 - 14:00  HANDS-ON / WORKSHOPS
SESSION II: VIDEOS (7’ presentation + 3’ discussion)

Chairmen: Cengiz Gebitekin, Bursa/TR – Tim Batchelor, Bristol/UK

13:00 V-007  ANTERIOR MEDIASTINAL TRACHEOSTOMY (ATM) AFTER TRACHEOSTOMY RECURRENCE OF LARYNGEAL CANCER
Marc Boada1, E. Cladellas1, J.-P. Berthet2, J. Gimferrer1, L. Molins1, A. Gomez-Caro1
1Barcelona/ES, 2Montpellier/FR

13:10 V-008  SYNCHRONOUS PULMONARY SEQUESTRATION AND BRONCHOGENIC CYST: VIDEOTHORACOSCOPIC RESECTION
Brian Morris, C. Chwat, J. Braga Menendez, J. Ansede, D. Chimondeguy
Buenos Aires/AR

13:20 V-009  TOTALLY THORACOSCOPIC REPAIR OF PULMONARY INTERCOSTAL HERNIA
Edoardo Mercadante, D. Spoletini, M. Carlini
Rome/IT

13:30 V-010  ATYPICAL SEGMENTECTOMY (RIGHT SEGMENT 1A AND 2A) USING INDOCYANINE GREEN DYE METHOD
Shiaki Oh, K. Suzuki, K. Takamochi, Y. Miyasaka, M. Fukui, T. Matsunaga
Tokyo/JP

13:40 V-011  GIST OF THE ESOPHAGUS IN THE AORTOPULMONARY WINDOW OPERATED FROM THE RIGHT SIDE
Joerg Hutter, S. Reich-Weinberger, J. Holzinger
Salzburg/AT

13:50 V-012  THORACOSCOPIC MEDIASTINAL LYMPH NODE DISSECTION FOR LUNG CANCER BY THE ENERGY DEVICE
Kiyonori Nishioha1, T. Iwashawa2
1Hyogo/JP, 2Toyonaka/JP

SESSION III: PULMONARY NEOPLASTIC

ORAL SESSION (8’ presentation + 7’ discussion)

Chairmen: Hiroshi Date, Kyoto/JP – Alper Toker, Istanbul/TR

14:00 O-013  PROGNOSTIC SIGNIFICANCE OF METASTASIS TO SEGMENTAL OR SUBSEGMENTAL LYMPH NODES IN PATIENTS SUBMITTED TO SURGICAL RESECTION OF NON-SMALL CELL LUNG CANCER WITH PATHOLOGIC N1 LYMPH NODE STATUS
Ottavio Rena, G. Baietto, A. Roncon, E. Papalia, D. Turello, F. Massera, F. Davoli, C. Casadio
Novara/IT

14:15 O-014  THE IMPACT OF PULMONARY HYPERTENSION ON MORBIDITY AND MORTALITY FOLLOWING MAJOR LUNG RESECTION
Benjamin Wei, T. D’Amico, Z. Samad, M. Berry
Durham/US
14:30  0-015  CLINICAL MANAGEMENT OF ATYPICAL CARCINOID AND LARGE-CELL NEUROENDOCRINE CARCINOMA. A MULTICENTRE STUDY ON BEHALF OF THE ESTS NEUROENDOCRINE TUMORS OF THE LUNG WORKING GROUP
Pier Luigi Filosso\textsuperscript{1}, O. Rena\textsuperscript{2}, F. Guerrero\textsuperscript{1}, P. Moreno Casado\textsuperscript{3}, D. Sagan\textsuperscript{4}, F. Raveglia\textsuperscript{1}, A. Brunelli\textsuperscript{5}, S. Welter\textsuperscript{1}
\textsuperscript{1}Torino/IT, \textsuperscript{2}Novara/IT, \textsuperscript{3}Cordoba/ES, \textsuperscript{4}Lublin/PL, \textsuperscript{5}Milano/IT, \textsuperscript{6}Ancona/IT, \textsuperscript{7}Essen/DE

14:45  0-016  EFFECT OF IMPLEMENTING THE EUROPEAN GUIDELINES FOR FUNCTIONAL EVALUATION BEFORE LUNG RESECTION ON CARDIO-RESPIRATORY MORBIDITY AND 30-DAY MORTALITY IN LUNG CANCER PATIENTS. A CASE-CONTROL STUDY ON A MATCHED SERIES OF PATIENTS
Nuria M Novoa, M.F. Jiménez, M.T. Gómez-Hernández, J.L. Aranda, M. Rodríguez, J. Ramos, G. Varela
Salamanca/ES

15:00  0-017  THE INFLUENCE OF BODY MASS INDEX (BMI) AND WEIGHT LOSS ON OUTCOME OF ELDERLY PATIENTS UNDERGOING LUNG CANCER RESECTION
M. Santini, Alfonso Fiorelli, G. Vicidomini, P. Laperuta, A. Mazzella, G. Messina, R. Milione
Naples/IT

15:15  0-018  OBSERVATIONS IN LUNG CANCER CARE OVER 5 DECADES: AN ANALYSIS OF OUTCOMES AND COSTS AT A SINGLE HIGH VOLUME INSTITUTION
Michael Lanuti\textsuperscript{1}, C. Stock\textsuperscript{1}, A. Shihab\textsuperscript{2}, D. Mathisen\textsuperscript{1}, J. Michaelson\textsuperscript{2}
\textsuperscript{1}Boston/US, \textsuperscript{2}Cambridge/US

14:00 - 15:30  Hall 5
SESSION IV: YOUNG INVESTIGATORS AWARD
Award: ESTS-Young Investigator Award (EUR 2000) for best research abstract by first author ESTS member < 35 years

FORUM SESSION (7’ presentation + 3’ discussion)
Chairmen: Isabelle Opitz, Zurich/CH – Alan Sihoe, Hong Kong/PRC

14:00  F-019  THE N2 PARADOX: SIMILAR OUTCOMES OF PRE AND POSTOPERATIVELY IDENTIFIED SINGLE ZONE N2A POSITIVE NON-SMALL LUNG CANCER
Thomas Tsitsias, A. Boulemden, K. Ang, A. Nakas, D. Waller
Leicester/UK

14:10  F-020  MORPHOLOGICAL AND MOLECULAR CHARACTERIZATION OF CANCER PHENOTYPES ASSOCIATED WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
Marco Schiavon, G. Marulli, A. Zuin, F. Calabrese, N. Nannini, G.M. Comacchio, E. Rossi, L. Battistella, A. Rebusso, F. Rea
Padua/IT
14:20  F-021  AN AUDIT OF POSTOPERATIVE ANALGESIA AFTER SINGLE-PORT VATS LOBECTOMY. CAN WE AVOID EPIDURAL CATHETERS?
Laura Socci, A. Sharma, M. Malik, E. Internullo, A. Martin-Ucar
Nottingham/UK

14:30  F-022  THE RISK OF BILOBECTOMY COMPARED TO LOBECTOMY. A RETROSPECTIVE ANALYSIS OF A SERIES OF MATCHED CASES AND CONTROLS
María Teresa Gómez-Hernández, M.F. Jiménez, J.L. Aranda, M. Rodríguez, N.M. Novoa, G. Varela
Salamanca/ES

14:40  F-023  NEW ANASTOMOSIS TECHNIQUE WITH SUPERIOR PULMONARY VEIN IN LUNG TRANSPLANTATION
Cordoba/ES

14:50  F-024  TIME-TREND ANALYSIS OF THE PULMONARY FUNCTION AFTER SURGICAL TREATMENT FOR ESOPHAGEAL CANCER: POTENTIALITY AND ROLE OF PULMONARY REHABILITATION
Rome (Italy)/IT

15:00  F-025  RISK FACTORS FOR ABDOMINAL COMPLICATIONS AFTER LUNG TRANSPLANTATION
Marta G. Fuentes¹, C. Álvarez², S. Naranjo², L. Sánchez², R. Mons², M. Carbajo², J. Zabaleta², B. Aguinalde², N. Bazterargui³, J.M. Izquierdo¹
¹San Sebastian/ES, ²Santander/ES

15:10  F-026  PN2 COMPLETE RESECTED NON-SMALL CELL LUNG CANCER: IS THERE REALLY A SUBSET OF PATIENTS WHO BENEFIT FROM SURGERY?
David Sanchez Lorente, X. Baldo Padro, M. Rubio Garay, F. Sebastian Quetglas
Girona/ES

15:20  F-027  RISK GROUP ANALYSIS FOR PROLONGED AIR LEAK FOLLOWING SURGERY FOR PRIMARY SPONTANEOUS PNEUMOTHORAX. IS PREOPERATIVE USE OF CANNABIS A PREDISPOSING FACTOR?
Ralitsa Hristova, K. Kostopanagiotou, N. Chaudhuri, K. Papagiannopoulos
Leeds/UK

15:30 - 16:00 Coffee Break Exhibition Area
SESSION V: PULMONARY NON-NEOPLASTIC
ORAL SESSION (8’ presentation + 7’ discussion)
Chairmen: Gonzalo Varela, Salamanca/ES - Sridhar Rathinam, Leicester/UK

16:00  0-028  THE USE OF THE THORACIC MORBIDITY AND MORTALITY
SYSTEM FOR THE INTERNAL ANALYSIS OF PERFORMANCE:
A CASE MATCHED TEMPORAL AUDIT
Michele Salati, M. Refai, C. Pompili, F. Xiumè, A. Sabbatini,
A. Brunelli
Ancona/IT

16:15  0-029  CONTROL OF POST-THORACOTOMY PAIN BY TRANSCUTANEOUS
ELECTRICAL NERVE STIMULATION: A RANDOMIZED PROSPECTIVE
STUDY
Juan J. Fibla, L. Molins, J.M. Mier, J. Hernandez, A. Sierra
Barcelona/ES

16:30  0-030  EXTRACORPOREAL LUNG SUPPORT IN TRAUMA PATIENTS WITH
SEVERE CHEST INJURY AND ACUTE LUNG FAILURE:
A 10-YEAR INSTITUTIONAL EXPERIENCE
Michael Ried, A. Philipp, T. Bein, T. Müller, B. Graf, C. Schmid,
C. Diez, H.-S. Hofmann
Regensburg/DE

16:45  0-031  SHOULD PATIENTS UNDERGOING LUNG RESECTION WITHOUT
EPIDURAL ANALGESIA BE CATHETERISED ROUTINELY?
Bilal Kirmani, T. Conley, J. McShane, M. Shackcloth
Liverpool/UK

17:00  0-032  EARLY CHEST TUBE REMOVAL AFTER VIDEO-ASSISTED THORACIC
SURGERY (VATS) LOBECTOMY WITH SEROUS FLUID PRODUCTION
UP TO 500 ML/DAY
L. Bjerregaard, Katrine Jensen, R.H. Petersen, H.J. Hansen
Copenhagen/DK

17:15  0-033  SOURCES OF PERCEIVED SOCIAL SUPPORT AFFECT PERCEPTION OF
THE DISEASE BUT NOT LIFE SATISFACTION IN PATIENTS WITH LUNG
CANCER
Lublin/PL
SESSION VI: INNOVATIVE/EXPERIMENTAL

Award: ESTS-Grillo Award (EUR 1000) for best innovative/experimental abstract

FORUM SESSION (7’ presentation + 3’ discussion)

Chairmen: Douglas Mathisen, Boston/US – Tomasz Grodzki, Szczecin/PL

16:00 F-034  THE COMPARISON OF TRACHEOTOMY AND TRANSLARYNGEAL INTUBATION REGARDING FREE RADICAL FORMATION AND EFFECT ON THE LUNG IN RATS
Figen Turk1, C. Atinkaya1, G. Yuncu1, Y. Ekinci1, B. Sahin2, H. Atalay1, H. Aybek1, F. Bir1
1Denizli/TR, 2Denzili/TR

16:10 F-035  VEGF PATHWAY REFLECTS THE CLINICO-PATHOLOGICAL BEHAVIOUR OF THYMIC EPITHELIAL TUMOURS
Guiseppe Marulli1, F. Rea1, F. Di Chiara1, G.M. Comacchio1, F. Calabrese1, L. Battistella1, S. Nicotra2, N. Nannini2, F. Lunardi2, F. Calabrese2
1Padova/IT, 2Padua/IT

16:20 F-036  ANTINEOPLASTIC ACTIVITY OF POVIDONE-IODIDE ON DIFFERENT MESOTHELIOMA CELL LINES: RESULTS OF IN-VITRO STUDY
Alfonso Fiorelli1, V. D'Urso2, D. Di Marzo2, A. Giordano3, F. Pentimalli2, M. Di Domenico1, M. Accardo1, M. Santini1
1Naples/IT, 2Mercogliano/IT, 3Philadelphia/US

16:30 F-037  HUMAN ACCELLULAR DERMIS SEEDED WITH AUTOLOGOUS FIBROBLASTS ENHANCES BRONCHIAL ANASTOMOSTIC HEALING IN AN IRRADIATED RODENT SLEEVE RESECTION MODEL
Eric Roessner, A. Schulmeister, M. Vitacolonna, C. Tsagougias, M. Brockmann, P. Hohenberger
Mannheim/DE

16:40 F-038  REAL-TIME, IN-VIVO TISSUE IDENTIFICATION DURING THORACIC SURGERY
Attila Enyedi1, I. Takacs1, C. Váradi1, L. Veres1, K.G. Szabo1, T. Végh1, J. Balog3, Z. Takáts4
1Debrecen/HU, 2Southampton Hampshire/UK, 3Budapest/HU, 4London/UK

16:50 F-039  THE EFFICACY OF 320-DETECTOR ROW CT FOR ASSESSMENT OF PREOPERATIVE PULMONARY VASCULATURE OF CANDIDATES FOR PULMONARY SEGMENTECTOMY
Shinya Tane, D. Hokka, S. Tauchi, Y. Maniwa
Kobe/JP

17:00 F-040  ABSOLUTE CEREBRAL VS. STANDARD PERIPHERAL OXYGEN SATURATION IN THORACIC SURGERY: DOES IT REALLY DIFFER?
Szczecin/PL
17:10  F-041  EXPERIMENTAL MODEL TO EVALUATE LUNG COMPLIANCE FOLLOWING LOBAR RESECTION
Giuseppe Miserochhi, C. Salito, D. Bovio, E. Mazzuca, I. Rivolta, A. Aliverti, A. Brunelli
1Monza/IT, 2Milano/IT, 3Ancona/IT

17:20  F-042  ANTI-INFLAMMATORY AGENTS ALTER HYDROTHORAX REMOVAL IN MICE
Vasileios Kouritas, C. Zisis, S. Maggouta, I. Psalidas, I. Bellenis, I. Kalomenidis
Athens/GR

17:30 - 19:00  Hall 1
ESTS WORKING GROUP SESSION: NEUROENDOCRINE TUMOURS
Organiser: Pier Luigi Filosso, Turin/IT

17:30  INTRODUCTION: FIRST YEAR RESULTS OF ESTS NETS WORKING GROUP ACTIVITY
Pier Luigi Filosso, Turin/IT

17:37  BIOLOGY AND CLINICAL PRESENTATION IN LUNG NETS
Eric Lim, London/UK

17:47  IS OUTCOME INFLUENCED BY THE EXTENT OF SURGICAL RESECTION IN WELL-DIFFERENTIATED LUNG NETS?
Paul De Leyn, Leuven/BE

18:02  BEYOND NETS “GREY ZONE”: MANAGEMENT OF ATYPICAL CARCINOMAS
Mariano Garcia Yuste, Valladolid/ES

18:12  BEYOND NETS “GREY ZONE”: MANAGEMENT OF NCNCS
Hisao Asamura, JP

18:22  MULTIMODAL MANAGEMENT OF ADVANCED NETS: THE SURGEON’S PERSPECTIVE
Pascal Alexandre Thomas, Marseille/FR

18:37  MULTIMODAL MANAGEMENT OF ADVANCED NETS: THE ONCOLOGIST’S PERSPECTIVE
Piero Ferolla, Perugia/IT

18:52  DISCUSSION

17:30 - 19:00  Hall 5
ESTS BIOLOGY CLUB (Lectures 10’ , discussion 5’)
Chairmen: Gaetano Rocco, Naples/IT – Isabelle Opitz, Zurich/CH

“BIOMOLECULAR” AND CLINICAL PRACTICE: WHAT THORACIC SURGEONS SHOULD KNOW

17:30  INTRODUCTION
Isabelle Opitz, Zurich/CH

17:40  MESOTHELIOMA: NEW PERSPECTIVES FOR BIOMOLECULAR DIAGNOSIS
Harvey Pass, New York/US
17:55  MESOTHELIOMA: NEW PERSPECTIVES FOR BIOMOLECULAR PROGNOSIS  
Raphael Bueno, Boston/US

18:10  LUNG CANCER: THE ROLE OF MICRORNAS  
Ugo Pastorino, Milan/IT

18:25  LUNG CANCER: POTENTIAL CLINICAL APPLICATIONS OF GENOMIC SEQUENCING  
Eric Lim, London/UK

18:40  FINAL REMARKS  
Gaetano Rocco, Naples/IT

17:30 - 19:00  Poster Area Hall 3

SESSION VII: MODERATED POSTERS (3' presentation)

Award: ESTS-Greek Pioneer Prize (EUR 500) for the best poster

Chair: Kalliopi Athanassiadi, Athens/GR

13 groups on 13 topics (see below).

Meeting Point: Poster Area in the Exhibition Hall (Hall 3).

Posters are grouped by topic and will be presented (3 min) in numbered order by the presenting author in front of the poster panel. Attendees are encouraged to participate in the poster discussion with the authors.

GROUP 1: PULMONARY NEOPLASTIC I

Chairman: Bram Balduyck, Antwerp/BE

P-118  IMPACT OF INTER-OBSERVER VARIABILITY ON THORACOSCORE RISK STRATIFICATION  
Oxford/UK

P-119  NO CLOSING OF THE LUNG PARENCHYMA AFTER ATYPICAL LASER RESECTION – INITIAL AIR – TIGHTNESS  
Andreas Kirschbaum1, A. Steinfeld1, A. Gockel1, P. Di Fazio1, D. Bartsch1  
1Marburg/DE, ‘Marbrug/DE

P-120  IMPACT OF INDUCTION THERAPIES ON PATHOLOGY AND OUTCOME AFTER SURGICAL RESECTION OF NON-SMALL LUNG CANCER: A 30-YEAR EXPERIENCE OF 859 PATIENTS  
Pierre Mordant, E. Fabre-Guillevain, A. Arame, C. Pricopi, A. Dujon, C. Foucault, F. Le Pimpec-Barthes, M. Riquet  
Paris/FR

P-121  SOLID PART DIMENSION IS NOT EQUAL TO MAXIMUM TUMOR DIMENSION AS A PROGNOSTIC IMPACT FOR LUNG CANCER – UNDERESTIMATION OF THE SIZE OF SOLID COMPONENT ON THIN SECTION CT SCAN  
Tatsuo Maeyashiki, K. Suzuki, K. Takamochi, S. Oh  
Tokyo/JP

P-122  ANATOMICAL SEGMENTECTOMY WITH VATS AND ROBOTICS. DOES IT MATTER?  
Suat Erus, S. Kaya, K. Ayalp, B. Ozkan, E. Kaba, A. Toker  
Istanbul/TR
P-123 QUALITY OF LIFE IN PATIENTS WITH EARLY STAGE NON-SMALL CELL LUNG CANCER TREATED WITH SURGERY ALONE OR SURGERY FOLLOWED BY ADJUVANT CHEMOTHERAPY
Heike Zabeck, T. Muley, S. Kobinger, L. Edler, R. Rausch, H. Dienemann Heidelberg/DE

P-124 HYPOXANATREMIA FOLLOWING LUNG RESECTION: EPIDURAL ANALGESIA MAY BE A CONTRIBUTING FACTOR

P-125 SHOULD PATIENT WITH N2 DISEASE BE EXCLUDED FROM THORACIC METASTASECTOMY OF COLORECTAL CANCER?
1Strasbourg/FR, 2Paris/FR

P-126 PROGNOSTIC SIGNIFICANCE OF MYC AND HUMAN TELOMERASE (TERC) GENE AMPLIFICATION IN SURGICALLY TREATED EARLY STAGE NON-SMALL CELL LUNG CANCER (NSCLC)
Mark Raganus1, A. Flacco1, V. Ludovini1, F. Bianconi1, J. Vannucci1, G. Bellezza1, A. Sidoni1, M. Varella-Garcia1, L. Crino1, F. Puma1
1Perugia/IT, 2Aurora/US

P-127 EXISTENCE OF AIR BRONCHOGRAM IN THE PRIMARY TUMOR IS POSITIVE PREDICTIVE FACTOR FOR C-STEAGE IA LUNG CANCER PATIENTS WITH RADIOLOGICALLY “PURE SOLID” APPEARANCE ON THIN-SECTION CT SCAN

GROUP 2: PULMONARY NEOPLASTIC II
Chairman: Majed Refai, Ancona/IT

P-128 BRONCHIAL CARCINOID TUMORS WITH NODAL INVOLVEMENT
Ricardo Guijarro1, J.M. Matilla1, T. Maté1, S. Fiqueroa1, E. Pastor1, A. Arrau1, A. Blanco-Orozco1, M. Córdoba1, M. García-Yuste2, G.E. NETHE Group (Spanish Group for the Study on Pulmonary Neuroendocrine Tumours)3
1Valencia/ES, 2Valladolid/ES, 3Sevilla/ES, 4Madrid/ES

P-129 SLEEVE LOBECTOMY VS PNEUMONECTOMY AFTER INDUCTION THERAPY: SHORT AND LONG TERM RESULTS OF MULTICENTRIC STUDY
Giacomo Casumano1, S. Ragentic1, F. Lococo1, A. Siciliani1, G. Maurizi1, C. Poggi1, A. marra1, L. Hillejan1, A.E. Rendina1, P. Granone1
1Rome (Italy)/IT, 2Rome/IT, 3Ostercappeln/DE

P-130 THE IMPACT OF VIDEO-ASSISTED MEDIASTINOSCOPIC LYPHADENECTOMY ON SURVIVAL IN INOPERABLE STAGE IIIA-IIIB (N2) NON-SMALL CELL LUNG CANCER PATIENTS: EARLY RESULTS
Akit Turna, E. Hekimoglu, A. Demirkaya, S. Ozkul, K. Kaynak İstanbul/TR

P-131 LONG-TERM OUTCOME OF INTENTIONAL LIMITED RESECTION FOR PULMONARY GROUND-GLASS NODES – COMPARISON TO LOBECTOMY PATIENTS WITH cT1aN0M0 NSCLC

P-132 LUNG ADENOCARCINOMA IN FEMALE SMOKERS AND NON-SMOKERS: A RETROSPECTIVE CASE-CONTROL STUDY
P-133  CLINICAL PREDICTOR OF PRE OR MINIMALLY-INVASIVE PULMONARY ADENOCARCINOMA; A PROPOSAL FOR SUB-CLASSIFICATION OF CLINICAL T1a
Suita/JP

P-134  INTRALOBAR SPREAD OF PRIMARY LUNG CANCER IS MOSTLY RETROGRADE EXTENSION FROM HILAR LESION: A RATIONALE OF RADICAL SEGMENTECTOMY
Chiba/JP

P-135  ADRENALECTOMY FOR ISOLATED METASTASIS FROM OPERABLE NON-SMALL CELL LUNG CANCER
Priya Sastry, A. Tocock, A. Coonar
Cambridge/UK

P-136  DOES PREVIOUS SURGICAL TRAINING IMPACT THE LEARNING CURVE IN VATS LOBECTOMY FOR TRAINEES?
Andrea Billè¹, L. Okiror², K. Harrison-Phipps², T. Routledge²
¹Milan/IT, ²London/UK

P-137  PROGNOSTIC ROLE OF CLINICO-MORPHOLOGICAL FACTORS
Oleksii Kolesnik
Zaporozhye/UA

GROUP 3: PULMONARY NEOPLASTIC III
Chairman: Jan Schützner, Prague/CZ

P-138  TRAIL GENE POLYMORPHISM IS ASSOCIATED WITH THE RISK OF NON-SMALL CELL LUNG CANCER IN STAGE IIB-IIIB PATIENTS
Akif Turna, C. Cacona, S. Turan, N.E. Özkan, B. Toptaş, O. Kucukhuseyin, E. Hekimoglu, K. Kaynak, İ. Yaylim
Istanbul/TR

P-139  VIDEO ASSISTED THORACIC SURGERY (VATS) LOBECTOMY. THE COPENHAGEN EXPERIENCE WITH 1165 CASES
René Horsleben Petersen, H.J. Hansen
Copenhagen/DK

P-140  CT-GUIDED PERCUTANEOUS TRANSTHORACIC LOCALIZATION OF SMALL PULMONARY NODULES PRIOR TO VIDEO-ASSISTED THORACOSCOPIC SURGERY USING BARIUM SUSPENSION
Seoul/KR

P-141  CHEST X-RAY PRIOR TO DISCHARGE AFTER VATS ANATOMICAL PULMONARY RESECTION. FRIEND OR FOE?
Stephanie Troquay, E. von Meyenfeldt, Y. Vissers, G. Bootsma, J. Siebenga
Heerlen/NL

P-142  LUNG CANCER MIMICKING ORGANIZING PNEUMONIA – A NOVEL RADIOLOGICAL ENTITY OF PULMONARY MALIGNANCY
Tomohiro Ichikawa, T. Matsunaga, Y. Miyasaka, M. Fukui, S. Oh, K. Takamochi
Tokyo/JP

P-143  ADEQUACY OF VIDEO-ASSISTED MEDIASTINAL LYMPHADENECTOMY FOR STAGE I NON-SMALL CELL LUNG CANCER
Thorsten Krueger, E. Abdelnour, J.Y. Perentes, Y. wang, A. Lovis, I. Letovanec, S. Peters, H.-B. Ris, M. Gonzalez
Lausanne/CH
| P-145 | FACTORS INFLUENCING MALIGNANT EVOLUTION OF BENIGN SOLITARY PLEURAL FIBROUS TUMORS | M. Rodríguez, Nuria M Novoa, J.L. Garcia, M.T. Gómez-Hernández, M.D. Ludeña Salamanca/ES |
| P-146 | LUNG CANCER SURGERY CAUSES A PERMANENTLY DECREASED HEALTH RELATED QUALITY OF LIFE (HRQOL) IN LONG-TERM SURVIVORS | Ikka Ilonen1, V. Rauma2, J. Räsänen1, J. Salo2 1Lahti/FI, 2Helsinki/FI |

GROUP 4: PULMONARY NEOPLASTIC IV

Chairman: Herbert Decaluwe, Leuven/BE

| P-148 | CARDIOPULMONARY EXERCISE TESTING – A USEFUL ADJUNCT IN DECISION MAKING IN HIGH-RISK LUNG CANCER RESSECTION SURGERY – A TERTIARY REFERRAL CENTRE EXPERIENCE | Johnathan Porter, E. Elbur, D. Lowes, S. Grant, I. Dimarakis, N. Clayton, R. Shah, K. Rammohan Lt/UK |
| P-149 | CARDIOMEGALY IS A SIGNIFICANT PREDICTOR FOR POSTOPERATIVE ATELECTASIS FOLLOWING LEFT SUPERIOR SEGMENTECTOMY | Yoshikazu Miyasaka, K. Suzuki, K. Takamochi, S. Oh Tokyo/JP |
| P-150 | CLINICAL SIGNIFICANCE OF NODAL STAGE MIGRATION IN LUNG CANCER – DATA FROM A VATS LOBECTOMY COHORT | Florian Augustin1, H. Maier1, P. Lucciariinin1, J. Bodner1, J. Pratschke1, T. Schmid1 1Innsbruck/AT, 2Gießen/DE |
| P-151 | EVALUATION OF METASTASES IN MEDIASTINAL LYMPH NODES BASED ON PET CT SCANNING IN NSCLC | Pawel Wnuk, M. Bella, M. Dancewicz, T. Szczęsny, J. Kowalewski Bydgoszcz/PL |
| P-152 | LUNG CANCER IN PATIENTS WITH TUBERCULOSIS | L. Alpay, Serda Kanbur, T. Lacin, C. Atinkaya, H. Kiral, I. Ocakcioglu, T. Dogruyol, C. Tezel, V. Baysungur, I. Yalcinkaya Istanbul/TR |
| P-153 | VATS LOBECTOMY FOR STAGES II AND III NSCLC: COMPARISON OF OUTCOMES WITH STAGE I DISEASE | Dhammike Rasnayake, P. Heywood, S. Mettananda, E. Belcher, E. Black Oxford/UK |
P-155  MEDIASTINOSCOPY AND VIDEO-ASSISTED MEDIASTINOSCOPIC LYMPHADENECTOMY CAN BE PERFORMED ON AN OUTPATIENT BASIS: A CLINICAL COHORT OF 625 PATIENTS
A. Demirkaya, Akif Turma, S. Ozkul, B. Kilic, K. Kaynak
Istanbul/TR

GROUP 5: PULMONARY NON-NEOPLASTIC I

Chairman: Charalampos Zisis, Athens/GR

P-156  A PROSPECTIVE RANDOMIZED TRIAL COMPARING HETEROLOGOUS AND AUTOLOGOUS FIBRIN SEALANTS FOR THE CONTROL OF ALVEOLAR AIR LEAK
B. Kilic, Akif Turma, A. Demirkaya, K. Kaynak
Istanbul/TR

P-157  SINGLE-PORT VATS LUNG VOLUME REDUCTION SURGERY FOR EMPHYSEMA: REDUCING SURGICAL TRAUMA DOES NOT COMPROMISE THE PROCEDURE
Laura Socci, V. Jones, M. Malik, E. Internullo, A. Martin-Ucar
Nottingham/UK

P-158  REAL-TIME DATABASE DRAWN FROM ELECTRONIC HEALTH RECORD FOR A THORACIC SURGERY UNIT: HIGH QUALITY CLINICAL DATA SAVING TIME AND HUMAN RESOURCES
Michele Salati, C. Pompili, M. Refai, F. Xiumè, A. Sabbatini, A. Brunelli
Ancona/IT

P-159  REOPERATIVE PULMONARY RESECTION-IS THERE ANY BENEFIT FOR A MINIMALLY INVASIVE APPROACH?
Masatsugu Hamaji1, S. Cassivi2, K.R. Shen1, M. Allen2, F. Nichols2, C. Deschamps3, D. Wigle4
1Kyoto/JP, 2Rochester/US

P-160  “IS UK STILL IN THE EUROZONE?” VALIDATING AN OFF THE SHELF RISK SCORING SYSTEM - A PROSPECTIVE AUDIT
Leeds/UK

P-161  ENDOBRONCHIAL VALVES AND THE ROLE OF “LATENT” COLLATERAL VENTILATION
Saud Ahmed Khawaja1, R. George2, N. Chaudhuri1
1Leeds/UK, 2Sheffield/UK

P-162  EMERGENT PNEUMECTOMY FOR LUNG GANGRENE – DOES THE OUTCOME WARRANT THE PROCEDURE?
Michael Schweigert1, N. Solymosi2, A. Dubecz2, D. Kraus2, R.J. Stadihuber2, D. Ofner2, H.J. Stein1
1Nuremberg/DE, 2Budapest/HU, 3Salzburg/AT

P-163  VALIDATION OF BODE INDEX IN PREDICTION OF POSTOPERATIVE COMPLICATIONS AFTER PULMONARY LOBECTOMY: A PRELIMINARY STUDY
Tomasz Marjanski, M. Frankiewicz, T. Szmuda
Gdansk/PL

GROUP 6: PULMONARY NON-NEOPLASTIC II

Chairman: József Furák, Szeged/HU

P-164  SURGERY OF DRUG RESISTANT CAVITARY PULMONARY TUBERCULOSIS
Igor Motus, E. Kildyusheva
Ekaterinburg/RU

P-165  EXPERIENCE WITH CLIPPING AND UNCLIPPING IN THE TREATMENT OF HYPERHIDROSIS AND FACIAL BLUSHING IN 200 PATIENTS
Juan J Fibla, L. Molins, J.M. Mier, J. Hernandez
Barcelona/ES
P-166  SEVERITY OF POSTOPERATIVE PNEUMONIA IN THORACIC SURGERY VERSUS MAJOR ABDOMINAL SURGERY
Albert Rodríguez-Fuster1, R. Chalela1, P. Sánchez-Velázquez2, L. Grande1, J. Gea1, J. Belda-Sanchis2
1Barcelona/ES, 2Terrassa/ES

P-167  THORACOMYOPLASTY VERSUS LUNG RESECTION IN TUBERCULOUS LESIONS COMPLICATED WITH ASPERGILLOMA
A.-M. Botianu, Petre Vlah-Horea Botianu
Tirgu-Mures/RO

P-168  THE OUTCOME OF PULMONARY RESECTION FOR INVASIVE FUNGAL INFECTION COMPLICATING HEMATOLOGIC MALIGNANCY
Masatsugu Hamaji1, K.R. Shen1, D. Wigle1, M. Allen1, F. Nichols2, S. Cassivi2, C. Deschamps2
1Kyoto/JP, 2Rochester/US

P-169  SURGERY IN MULTIDRUG-RESISTANT TUBERCULOSIS: SHORT- AND LONG-TERM RESULTS
Evgeny Medovsky1, A. Pavlunin, N. Melnikov, M. Borodachev, A. Kuznetsova, N. Tuzova
Nizhny Novgorod/RU

P-170  COMPARISON OF VATS AND OPEN LOBECTOMY FOR BENIGN DISEASE: AN INTENT-TO-TREAT COHORT STUDY
Bastien Orsini1, J.-M. Baste2, P. Rinieri2, X.B. D’Journo1, P.A. Thomas1, C. Peillon2
1Marseille/FR, 2Rouen/FR

P-171  SHORT AND MIDTERM CHANGES OF LUNG FUNCTION AFTER BILATERAL PULMONARY METASTASECTOMY
Stefan Welter, H. Cheufou, G. Weinreich, G. Stamatis
Essen/DE

GROUP 7: PLEURA/DIAPHRAGM
Chairman: Marko Bitenc, Ljubljana/SLO

P-176  SOLITARY FIBROUS TUMORS OF THE PLEURA: P16 EXPRESSION AS A MARKER OF MALIGNANCY
Vienna/AT

P-177  TRAINING OPPORTUNITIES IN THORACIC SURGERY FOR GENERAL SURGERY RESIDENTS
Marco von Strauss und Torney1, H. Hoffmann1, F. Gambazzi2
1Basel/CH, 2Aarau/CH

P-178  CONTINUOUS INCISIONAL ANALGESIA IN THORACIC SURGERY (CIATS) REDUCES MORPHINE USAGE IN PATIENTS WHO HAVE EMPYEMA AND UNDERGOING OPEN DECORTICATION
Prity Gupta, I. Santo Pereira, K. Lau, S. Rathinam
Leicester/UK

P-179  SURGICAL TREATMENT OF EMPYEMA THORACIS IN ADULTS: IMPLICATIONS IN QUALITY OF LIFE, CLINICAL OUTCOME, WORK DISABILITY AND HEALTH INSURANCE COSTS
A. Dalipi1, S. Kakaris1, Ioannis Karampinis1, C. Foroulis2, K. Triantafillou1
1Athens/GR, 2Thessaloniki/GR

P-180  DOES THE USE OF A SYNTHETIC SEALANT CATER FOR INTRAOPERATIVE AIR-LEAKS FOLLOWING LUNG RESECTIONS IN ALL PATIENTS? A SINGLE CENTRE PROSPECTIVE STUDY
Kostas Kostopanagiotou, K. Papagiannopoulos
Leeds/UK
P-181   LESS INVASIVE TECHNIQUES AND LEARNING CURVE EFFECTS IMPROVE THE OUTCOME AFTER EXTRAPLEURAL PNEUMONECTOMY FOR MALIGNANT PLEURAL MESOTHELIOMA
Seiki Hasegawa1, F. Tanaka2, N. Kondo3, Y. Okumura1, S. Matsumoto1, T. Takuwa1, M. Hashimoto1, A. Kuroda1
1Nishinomiya/JP, 2Kitakyusyu/JP, 3Itami/JP

P-182   11-YEAR SINGLE CENTER EXPERIENCE WITH LUNG-SPARING RADICAL PLEURECTOMY FOR MALIGNANT PLEURAL MESOTHELIOMA
Servet Bölükbas1, M. Eberlein2, J. Schiren1
1Wiesbaden/DE, 2Iowa City/US

P-183   PERSISTENT LUNG EXPANSION AFTER PLEURAL TALC POURDRAGE IN MALIGNANT PLEURAL MESOTHELIOMA NOT ELIGIBLE FOR SURGICAL RESECTION: AN INDEPENDENT PROGNOSTIC FACTOR
Ottavio Rena, G.M. Ferretti, A. Roncon, G. Biaetti, E. Papalia, D. Turello, F. Massera, F. Davoli, C. Casadio
Novara/IT

P-184   LONG TERM FUNCTIONAL RESULTS AFTER SURGERY FOR DIAPHRAGMATIC EVENTRATION OR RUPTURE: THE RATIONALE OF PROSTHETIC REINFORCEMENT
Cristian Rapicetta1, M. Gallazzi1, S. Tenconi1, G. Gotti1
1Reggio Emilia/IT, 2Siena/IT

P-185   “PRELIMINARY RESULTS OF DIAPHRAGM PACING APPLICATION IN AMYOTROPHIC LATERAL SCLEROSIS PATIENTS: FIRST TURKISH EXPERIENCE”
Izmir/TR

GROUP B: OESOPHAGUS
Chairman: Xavier Benoit D’Journo, Marseille/FR

P-186   OPTIMUM LYMPHADENECTOMY FOR ADENOCARCINOMA OF THE OESOPHAGUS: “CUT OFF” NUMBER OF RESECTED NODES VERSUS “TOTAL LYMPHADENECTOMY”
Ottorino Perrone1, A. Ruffato1, S. Mattioli1, M. Lugaresi1, A. D’errico1, D. Malvi1, M.R. Aprile1, G. Raulli2, L. Frassineti1
1Bologna/IT, 2Ravenna/IT, 3Meldola/IT

P-187   OCCURRENCE OF INVASIVE CANCER FOLLOWING ENDOSCOPIC TREATMENT OF BARRETT’S WITH HIGH-GRADE DYSPLASIA AND INTRAMUCOSAL CANCER IN PHYSIOLOGICALLY FIT PATIENTS: TIME FOR A REVIEW OF SURVEILLANCE AND TREATMENT CRITERIA
Donald Low, A. Bodnar, A. Ross
Seattle/US

P-188   OUTCOMES AND SURVIVAL OF ESOPHAGEAL SQUAMOUS CELL CARCINOMA AFTER VIDEO-ASSISTED THORACOSCOPIC ESOPHAGECTOMY – A REPORT OF 502 CASES FROM AN ACTIVE CENTER IN CHINA
H. Wang, Lijie Tan, Y. Shen, M. Feng, Q. Wang
Shanghai/CN

P-189   SURGICAL TREATMENT OF SHORT ESOPHAGEAL BENIGN STENOSIS: INDIVIDUALIZED APPROACH BEYOND STATISTICS
M. Bagirov, R. Vereshchako, V. Getman, Vitalii Sokolov, O. Seikovskyi
Kiev/UA

P-190   COMPARISON OF INTRATHORACIC MINIMALLY INVASIVE STAPLED AND OPEN HAND SEWN ANASTOMOSIS AFTER ESOPHAGECTOMY FOR ESOPHAGEAL ADENOCARCINOMA
Juha Kauppi, J. Räsänen, J. Salo
Helsinki/FI
P-191 ASSESSMENT OF QOL IN RELATION TO THE TYPE OF RECONSTRUCTION IN COMPLEX CORROSIVE STRICTURES OF UPPER GI TRACT
Servarayan Murugesan Chandramohan, A. Anbalagan, J. Madhusudhanan, R. Rajendran
Chennai/IN

P-192 TOTALLY STAPLED PHARYNGO CAEOPLASTY WITH COLON PULL-UP: OUR EXPERIENCE WITH 52 CASES USING THIS NEW TECHNIQUE
Servarayan Murugesan Chandramohan, D.G. Kannan, A. Anbalagan
Chennai/IN

P-193 PRIOR ENDOSCOPIC TREATMENT HAS NO IMPACT ON SURGICAL OUTCOMES OF ACHALASIA PATIENTS
Istanbul/TR

P-194 SALVAGE ESOPHAGECTOMY FOR RESIDUAL ESOPHAGEAL CANCER AFTER DEFINITIVE CHEMO-RADIOTHERAPY
Mitsuyo Nishimura, H. Daiko, T. Hujita
Kashiwa/JP

P-195 EXPERIENCE ON THE DIAGNOSIS AND TREATMENT OF INTRATHORACIC GASTRO-AIRWAY FISTULAE AFTER ESOPHAGECTOMY FOR ESOPHAGEAL CARCINOMA
Long-Qi Chen
Chengdu, Sichuan/CN

P-196 (withdrawn)

P-197 ADVANCEMENT COLOPLASTY FOR RESTORATION OF CONTINUITY AFTER SEGMENTAL LOSS OF COLON IN LONG SEGMENT COLON INTERPOSITION - SINGLE INSTITUTION EXPERIENCE
Servarayan Murugesan Chandramohan, D.G. Kannan, B. Doraisamy
Chennai/IN

GROUP 9: MEDIASTINUM
Chairman: Akos Jozsef Kocsis, Budapest/HUN

P-198 COMPARATIVE ANALYSIS OF VATS TOTAL THYMECTOMY VERSUS OPEN TOTAL THYMECTOMY
Matsumoto/JP

P-199 SEQUENTIAL THORACOSCOPY AND ANTERIOR CONTRALATERAL THORACOTOMY VS STERNOTOMY, A COMPARATIVE ANALYSIS
Francesco Paolo Caronia¹, A. Fiorelli², M. Santini², A.I. Lo Monte³
¹Catania/IT, ²Naples/IT, ³Palermo/IT

P-200 THYMECTOMY FOR PATIENTS WITH MYASTHENIC CRISIS
Shatin/HK

P-201 EXTENDED TRANSCERVICAL APPROACH WITH ELEVATION OF THE STERNUM FOR RESECTION OF THE THYROID CANCER METASTATIC NODES AFTER PREVIOUS THYROIDECTOMY - ANALYSIS OF THE LARGEST REPORTED SERIES
Wojciech Czajkowski, M. Zielinski
Zakopane/PL
P-202 ENHANCED RECOVERY PATHWAYS IMPROVE DAY CASE RATES FOR PATIENTS UNDERGOING ELECTIVE MEDIASTINOSCOPY
Timothy Batchelor, G. Casali, F. Collins, D. West
Bristol/UK

P-203 THYMECTOMY BETWEEN VIDEO-ASSISTED THORACOSCOPY AND DIFFERENT OPEN SURGICAL TECHNIQUES
Magdi Muhammad
Almadina Almunawara/SA

P-204 COMBINED APPROACH FOR RESECTION OF RESIDUAL THORACIC AND RETROPERITONEAL MASSES AFTER CHEMOTHERAPY FOR METASTATIC NONSEMINOMATOUS GERM CELL TUMOURS
Donna Eaton, A. Mariscal, M. Jewett, R. Hamilton, P. Bedard, M. Moore, M. de Perrot
Toronto/CA

P-205 NECK AND BILATERAL MEDIASTINAL LYMPH NODE DISSECTION BY MEDIAN STERNOTOMY IN N3 LEFT NSCLC
Shingo Ikeda, T. Yokota, T. Hoshino, M. Mikubo
Tokyo/JP

GROUP 10: AIRWAY/TRANSPLANTATION
Chairman: Bartosz Kubisa, Szczecin/PL

P-206 IMPACT OF PROLONGED VENTILATED DONORS ON LUNG TRANSPLANTATION: SHORT TERM RESULTS
Mohamed Hussein, W. Saleh, K. Althaghaﬁ, K. Alkattan, M. Ashour
Riyadh/SA

P-207 SPERO.COM A NEW WAY OF REPORTING TRACHEAL STENOSIS
Erick Céspedes-Meneses³, M.D. Ochoa-Vázquez², J. Morales-Gomez³, J.L. Tellez-Becerra²
³Mexico, City/MX, ²Mexico/MX

P-208 EXTRACORPOREAL LIFE SUPPORT AS A BRIDGE TO LUNG TRANSPLANTATION: INSTITUTIONAL EXPERIENCE
Ilhan Inci, P. Kestenholz, C. Benden, S. Hillinger, D. Schneiter, I. Opitz, A. Boehler, W. Weder
Zurich/CH

P-209 ROLE OF CARDIOPULMONARY EXERCISE TESTING IN PATIENTS WITH ENDOBRONCHIAL VALVES
Wanda Macdonald₁, R. George₁, N. Chaudhuri₁
₁Leeds/UK, ²Sheffield/UK

P-210 PROSPECTIVE OBSERVATIONAL STUDY OF PERCUTANEOUS TRACHEOSTOMY WITH SPECIAL ATTENTION TO THE ROLE OF BRONCHOSCOPY AND SURGICAL TECHNIQUE
E. Jakobson, B. Sarana, S. Sarapuu, K. Elmet, V. Reinhardt, J. Vahtramäe, Tanel Laisaar
Tartu/EE

P-211 PERIOPERATIVE MORBIDITY AND MORTALITY AFTER THORACOSCOPIC LUNG VOLUME REDUCTION SURGERY FOR ADVANCED EMPHYSEMA
Michaela Tutic, P. Kestenholz, D. Schneiter, I. Opitz, M. Kohler, W. Weder
Zurich/CH

P-212 REDO TRACHEAL SURGERY FOLLOWING PREVIOUS RESECTION
Ciprian Bolca, M. Dumitrescu, O. Danaila, C. Paleru, I. Cordos
Bucharest/RO
P-213  ARTIFICIAL TRACHEO- LARYNGEAL COMPLEX (ATLC) TRANSPLANTATION IN PATIENTS WITH TRACHEAL DISEASES. EARLY RESULTS (A 6- MONTH FOLLOW-UP PERIOD). KRASNODAR (RUSSIAN FEDERATION) EXPERIENCE *  
Igor Polyakov1, P. Macchiarini2, P. Jungebluth3, I. Pashkova1, I. Gilevitch1, V. Kononenko1, S. Alexeenko1, V. Porhanov1  
1Krasnodar/RU, 2Stockholm/SE

GROUP 11: INNOVATIVE I  
Chairman: Nuria Novoa, Salamanca/ES

P-214  EXTRA CORPOREAL MEMBRANE OXYGENATION (ECMO) DURING THORACIC PROCEDURES EXCLUDING LUNG TRANSPLANTATION. A MULTICENTRE STUDY  
P. Rinieri1, C. Peillon1, B. Veber1, J. Arrignon1, P.-E. Falcao2, J.-P. Bessou2, P.-Y. Litzler2  
1Rouen/FR, 2Strasbourg/FR

P-215  QUANTITATIVE ASSESSMENT OF EMPHYSEMATOUS PARENCHYMA USING MULTIDETECTOR-ROW COMPUTED TOMOGRAPHY (MDCT) IN PATIENTS SCHEDULED FOR ENDOBRONCHIAL TREATMENT WITH ONE-WAY VALVES  
M. Santini1, Alfonso Fiorelli1, M. Petrelli1, G. Vicidomini1, V.G. Di Crescenzo2, E. Frongillo3, A. Izzo4, A. Rotondo4  
1Naples/IT, 2Salerno/IT

P-216  REDUCING THE EXTENT OF RESECTION IN NON SMALL CELL LUNG CANCER WITH THE USE OF PHOTODYNAMIC THERAPY  
Andrey Akopov, A. Rusanov, I. Chistyakov, N. Kazakov, A. Gerasin, M. Urtenova, G. Papayan  
Saint-Petersburg/RU

P-217  THE USE OF BIOLOGICAL IMPLANTS FOR SOFT TISSUE AND CHEST WALL RECONSTRUCTION IN THORACIC SURGERY IS SAFE EVEN IN CONTAMINATED ENVIRONMENTS  
Laura Socci, E. Atkins, A. Barua, E. Internullo, M. Malik, J. Catton, A. Raurell, A. Martin-Ucar  
Nottingham/UK

P-218  ASSESSMENT OF ISCHEMIA REPERFUSION INJURY BY MICRO-COMPUTED TOMOGRAPHY AND ULTRA-SHORT ECHO-TIME MRI AFTER MOUSE LUNG TRANSPLANTATION  
1Tokyo/JP, 2Zurich/CH

P-219  NON-GENERAL ANESTHESIA THORACIC SURGERY. RESULTS OF A SURVEY AMONGST MEMBERS OF THE EUROPEAN SOCIETY OF THORACIC SURGEONS  
Eugenio Pompeo  
Rome/IT

P-220  THORACOSCOPIC OUTPATIENT WEDGE LUNG RESECTION: IS IT A SAFE AND EFFECTIVE PROCEDURE?  
Stefano Cafarotti1, M. Giuliani1, E. Mattarelli1, G. Karoubi2, G. Carboni4, A. Dutly1  
1Belfinzona/CH, 2Syon/CH, 3Toronto/CA, 4Zurich/CH

P-221  TRANS- CERVICAL AND RETRO- STERNAL APPROACH TO LEFT THORACIC CAVITY USING A FLEXIBLE ENDOSCOPE  
Paris Cedex/FR

P-222  IMAGE CORRELATION AND ANALGESIC EFFECTIVENESS OF PARAVERTEBRAL THORACIC CATHETER USING IODINE CONTRAST  
M. Rubio Garay, David Sanchez Lorente, X. Baldo Padro, F. Sebastian Quetglas  
Girona/ES
GROUP 12: INNOVATIVE II

Chairman: Johannes Bodner, Giessen/DE

P-223  A CHEAP AND PRACTICAL ARTIFICIAL MODEL FOR MINIMALLY INVASIVE VASCULAR DISSECTION TRAINING
Zeynep Bilgi, N.O. Ermerak, A. Issaka, H. Omercikoglu, C. Cetinkaya, H.V. Kara, H. Batirel
Istanbul/TR

P-224  THE USE OF TRANSTHORACIC ULTRASOUND FOR THE ASSESSMENT OF LUNG EXPANSION COMBINED WITH DIGITAL AIR LEAK MEASUREMENT IN THORACIC SURGERY PATIENTS
Abraham Chavarin, J.M. Mier, J.J. Fibla, C. Izquierdo-Vidal, L. Molins
Barcelona/ES

P-225  COUGHING AT EXUTUBATION OF DOUBLE-LUMEN ENDOBRONCHIAL TUBE CAUSES EXTRA AIR LEAKAGE: - LARYNGEAL MASK FOR EXUTUBATION WITHOUT COUGHING
Hironori Ishibashi, K. Takahashi, S. Kumazawa, R. Maeda, K. Okubo
Tokyo/JP

P-226  INITIAL RESULTS FROM A CASE-MATCH STUDY COMPARING POST-OPERATIVE PAIN BETWEEN UNIPORT AND MULTIPORT VATS LOBECTOMY
Philip McElroy, N. Patel, D. West, T. Batchelor, F. Collins, G. Casali
Bristol/UK

P-227  A DETAILED IMMUNOHISTOCHEMICAL ANALYSIS OF PI3K/AKT/MTOR PATHWAY IN LUNG CANCER: CORRELATION WITH PIK3CA, AKT1, K-RAS OR PTEN MUTATIONAL STATUS AND CLINICOPATHOLOGICAL FEATURES
Eleni Trigka1, G. Hardavella2, A. Saetta1, N. Kavantzas1, P. Korkolopoulou1, N. Anastasiou2, E. Patsouris1
1Athens/GR, 2Kifissia, Athens/GR

P-228  SMALL BORE THORAX CATHETER VERSUS THORAX DRAIN IN TREATMENT OF PRIMARY SPONTANEOUS PNEUMOTHORAX
M.E. Cardak, Serdar Evman, H. Eryilmaz, K.B. Ozer, A. Kosar, R. Demirhan
Istanbul/TR

P-229  WOMAN'S CHOICE: PREFERENCES IN THE LOCALIZATION AND NUMBER OF INCISIONS IN VATS PROCEDURES
Tomasz Marjanski, J. Bejgier, K. Kusio, A. Paturej
Gdansk/PL

P-230  THORACOSCOPIC ANATOMIC LUNG SEGMENTECTOMY PERFORMED UNDER SIMULATION BY COMPUTED TOMOGRAPHY ANGIOGRAPHY
Hiroyuki Oizumi, H. Kato, T. Inoue, H. Watarai, M. Sadahiro
Yamagata/JP

P-231  PROSPECTIVE RANDOMIZED TRIAL COMPARING BUTTRESTED VERSUS NONBUTTRESTED STAPLING IN PULMONARY LOBECTOMY
Kazuya Takamochi, S. Oh, K. Suzuki
Tokyo/JP

P-232  A SIMPLE TECHNIQUE TO FACILITATE DUMON SILICONE STENT PLACEMENT IN SUBGLOTTIC TRACHEAL STENOSIS
Alfonso Fiorelli1, S. Mazzone1, V.G. Di Crescenzo2, G. Vicidomini3, S. Costanza3, A. Del Prete2, A. Mazzone1, M. Santini1
1Naples/IT, 2Salerno/IT
GROUP 13: EXPERIMENTAL/ CHEST WALL

Chairman: Stefano Margaritora, Rome/IT

P-172 EN-BLOC RESECTION OF PULMONARY METASTASES FROM EXTRATHORACIC CARCINOMA WITH INFLTRATION OF THE SPINE
   Servet Bölükbas1, T. Dönges1, M. Eberlein1, J. Schirren1
   1Wiesbaden/DE, 2Iowa City/US

P-173 ELECTROCAUTERY VERSUS ULTRACISION VERSUS LIGASURE IN SURGICAL MANAGEMENT OF HYPERHIDROSIS
   Duilio Divisi, V. Ferrari, A. De Vico, G. Imbriglio, W. Di Francescantonio, M. Vaccarili, R. Crisci
   Teramo/IT

P-174 DYNAMIC COMPRESSION SYSTEM AND PECTUS CARINATUM
   Olivier Tiffet, M. Lopez, A. Patoir, A. Villard, T. Tiffet, F. Varlet
   Saint Etienne/FR

P-175 EVALUATION OF NON OPERATIVE TREATMENT BY VACUUM BELL IN PECTUS EXCAVATUM
   Olivier Tiffet, A. Patoir, A. Villard, T. Tiffet, M. Lopez
   Saint Etienne/FR

P-233 THE EFFECTS OF CEPAE EXTRACT-HEPARINE-ALLANTOIN USE IN PREVENTING PLEURAL ADHESIONS AFTER THORACOTOMY IN RATS
   Turkan Dubus, G. Celik, G. E. Huq, H. Topacoglu, C. Duzyol, E. Ozoran
   Istanbul/TR

P-234 ATRIAL NATRIURETIC PEPTIDE PROTECTS AGAINST PULMONARY INFLAMMATION
   Suita/JP

P-235 ANTI-EGFR ANTIBODY THERAPY FOR ESOPHAGEAL SQUAMOUS CELL CARCINOMA
   Jong Ho Park, J. Kwon, T.S. Lee, H.W. Lee
   Seoul/KR

P-236 THE OPTIMUM SHEET FOR COMBINED APPLICATION OF FIBRIN SEALANT AND BIOABSORBABLE SHEET AGAINST ALVEOLAR AIR LEAKAGE
   Hideki Itano
   Uji, Kyoto/JP

P-237 INCREASED FORKHEAD-BOX-P3 (FOXP-3) IN THE TUMORAL REGION IN HUMAN NON-SMALL-CELL LUNG CANCER
   Denis Iulian Trufa, K. Andreev, S. Reppert, R. Siegemund, A. Matjl, M. Mathiew, H. Sirbu, S. Finotto
   Erlangen/DE
TUESDAY, MAY 28, 2013

07:30-08:00
Breakfast Session

08:00-08:30
Techno Meeting Part 1

08:30-09:00
Lung Cancer Screening

09:00-09:30
Session VIII Mixed Thoracic

09:30-10:00
Session IX Mixed Thoracic

10:00-10:30
Lung Cancer Screening

10:30-11:00
Coffee Break @ Exhibition Area

11:00-11:30
Techno Meeting Part 2

11:30-12:00
Lung Cancer Screening

12:00-12:30
Session X Mixed Thoracic

12:30-13:00
Session XI Chest Wall / Diaphragm / Pleura

13:00-13:30
Session XII Pulmonary Neoplastic

13:30-14:00
Session XIII Interesting Cases

14:00-14:30
Session XIV Oesophagus / Mediastinum

14:30-15:00
Coffee Break @ Exhibition Area

15:00-15:30
Session XV Airway / Transplantation

15:30-16:00
Session XVI VATS Anatomical Resections

16:00-16:30
Session XVII Extraordinary Lecture

16:30-17:00
Session XVIII Interesting Cases

17:00-17:30
Session XIX WITS Anatomical Resections

17:30-18:00
General Assembly

18:00-18:30
Session XX Extraordinary Lecture

18:30-19:00
Session XXI Extraordinary Lecture

19:30-23:30
Congress Dinner @ Birmingham Town Hall
TUESDAY, 28 MAY 2013

07:30 - 08:20  Hall 10b
BREAKFAST SESSION 4
DEBATE: PLEURECTOMY VS PLEUROPNEUMONECTOMY FOR MESOTHELIOMA
David Waller, Leicester/UK, Walter Weder, Zurich/CH

07:30 - 08:20  Hall 11a
BREAKFAST SESSION 5
DEBATE: SEGMENTECTOMY VS LOBECTOMY FOR EARLY STAGE LUNG CANCER
Bernward Passlick, Freiburg/DE, Clemens Aigner, Vienna/AT

07:30 - 08:20  Hall 11b
BREAKFAST SESSION 6
DEBATE: FOLLOW UP AFTER LUNG CANCER RESECTION: INTENSIVE OR GUIDED BY SYMPTOMS?
Eric Lim, London/UK, Ramon Rami Porta, Barcelona/ES

08:30 - 10:30  Hall 1
TECHNO MEETING PART I
Organisers: Konstantinos Papagiannopoulos, Leeds/UK – Rajesh Shah, Manchester/UK
Chairs: Konstantinos Papagiannopoulos, Leeds/UK – René Petersen, Copenhagen/DK

Part 1: sponsored by REDAX
08:30-09:00
CHANGING MIND IN ENTRY CHEST WALL PROCEDURES. EASY-USE AND SAFETY PROVED BY A MULTI-DISCIPLINARY APPLICATION OF A NEW SMALL-BORE PERCUTANEOUS PLEURAL CATHETER
Enrico Ruffini, Turin/IT
Pier Luigi Filosso, Turin/IT
Andrea Ferraris, Turin/IT

Part 2: sponsored by ATMOS
09:00-09:30
PARTIAL ADVANTAGES OF THE DIGITAL SYSTEMS IN THE POST-OPERATIVE CARE FOR THORACIC PATIENTS
Marcel Mittak, Ostrava/CZ

Part 3: sponsored by ETHICON
09:30-10:30
MULTIPORTAL, UNIPORTAL, ROBOTIC ASSISTED AND OPEN TECHNIQUES IN THORACIC SURGERY. SURGEON’S CHOICE OR EVIDENCE BASED CHOICE?
A COMPARATIVE DEBATE OF THE INFLUENCE OF MODERN TECHNOLOGY ON OPERATIVE TECHNIQUE
VIDEO ASSISTED APPROACH
Jan Siebenga, Heerlen/NL
SINGLE PORT APPROACH
Diego Gonzalez Rivas, La Coruña/ES
SESSION VIII: MIXED THORACIC FORUM SESSION (7’ presentation + 3’ discussion)

Chairmen: Thorsten Walles, Wuerzburg/DE – Mette Siemsen, Hellerup/DK

08:30  F-043  VIDEO-TORACOSCOPIC LOBECTOMIES IN THE EPITHOR® DATABASE: EPIDEMIOLOGICAL ANALYSIS AND COMPARISON WITH THE OPEN TECHNIQUE, OVER A 9-YEAR PERIOD
Strasbourg/FR

08:40  F-044  MINIMIZING AIR LEAK AFTER VIDEO ASSISTED THORACIC SURGERY (VATS) LOBECTOMY
René Horsleben Petersen, H.J. Hansen
Copenhagen/DK

08:50  F-045  SURVIVAL PROGNOSIS OF PULMONARY METASTASECTOMY FOR COLORECTAL CANCER HAS BEEN IMPROVED WITH COMBINATION OF NEW CHEMOTHERAPY
Jun Nakajima
Tokyo/JP

09:00  F-046  A COMPARATIVE ANALYSIS OF PANCOAST TUMORS RESECTION PERFORMED VIA VIDEO-ASSISTED THORACIC SURGERY VERSUS STANDARD OPEN APPROACHES
Francesco Paolo Caronia¹, M. Santini², A. Fiorelli², A.I. Lo Monte³, E. Ruffini⁴
¹Catania/IT, ²Naples/IT, ³Palermo/IT, ⁴Torino/IT

09:10  F-047  DEPLETION OF DONOR MACROPHAGES REDUCES GRAFT DAMAGE AND IMPROVES ISCHEMIA REPERFUSION INJURY IN MOUSE LUNG TRANSPLANTS
Yukio Tsushima¹, J.-H. Jang², W. Weder², W. Jungraithmayr²
¹Tokyo/JP, ²Zurich/CH

09:20  F-048  FREE CIRCULATING DNA IN PATIENTS WITH LUNG CANCER
Marco Anile, D. Diso, C. Chiappetta, V. Liparulo, E. Russo, M. Patella, C. Della Rocca, F. Venuta
Rome/IT

09:30  F-049  PROGNOSTIC SIGNIFICANCE OF CENTRAL INFILTRATION OF INTERSTITIAL PNEUMONIA ON THIN-SECTION COMPUTED TOMOGRAPHY IN LUNG CANCER PATIENTS - A NEW PREOPERATIVE PREDICTOR OF POSTOPERATIVE MORTALITY
Mariko Fukui, K. Suzuki, T. Matsunaga, Y. Miyasaka, Y. Tsushima, K. Takamochi, S. Oh
Tokyo/JP
09:40  F-050  DETECTION OF IMPALPABLE PULMONARY LESIONS WITH TACTILE MECHANORECEPTOR DURING THORACOSCOPY
V. Sadovnichy, M. Sokolov, O. Pikin, A. Amiraliev, Vitaliy Barmin
Moscow/RU

09:50  F-051  DIFFERENCES IN MRNA EXPRESSION OF CYSTEINE CONJUGATE-BETA LYASE GENE (CCBL1) IN NON-SMALL CELL LUNG CANCER: ASSOCIATION WITH SYSTEMIC KYNURENINE PATHWAY ACTIVITY
Dariusz Sagan, J. Kocki, T. Kocki
Lublin/PL

10:00  F-052  PULMONARY METASTASECTOMY IN COLORECTAL CANCER: WORKING TOWARDS A CONSENSUS. A SURVEY OF PULMICC UK TRIAL CENTRE PRINCIPAL INVESTIGATORS AND MDTs WITHIN A CANCER NETWORK
Robert George1, T. Treasure2, J. Edwards1
1Sheffield/UK, 2London/UK

10:10  F-053  PROGNOSTIC IMPLICATION OF N2 DISEASE IN LUNG METASTASES OF RENAL CELL CARCINOMA
Stéphane Renaud1, P.-E. Falcoz2, M. Alifano2, A. Olland1, P Magdeleinat1, O. Pagès2, J.-F. Regnard2, G. Massard1
1Strasbourg/FR, 2Paris/FR

10:20  F-054  TUMOR STANDARDIZED UPTAKE VALUE ON POSITRON EMISSION TOMOGRAPHY IS A NOVEL PREDICTOR OF ADENOCARCINOMA IN SITU FOR C-STAGE IA LUNG CANCER PATIENTS WITH PART-SOLID NODULE ON THIN-SECTION CT SCAN
Aritoshi Hattori, K. Suzuki, M. Fukui, T. Matsunaga, Y. Miyasaka, K. Takamochi, S. Oh
Tokyo/JP

09:00 - 10:30  Hall 11a
LUNG CANCER SCREENING

Chairmen: Giulia Veronesi, Milan/IT, John Field, Liverpool/UK

LUNG CANCER SCREENING: STATE OF THE ART AND NEW PERSPECTIVES

09:00  OVERVIEW ON MORTALITY BENEFIT OF LOW DOSE CT SCREENING: DATA FROM OBSERVATIONAL AND RANDOMISED TRIALS
Frank Detterbeck, New Haven/US

09:15  COMPARISON OF DIFFERENT RISK MODELS AND DEFINITION OF BEST TARGET POPULATION AND SCREENING INTERVAL
Patrick Maisonneuve, Milan/IT

09:30  DIAGNOSTIC ALGORITHM FOR SCREENING DETECTED LUNG NODULES: INTERNATIONAL GUIDELINES
Jesper Holst Pedersen, Copenhagen/DK

09:45  SURGICAL ASPECTS OF SCREENING: TOWARDS A MINIMALLY INVASIVE AND CONSERVATIVE TREATMENT OF INITIAL LUNG TUMOURS
Paul Van Schil, Antwerp/BE
10:00 POTENTIAL ROLE OF BIOLOGICAL MARKERS IN LUNG CANCER SCREENING
Fabrizio Bianchi, Milan/IT

10:15 ECONOMICAL ASPECTS OF LUNG CANCER SCREENING
Claudia Henschke, New York/US

10:30 - 11:00 Coffee Break Exhibition Area

11:00 - 12:30 Hall 1

TECHNO MEETING PART II
Part 4: sponsored by COVIDIEN

11:00 LVRS FOR ADVANCED EMPHYSEMA – A VALUABLE BUT UNDERUSED PROCEDURE
Weder Walter, Zurich/CH

11:30 USE OF BIOLOGICAL MATERIALS FOLLOWING CHEST WALL AND MESOTHELIOMA SURGERY; BENEFITS OF ADVANCED TISSUE ENGINEERING
Antonio Martin-Ucar, Nottingham/UK

Part 5

12:00 ADVANCES IN ECMO TECHNOLOGY AND USE IN THORACIC SURGERY; INDICATIONS, BENEFITS AND PITFALLS
Pierre-Emmanuel Falcoz, Strasbourg/FR

11:00 - 12:30 Hall 5

SESSION IX: MIXED THORACIC FORUM SESSION (7’ presentation + 3’ discussion)
Chairmen: G Alexander Patterson, St Louis/US – Enrico Ruffini, Torino/IT

11:00 F-055 SEMIMECHANICAL ANASTOMOSIS VERSUS HANDSEWN ANASTOMOSIS AFTER ESOPHAGECTOMY WITH GASTRIC TUBULISATION AND CERVICAL ANASTOMOSIS

11:10 F-056 LEARNING CURVES FOR THORACOSCOPIC ESOPHAGECTOMY: FROM DECUBITUS TO PRONE POSITION
M. Zhong, Y. Shen, L. Tan, M. Feng, H. Wang, Q. Wang, Wei Jiang Shanghai/CN

11:20 F-057 THE CORRELATION BETWEEN TUMOR LOCATION AND POSTOPERATIVE LONG-TERM SURVIVAL IN PATIENTS WITH ESOPHAGEAL SQUAMOUS CELL CARCINOMA
K. Zhang, Long-Qi Chen Chengdu, Sichuan/CN
11:30  F-058  EXTENSIVE MEDIASTINAL LYMPHADENECTOMY DURING MINIMALLY INVASIVE ESOPHAGECTOMY: ONCOLOGICAL OUTCOMES FROM SINGLE CENTER
Y. Shen, M. Feng, H. Wang, Lijie Tan, Q. Wang, J. Li
Shanghai/CN

11:40  F-059  IMPACT OF TIME INTERVAL BETWEEN DONOR BRAIN DEATH AND COLD PRESERVATION ON LONG-TERM OUTCOME IN LUNG TRANSPLANTATION
Zurich/CH

11:50  F-060  LUNG TRANSPLANTATION IN UNEXPECTED EARLY STAGE CARCINOMA OF THE EXPLANTED LUNG — IS IT A CURE FOR THE CANCER?
Vienna/AT

12:00  F-061  SHORT TERM PROSPECTIVE MICROALBUMINURIA ASSESSMENT AFTER THORACIC SURGERY; CORRELATION WITH THE PAO2/FIO2 RATIO
Lucio Cagini, M. Andolfi, S. Ceccarelli, V. Tassi, G. Reboldi, F. Puma
Perugia/IT

12:10  F-062  DAILY ROUTINE CHEST X-RAYS ARE NOT NECESSARY IN ASYMPTOMATIC PATIENTS WITH CHEST TUBE AFTER LOBECTOMY
József Furák, T. Géczi, B. Pécsy, A. Maráz, Z. Morvay
Szeged/HU

12:20  F-063  ANALGESIA IN THORACOTOMY PATIENTS: EPIDURAL VERSUS PARAVERTEBRAL TECHNIQUE. A RANDOMIZED, DOUBLE-BLIND, PROSPECTIVE STUDY
Alessandro Rizzi, F. Raveglia, P. Di Mauro, A. Baisi
Milano/IT

11:00 - 12:30  Hall 11a

JOINT ESTS-IASLC SESSION
Chairmen: Peter Goldstraw, London/UK, Paul De Leyn, Leuven/BE

PERSONALISED TREATMENT FOR NON SMALL CELL LUNG CANCER

11:00  RISK ASSESSMENT FOR LUNG SURGERY
Eric Lim, London/UK

11:15  WHEN TO CHOOSE A VATS APPROACH FOR RESECTION OF NSCLC?
Herbert Decaluwe, Leuven/BE

11:30  TREATMENT OF MULTIFOCAL LUNG CANCER
Hisao Asamura, Tokyo/JP

11:45  WHICH PATIENTS WITH N2 DISEASE ARE CANDIDATES FOR SURGICAL MULTIMODALITY TREATMENT?
Walter Weder, Zurich/CH
12:00  SALVAGE SURGERY AFTER (CHEMO)-RADIOTHERAPY
Martus A. Paul, Amsterdam/NL

12:15  ESTS GUIDELINES ON MEDIASTINAL STAGING
Paul De Leyn, Leuven/BE

12:30 - 13:00  Hall 1
EXTRAORDINARY LECTURE
THE CLIMB TO EVEREST: LESSONS FROM EXTREME ALTITUDE FOR CRITICALLY ILL PATIENTS.
Christopher Imray, Coventry/UK

13:00 - 14:00  Hall 5
COVIDIEN LUNCH SYMPOSIUM
Chairman: Thomas Schmid, Innsbruck/AT
SETTING UP ADVANCED SURGICAL PROGRAMS AND EFFECTS OF CT SCREENING
HOW TO ORGANIZE A SUCCESSFUL VATS LOBECTOMY PROGRAM
Henrik Jessen Hansen, Copenhagen/DK
HOW TO ORGANIZE A SUCCESSFUL MINIMALLY INVASIVE ESOPHAGUS PROGRAM
Jari Räsänen, Helsinki/FI
CT SCREENING FOR LUNG CANCER AND SURGICAL CONSEQUENCES
René Horsleben Petersen, Copenhagen/DK
Giulia Veronesi, Milan/IT

13:00 - 14:00  Hall 1
SESSION X: VIDEOS (7’ presentation + 3’ discussion)
Chairmen: Giulia Veronesi, Milan/IT – Jarosław Kuźdżał, Cracow/PL

13:00  V-064  SINGLE-STAGE LARYNGOTRACHEAL RECONSTRUCTION
Konrad Hoetzenecker, W. Klepetko
Vienna/AT

13:10  V-065  ROBOTIC RESECTION OF 2ND RIB TUMOUR
Ali Zamir Khan, S. Khandelwal
Gurgaon/IN

13:20  V-066  REPEAT VIDEO-ASSISTED MIDDLE LOBECTOMY AFTER RIGHT LOWER LOBECTOMY
Shunsuke Endo
Tochigi/JP

13:30  V-067  PORT-ACCESS THORACOSCOPIC BISUBSEGMENTECTOMY OF THE RIGHT UPPER LOBE POSTERIOR AND ANTERIOR SEGMENTS
Hirohisa Kato, H. Oizumi, T. Inoue, H. Watarai, M. Sadahiro
Yamagata/JP

13:40  V-068  ROBOT-ASSISTED ENucleation of ESOPHAGEAL LEIOMYOMAS; REPORT OF TWO CASES
Seoul/KR
13:50 V-069 Extended bronchoplasty for locally advanced lung cancer to avoid pneumonectomy
Tomoyuki Hishida, J. Yoshida, K. Aokage, Y. Matsumura, K. Nagai
Kashiwa, Chiba/JP

14:00 - 15:30 Hall 1
SESSION XI: CHEST WALL/DIAPHRAGM/PLEURA
ORAL SESSION (8’ presentation + 7’ discussion)
Chairmen: Konstantinos Papagiannopoulos, Leeds/UK – Kirill Gestkov, Moscow/RU

14:00 O-070 Phrenic nerve pacing technique via intramuscular diaphragm electrodes in ventilator dependent quadriplegic patients
Omamah Almousa, S. Alnassar, W. Hajjar, F. Aboreida
Riyadh/SA

14:15 O-071 Comparative study of thoracoscopic decortication vs open decortication in empyema advanced stages

14:30 O-072 Is there any benefit in lung sparing macroscopic complete resection over video assisted debulking in malignant pleural mesothelioma?
Apostolos Nakas, T. Tsitsias, D. Waller
Leicester/UK

14:45 O-073 Feasibility and safety of intraoperative hyperthermic pleural perfusion in patients candidate for mesothelioma lung sparing surgery;
A single centre experience
Sara Tenconi1, L. Luzzi2, C. Rapicetta1, M. Gallazzi, G. Gotti1
1Reggio Emilia/IT, 2Siena/IT

15:00 O-074 Rib fractures: mortality risk factors
Pablo Moreno de la Santa, P. Magdalena, M.D. Polo Otero, C. Delgado, S. Leal, C. Trinidad, M.D. Corbacho, A. Garcia
Vigo/ES

15:15 O-075 Timing for surgical fixation of multiple simple rib fractures and flail chest: a single-centre experience
Robert George, J. Rao, J. Edwards
Sheffield/UK
SESSION XII: PULMONARY NEOPLASTIC
FORUM SESSION (7’ presentation + 3’ discussion)

Chairmen: Rajesh Shah, Manchester/UK – Gunda Leschber, Berlin/DE

14:00 F-076 IS PLASMA FIBRINOGEN A NOVEL INDEPENDENT PROGNOSTIC FACTOR IN PATIENTS UNDERGOING SURGERY FOR NON-SMALL CELL LUNG CANCER?
Robert George¹, M. Smith¹, A. Sharkey¹, R. Hubbard², J. Rao¹, J. Edwards¹
¹Sheffield/UK, ²Nottingham/UK

14:10 F-077 CLINICAL FEATURES OF MULTIPLE LUNG CANCERS BASED ON THIN-SECTION COMPUTED TOMOGRAPHY: WHAT ARE THE APPROPRIATE STRATEGIES FOR SECOND LUNG CANCERS?
Aritoshi Hattori, K. Suzuki, M. Fukui, T. Matsunaga, Y. Miyasaka, Y. Tsushima, K. Takamochi, S. Oh
Tokyo/JP

14:20 F-078 GRADE OF BIOLOGICAL MALIGNANCY AND TREATMENT STRATEGY OF LUNG CANCER IN WHICH IT WAS DIFFICULT TO MEASURE THE SIZE OF GROUND GLASS OPACITY ON THIN-SECTION COMPUTED TOMOGRAPHY (LUNG CANCER WITH SCATTERED CONSOLIDATION)
Tokyo/JP

14:30 F-079 SURGICAL TREATMENT IN PATIENT WITH NSCLC WITH FISSURE INVOLVEMENT: ANATOMICAL VS NOT-ANATOMICAL RESECTION
Stefano Margaritora¹, S. Cafarotti², F. Lococo, G. Leuzzi³, V. Dall’armi¹, R. Romano¹, P. Novellis¹, P. Granone¹
¹Rome (Italy)/IT, ²Bellinzona/CH, ³Rome/IT

14:40 F-080 THE IMPACT OF METFORMIN USE ON SURVIVAL AFTER SURGERY FOR NSCLC
Lisette Hoekstra¹, P. Plaisier¹, R. Schutte¹, M. Schnater¹, R. Damhuis¹
¹Dordrecht/NL, ²Rotterdam/NL

14:50 F-081 A REVIEW OF 250 TEN-YEAR SURVIVORS AFTER PNEUMONECTOMY FOR NON-SMALL CELL LUNG CANCER
Pierre Mordant, C. Picopi, A. Arame, A. Badia, A. Dujon, C. Foucault, F. Le Pimpec-Barthes, M. Riquet
Paris/France

15:00 F-082 SIGNIFICANCE OF SERUM CARCINOEMBRYONIC ANTIGEN AT THE FOLLOW-UP OF COMPLETELY RESECTED NON-SMALL CELL LUNG CANCER
Naoki Ozeki¹, T. Fukui¹, K. Kawaguchi¹, S. Ito¹, N. Usami¹, Y. Sakao¹, T. Mitsudomi¹, K. Yokoi¹
¹Nagoya/JP, ²Osakasayama/JP
15:10 F-083   PROGNOSTIC FACTORS IN A MULTICENTRE STUDY OF 246 ATYPICAL PULMONARY CARCINOIDs
Niccolo Daddi1, M. Schiavon1, P.L. Filosso1, G. Cardillo1, M.C. Ambrogi2, A. De Palma3, L.uzzi1, A. Bandiera1, C. Casali1, A. Ruffato10, V. De Angelis1
1Perugia/IT, 2Padua/IT, 3Torino/IT, 4Rome/IT, 5Pisa/IT, 6Bari/IT, 7Siena/IT, 8Milan/IT, 9Modena/IT, 10Bologna/IT

15:20 F-084   PERFORMING SLEEVE LOBECTOMY INSTEAD OF PNEUMONECTOMY FOR NON-SMALL LUNG CANCER WITH N1 NODAL DISEASE DOES NOT COMPROMISE LONG-TERM SURVIVAL
Mark Berry1, M. Worni2, D. Harpole1, T. D’Amico1, M. Onaitis1
1Durham/US, 2Bern/CH

14:00 - 15:00  Hall 11a
SESSION XIII: INTERESTING CASES
Award: ESTS-Covidien Prize (free VATS Masterclass Elancourt) for best interactive presentation
Sponsored by Covidien

ORAL SESSION (20’ presentation + interactive questions)
Chairmen: G Alexander Patterson, St Louis/US – Walter Klepetko, Vienna/AT

14:00 O-085   MULTIDISCIPLINARY APPROACH TO AN UNUSUAL AIRWAY PROBLEM
Hans Van Veer, P. Nafteuex, W. Coosemans, V. Vander Poorten, J. Vranckx, A. Neyrinck, P. De Leyn
Leuven/BE

14:20 O-086   A NOVEL METHOD OF TRACHEOESOPHAGEAL FISTULA CLOSURE
Luca Ampollini, C. Rosi, M. Majori, R. Bilancia, A. Coconchi, L. Rolli, M. Solinas, F. Caliumi, P. Carbognani, M. Rusca
Parma/IT

14:40 O-087   REPAIR OF A COMPLEX POST TRAUMATIC TRACHEAL DEFECT
Francesco Paolo Caronia1, A.I. Lo Monte2
1Catania/IT, 2Palermo/IT

15:30 - 16:00 Coffee Break Exhibition Area

16:00 - 17:30  Hall 1
SESSION XIV: OESOPHAGUS/MEDIASTINUM
FORUM SESSION (7’ presentation + 3’ discussion)
Chairmen: Stephen Cassivi, Rochester/US – Pascal Thomas, Marseille/FR

16:00 F-088   THE EFFECT OF NARROWED GASTRIC CONDUIT ON ANASTOMOTIC LEAKAGE FOLLOWING MINIMALLY INVASIVE ESOPHAGECTOMY Y.
Shen, H. Wang, M. Feng, Lijie Tan, Q. Wang, J. Li
Shanghai/CN
16:10  F-089  MINIMALLY INVASIVE ESOPHAGECTOMY MORE EXPENSIVE THAN OPEN AT NORTH AMERICAN HOSPITAL DESPITE SHORTER LENGTH OF STAY
Anish Dhamija, A. Dhamija, A. Kim, F. Detterbeck, D. Boffa
New Haven, New Haven/US

16:20  F-090  SIGNET RING CELLS IN ESOPHAGEAL AND GE JUNCTION CARCINOMAS HAVE A MORE AGGRESSIVE BIOLOGICAL BEHAVIOR
Leuven/BE

16:30  F-091  TIME-TRENDS AND DISPARITIES IN THE THERAPY OF OESOPHAGEAL CANCER IN BAVARIA 2002-2009: A POPULATION BASED STUDY OF 8,362 PATIENTS
Attila Dubecz1, N. Solymosi2, M. Schweigert1, H.J. Stein1
1Nuremberg/DE, 2Budapest/HU

16:40  F-092  EARLY CLINICAL OUTCOMES OF ROBOT-ASSISTED SURGERY FOR ANTERIOR MEDIASTINAL MASS—ITS SUPERIORITY OVER CONVENTIONAL STERNOTOMY APPROACH EVALUATED BY PROPENSITY SCORE MATCHING
Seoul/KR

16:50  F-093  VIDEO-ASSISTED THORACOSCOPIC THYMECTOMY IS SIGNIFICANTLY CHEAPER THAN OPEN THYMECTOMY: ANALYSIS OF 79 CONSECUTIVE CASES
Sophie Holmes, S. Sarvananthan, C. Ratnatunga, E. Belcher, E. Black
Oxford/UK

17:00  F-094  RISK FACTORS FOR DEVELOPING POST-THYMECTOMY MYASTHENIA GRAVIS IN THYMOMA PATIENTS
Chiba/JP

17:10  F-095  COMPARISON OF ONLY T3 AND T3-T4 SYMPATHECTOMY FOR AXILLARY HYPERHYDROSIS REGARDING TREATMENT EFFECT AND COMPENSATORY SWEATING Gökhan Yuncu, F. Turk, G. Ozturk, C. Atinkaya
Denizli/TR

17:20  F-096  DOES VIDEO-ASSISTED MEDIASTINOSCOPIC LYMPHADENECTOMY FULFILL CRITERIA TO BECOME A STANDARD PROCEDURE FOR EARLY STAGE LUNG CARCINOMA?
Barbara Erne, W. Klemm, M. Graff, G. Leschber
Berlin/DE
### SESSION XV: AIRWAY/TRANSPLANTATION

**ORAL SESSION (8’ presentation + 7’ discussion)**

**Chairmen:** Federico Venuta, Rome/IT – Antonio Alvarez, Cordoba/ES

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| 16:00 | LUNG TRANSPLANTATION OF INITIALLY REJECTED DONORS AFTER EX-VIVO LUNG RECONDITIONING: THE FRENCH EXPERIENCE | Edouard Sage\(^1\), S. Mussot\(^2\), G. Trebbia\(^3\), P. Puyo\(^1\), P. Bonnette\(^1\), C. Picard\(^1\), M. Fischler\(^1\), A. Chapellier\(^1\)  
\(^1\)Suresnes/FR, \(^2\)Le Plessis Robinson/FR |
| 16:15 | O-098 | INHALED ISOFLURANE ATENUATES LEUKOCYTE RECRUITMENT INTO THE LUNG AFTER ISCHEMIA/REPERFUSION | John Wain, N. Melo, B. Medoff  
Boston/US |
Leuven/BE |
| 16:45 | O-100 | ISOLATED LUNG COLLAPSE IN TWO STAGES WITH BRONCHIAL BLOCKER: EQUIVALENT TO DOUBLE-LUMEN TUBE? | José Luis Carrasco Del Castillo, J. Lemieux, J. Somma, M. Conti, N. Gagné, J. Bussières  
Quebec/CA |
| 17:00 | O-101 | LOBAR AND BRONCHIAL ANATOMICAL CHANGES AFTER RIGHT UPPER LOBECTOMY: IMPACT ON POST-OPERATIVE COURSE | Francoise Le Pimpec-Barthes\(^1\), P. Mordant\(^1\), X. Bry\(^2\), A. Arame\(^1\), A. Badia\(^1\), F. Alimi\(^1\), A. Hernigou\(^1\), M. Riquet\(^1\)  
\(^1\)Paris/FR, \(^2\)Montpellier/FR |
Tehran/IR |

### SESSION XVI: VATS ANATOMICAL RESECTIONS

**FORUM SESSION (7’ presentation + 3’ discussion)**

**Chairmen:** Martin Huertgen, Koblenz/DE – Didier Schneiter, Zurich/CH

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<th>Time</th>
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| 16:00 | VIDEO-ASSISTED THORACOSCOPIC LOBECTOMY IN NON-SMALL CELL LUNG CANCER PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE IS ASSOCIATED WITH LOWER PULMONARY COMPLICATIONS THAN OPEN LOBECTOMY: A PROPENSITY SCORE MATCHED ANALYSIS | Jae Hyun Jeon, C.H. Kang, Y.T. Kim, I.K. Park, H.-S. Kim  
Seoul/KR |
16:10  F-104  VATS LOBECTOMY IS ASSOCIATED WITH IMPROVED SHORT-TERM AND LONG-TERM OUTCOMES COMPARED TO OPEN LOBECTOMY FOR C-STAGE I NSCLC: A PROPENSITY-MATCHED ANALYSIS OF 963 CASES
Adam Stephens, D. Rice, S. Swisher, A. Vaporyian, W. Hofstetter, G. Walsh, R. Mehran, J. Roth
Houston/US

16:20  F-105  IS UNIPORTAL THORACOSCOPIC SURGERY A FEASIBLE APPROACH FOR ADVANCED STAGES OF NON-SMALL CELL LUNG CANCER?
Diego Gonzalez-Rivas, E. Fieira, M. Delgado, L. Mendez, R. Fernandez, M. Paradela, J. Garcia, M. De la Torre
Coruña/ES

16:30  F-106  COMPARISON OF THE PREDICTIVE MORTALITY SCORES BY “THORACOSCORE” AND “ESTS RISK-ADJUSTED CARDIOPULMONARY RISK MODEL” IN PATIENTS UNDERGOING VATS ANATOMICAL RESECTION FOR NSCLC.
Leuven/BE

16:40  F-107  THE COMPARISON OF COMPLICATIONS, PAIN, QUALITY OF LIFE AND PERFORMANCE, AFTER THE LUNG RESECTIONS WITH THORACOSCOPY AND AXILLARY THORACOTOMY
Suat Erus1, S. Tanju2, M. Kapdagli2, B. Ozkan2, S. Dilege2, A. Toker2
1Artvin/TR, 2Istanbul/TR

16:50  F-108  VATS PNEUMONECTOMY IS SAFE AND MAY HAVE BENEFITS OVER OPEN PNEUMONECTOMY
Shatin/HK

17:00  F-109  UNIPORTAL VIDEO-ASSISTED THORACOSCOPIC SURGERY: EXPERIENCE WITH 471 CASES
Diego Gonzalez-Rivas, E. Fieira, L. Mendez, M. Delgado, R. Fernandez, M. Paradela, J. Garcia, M. De la Torre
Coruña/ES

17:10  F-110  POSTOPERATIVE PULMONARY COMPLICATIONS AFTER LOBECTOMY: VIDEO-ASSISTED THORACOSCOPIC APPROACH AND THORACOTOMY
Cezary Pivkowski, P. Gabryel, B. Gałęcki, M. Kasprzyk, P. Zieliński, M. Roszak, W. Dyszkiewicz
Poznań/PL

17:20  F-111  VATS LOBECTOMY RATES BEFORE AND AFTER ADOPTION OF A STANDARDISED ANTERIOR APPROACH
Douglas West, T. Batchelor, G. Gasali
Bristol/UK

17:30 - 19:00  Hall 5

ESTS GENERAL ASSEMBLY
Members only
WEDNESDAY, 29 May 2013

SCIENTIFIC PROGRAMME
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<th>Hall 10B</th>
<th>Hall 11A</th>
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<td>08:30</td>
<td>Breakfast Session 8 / How to do it: Thoracoscopic Treatment of Empyema</td>
<td>Breakfast Session 7 / How to do it: Laryngotraheal Resections</td>
<td>Breakfast Session 9 / How to do it: Esophagectomy: How to improve outcome</td>
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**Colour Codes:**
- Abstract Sessions
- Breakfast Sessions
- Invited Lectures
- Social Events
- Postgraduate Course
- Industrial Sessions
- Breaks
## WEDNESDAY, 29 MAY 2013

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<th>Time</th>
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<td>08:00 - 08:50</td>
<td>BREAKFAST SESSION 7: HOW TO DO IT: LARYNGOTRACHEAL RESECTIONS</td>
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<td>Genaro Galan-Gil, Valencia/ES</td>
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<td>08:00 - 08:50</td>
<td>BREAKFAST SESSION 8: HOW TO DO IT: THORACOSCOPIC TREATMENT OF EMPYEMA</td>
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<td>Michel Gonzalez, Lausanne/CH</td>
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<td>08:00 - 08:50</td>
<td>BREAKFAST SESSION 9: HOW TO DO IT: ESOPHAGECTOMY: HOW TO IMPROVE OUTCOME</td>
<td>Hall 11b</td>
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<td>Donald Low, Seattle/US</td>
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<td>09:00 - 10:30</td>
<td>ESTS-BTOG SYMPOSIUM “A MULTIDISCIPLINARY APPROACH TO THORACIC MALIGNANCIES”</td>
<td>Hall 1</td>
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<td>09:00</td>
<td>BTOG-112 CHEMOTHERAPY FOLLOWED BY SURGERY ON THE BASIS OF BIOMARKER EXAMINATION FOR INITIALLY UNRESECTABLE NON-SMALL CELL LUNG CANCER (NSCLC) PATIENTS; A CHALLENGING APPROACH</td>
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<td>09:10</td>
<td>BTOG-113 A COMBINED ULTRASOUND OF THE MEDIASTINUM BY USE OF A SINGLE ULTRASOUND BRONCHOSCOPE FOR NON-SMALL-CELL LUNG CANCER RESTAGING – A PROSPECTIVE STUDY</td>
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<td>Artur Szlubowski1, J. Soja2, A. Filarecka1, S. Orzechowski2, A. Obrochta1, M. Jakubiak1, M. Zieliński1, J. Pankowski1</td>
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<td>09:20</td>
<td>BTOG-114 MAY PNEUMONECTOMY HAVE A ROLE IN THE MULTIMODAL TREATMENT OF LOCALLY ADVANCED NON-SMALL CELL LUNG CANCER?</td>
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<td>09:30</td>
<td>CASE 1: PERSISTENT N2 RUL ADENOCARCINOMA AFTER INDUCTION THERAPY</td>
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<td>David Waller, Leicester/UK</td>
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</table>
09:35  STAGING/RESTAGING  
Robert Rintoul, Cambridge/UK

09:45  INDUCTION CHEMORADIOTherAPY  
Matthew Hatton, Sheffield/UK

09:55  SURGERY – LOBECTOMY V PNEUMONECTOMY  
Eric Lim, London/UK

10:05  TREATMENT OF DISEASE PROGRESSION  
Sanjay Popat, London/UK

10:15  DISCUSSION: HOW WOULD YOU HAVE MANAGED THINGS DIFFERENTLY?

10:30 - 11:00  Coffee Break  
Exhibition Area

11:00 - 13:00  Hall 1

11:00 - 12:00 – SESSION 2: MESOTHELIOMA – THE END OF NIHILISM  
Chairmen: Servet Bölükbas, Wiesbaden/DE – Gary Middleton, Birmingham/UK

11:00  CASE 2: STAGE T2 NO RIGHT EPITHELIOID MALIGNANT MESOTHELIOMA  
David Waller, Leicester/UK

11:05  INDUCTION CHEMOTHERAPY  
David Ferry, Wolverhampton/UK

11:15  SURGERY – A ROLE FOR EPP  
John Edwards, Sheffield/UK

11:25  ADJUVANT RADIOTHERAPY  
Craig Stevens, Tampa/US

11:35  PATIENT SUPPORT  
Liz Darlison, Leicester/UK

11:45  DISCUSSION : DO YOU AGREE WITH THE TEAM’S MANAGEMENT?

12:00 - 13:00 – SESSION 3: THYMOMA – NO LONGER FORGOTTEN  
Chairmen: Enrico Ruffini, Torino/IT – Sridhar Rathinam, Leicester/UK

12:00  PATHOLOGY/STAGING  
Ehab Bishay, Birmingham/UK

12:15  BTOG-115 THYMOMA AND INTER-RELATIONSHIPS BETWEEN CLINICAL VARIABLES : A MULTICENTER STUDY IN 537 PATIENTS  
Pier Luigi Filosso1, A.E. Rendina2, F. Guerrera1, E. Ruffini1, S. Margaritora1, C. Casadio1, A. Terzi2, F. Lococo3, O. Rena2, F. Venuta2  
1Torino/IT, 2Roma/IT, 3Rome (italy)/IT, 4Novara/IT, 5Cuneo/IT

12:25  CASE 3: STAGE IVA TYPE B THYMOMA  
David Waller, Leicester/UK
12:30  INDUCTION CHEMOTHERAPY  
Rohit Lal, London/UK

12:40  SURGERY—EXTENDED PLEURECTOMY/DECORTICATION OR EPP  
Loic Lang-Lazdunski, London/UK

12:50  DISCUSSION: SHOULD THYMOMA TREATMENT BE LIMITED TO SPECIALIST CENTRES?

13:00 - 14:00  Lunch Break

14:00 - 15:15  Hall 1

14:00 - 15:15 — SESSION 4: EARLY CANCER, RISKY PATIENT  
Chairmen: Richard Booton, Manchester/UK — Isabelle Opitz, Zurich/CH

14:00  BTOG-116  PREDICTED POSTOPERATIVE LUNG FUNCTION IS ASSOCIATED WITH ALL-CAUSE LONG-TERM MORTALITY AFTER MAJOR LUNG RESECTION FOR CANCER  
Mark Ferguson, S. Watson, E. Johnson, W. Vigneswaran  
Chicago/US

14:10  BTOG-117  WHAT IS THE APPROPRIATE OPERATIVE STRATEGY FOR RADIOLOGICALLY “SOLID” TUMOR IN SUBCENTIMETER LUNG CANCER PATIENTS?  
Aritoshi Hattori, K. Suzuki, T. Matsunaga, M. Fukui, Y. Miyasaka, K. Takamochi, S. Oh  
Tokyo/JP

14:20  CASE 4: SOLITARY PULMONARY NODULE IN POOR RESPIRATORY FUNCTION  
David Waller, Leicester/UK

14:25  ENHANCED RECOVERY IN PERIOPERATIVE CARE  
Babu Naidu, Birmingham/UK

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Day Time Session Lecture

Tuesday 28 May 2013 07:30 - 08:20 Breakfast Session
Follow up after lung cancer resection: intensive or guided by symptoms
Invited Speaker Eric Lim
Screen Cell Research Support
Roche Speaker’s bureau
Imedex Speaker’s bureau
Clear Bridge Biomedics Patent pending
Pfizer Stocks owned
Strategies Advisory Board
Abbott Molecular Advisory Board
Gliax Smith Kline Advisory Board

Tuesday 28 May 2013 11:00 - 12:30 Joint ESTS-IASLC Session
Risk assessment for lung surgery
Invited Speaker Eric Lim
Screen Cell Research Support
Roche Speaker’s bureau
Imedex Speaker’s bureau
Clear Bridge Biomedics Patent pending
Pfizer Stocks owned
Strategies Advisory Board
Abbott Molecular Advisory Board
Gliax Smith Kline Advisory Board

Tuesday 28 May 2013 13:00 - 14:00 Lunch Symposia
Setting up advanced surgical programs and effects of CT screening
Invited Speaker Henrik Hansen
Covidien Speaker and teacher at Masterclass
Rene Horsleben Petersen Covidien Speaker, clinical immersions, mentorships
Chairperson Thomas Schmid Covidien Speaker’s bureau, sponsorship of Innsbruck VATS Symposium 2013

Chairperson Kostas Papagiannopoulos
Ethicon Speaker’s bureau
Invited Speaker Franca Melfi
Intuitive Surgical Official Intuitive Proctoring
Invited Speaker Jan Siebenga
Ethicon Collaborator
Invited Speaker Jan Siebenga
Baxter Consultant
Invited Speaker Jan Siebenga
Takeda Consultant
Invited Speaker Diego Gonzalez Rivas
Ethicon Speaker
Invited Speaker Diego Gonzalez Rivas
Endosurgery Techno Meeting
Invited Speaker Antonio Ucar
Covidien Travel grant
Chairperson Tim Batchelor
Covidien Speaker, European and Global

Chairperson Gonzalo Varela
Baxter International Advisory Board
Chairperson Gonzalo Varela
Atrium Medical International Advisory Board
Chairperson Sridhar Rathinam
Cryolife Europe Research Grant 2007 Clinical Trials
Chairperson Sridhar Rathinam
Cryolife Europe Travel Grant
Chairperson Sridhar Rathinam
TissueMed Travel Grant
Chairperson Jaroslaw Kuzdzial
Medycyna Praktyczna Co-owner
Chairperson Jaroslaw Kuzdzial
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ESTS Committee for Research and Education (ESTS CRE)

ESTS Council has agreed to establish the Committee for Research and Education to promote research, scientific and educational activities among members. This decision was approved by the General Assembly at the 18th European Conference on General Thoracic Surgery in Valladolid, Spain, 1 June 2010.

The Committee consists of five ESTS past presidents: Tomasz Grodzki, Semih Halezeroglu, Toni Lerut, Laureano Molins and Walter Weder. The ESTS General Secretary and Treasurer will be ex officio members of the Committee. The Trustees of the ESTS Charity will have final responsibility of the funds collected in ESTS CRE.

The purpose is to collect funds on the basis of voluntary donations by members of ESTS.

Donations are welcome and payment can be made online through the ESTS homepage or via bank transfer. For further information contact Sue Hesford at the ESTS Secretariat, sue@ests.org.uk

The annual invoice sent to members each year now includes a box so that members can indicate if they would like to make a voluntary donation at the time of membership payment.

The application for Research and Educational Grants will open when sufficient donations have been made to the fund which will depend on the generosity of ESTS members. The aim of the fund is to support top class long term scholarships.

The members of the ESTS CRE will select a candidate or candidates based on their application for discussion and final approval by the ESTS Council.

The Grant will be awarded at the gala dinner at the Annual Meeting.

The names of ESTS members donating to the Committee for Research and Education will be listed yearly in the List of Members Book and Final Programme of the annual meeting.

We thank you in advance for considering additional support of ESTS dedicated for research and educational purposes.

On behalf of the ESTS CRE
Tomasz Grodzki MD FETCS – Chair
Past President
Lung Transplantation – Minimally Invasive Surgery

10 - 11 February 2014
Minimally invasive surgery for lung diseases, diaphragm dysfunction and thoracic trauma

22 - 23 September 2014
Topic to be announced

THEORETICAL COURSE
Antalya
12 - 16 March 2014
22nd European Conference on General Thoracic Surgery

European Society of Thoracic Surgeons

www.est.s.org

Copenhagen - Denmark
15 – 18 June 2014

SAVE THE DATE
ESTS gratefully acknowledges the following companies for sponsoring the ESTS educational activities:

- Covidiene
- Takeda Pharma

ESTS gratefully acknowledges the support by the following companies for the 21st European Conference on General Thoracic Surgery in Birmingham:

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