



25th ESTS MEETING

28 MAY - 31 MAY 2017 • INNSBRUCK, AUSTRIA



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EUROPEAN CONFERENCE
ON GENERAL THORACIC SURGERY

ESTS

Final program



www.ests.org

25th ESTS MEETING

28 MAY - 31 MAY 2017 INNSBRUCK, AUSTRIA



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ESTS SCHOOL OF THORACIC SURGERY

Director of Education: Prof Gilbert Massard

KNOWLEDGE TRACK

Antalya Revisited in Prague, Czech Republic

A Complete Review of Thoracic Surgery

March 2018

TB and other Lung Diseases of Surgical Interest

Jointly organized with WHO Collaborating Centres

Cepina, Italy

20 - 23 November 2017

ACADEMIC COMPETENCE TRACK

Medical Writing Course

European Surgical Institute, Hamburg, Germany

10 – 12 April 2017

International Leadership Management, ILM Level 5

Leeds University, Leeds, UK

November 2017

SKILL TRACK

Hands-on Course

VATS lobectomy: Technical Issues and Perioperative Management

“Elancourt in Copenhagen”, Copenhagen Academy for Medical Education and Simulation

Copenhagen, Denmark

19 – 21 April 2017

ESTS Course on Chest Wall Surgery

European Surgical Institute

Hamburg, Germany

25 - 27 September 2017

ESTS SCHOOL, RUSSIA

Kazan: 16 – 18 February 2017

St Petersburg: June 2017

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FINAL PROGRAM

SUNDAY 28 MAY 2017

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2017 ESTS Annual Conference Innsbruck, Austria 28-31 May, 2017

Final Program

SUNDAY 28 MAY 2017

08:00 – 12:00 POSTGRADUATE SYMPOSIUM – MASTER CUP

Award: The best overall performance by a trainee member in the Postgraduate Course Master's Cup Competition will be awarded by an expenses paid one month attachment to a leading Thoracic Surgery Unit in China. The prize comes courtesy of AME Publishing Company.

Organisers: Davis Waller, *London/UK*, Nuria Novoa, *Salamanca/ES*

ROOM: TIROL

FORMAT:

- This year, country's teams will compete to answer questions on clinically relevant topics of all areas of interest
- There will be global contest: individual and team competition
- Questions are designed to be provoking, challenging and based on the ESTS Textbook of Thoracic Surgery
- Questions will be arranged in blocks. At the end of each block, there will be a final case-based question on chosen topical issues. Solutions will be explained by an expert that will present updated data and will discuss solutions including answering questions from the public
- It will be the opportunity for plenty of audience interaction through real-time discussion and voting
- All audience members are welcome to answer the questions. The audience member with the most correct answers will receive a prize

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Teams:



Austria:

Team:

Team Captain: Michael Mueller, Vienna/AT

Bahil Ghanim, Vienna/AT, Thomas Klikovits, Vienna/AT,
Mohamed Salama, Vienna/AT



Belgium:

Team:

Team Captain: Dirk Van Raemdonck, Leuven/BE

Maria-Pia Di Campli, Brussels/BE Anna Frick, Leuven/BE,
Maarten Vander Kuylen, Brussels/BE



Canada:

Team:

Team Captain: Stephen Cassivi, Rochester/US

John Agzarian, Ontario/CA, Monisha Sudarshan, Quebec/CA
Simon Turner, Alberta/CA



China:

Team:

Team Captain: Lanjun Zhang, Guandong/CN

Runsen Jin, Shanghai/CN, Qiuyuan Li, Shanghai/CN, Fan Zhang, Beijing/CN



Denmark:

Team:

Team Captain: Rene Petersen, Copenhagen/DK

Bo Laksafoss Holbek, Copenhagen/DK, Katrine Jensen, Copenhagen/DK,
Michael Stenger, Odense/DK



France:

Team:

Team Captain: Gilbert Massard, Strasbourg/FR

Alex Fourdrain, Amiens/FR, Lucille Gust, Marseille/FR,
Jeremie Reeb, Strasbourg/FR



Germany:

Team:

Team Captain: Gunda Leschber, Berlin/DE

Elena Ullrich/Heidelberg/DE, Katrin Hornemann, Heidelberg/DE,
Margarete Haerting, Essen/DE



India:

Team:

Team Captain: Rajan Santosham, Chennai/IN

Ganapathi Adarsh, New Delhi/IN, Shilpa Gandhi, Kolkata/IN,
Anjith Prakash, Chennai/IN



Italy:

Team:

Team Captain: Pier Luigi Filosso, Torino/IT

Pietro Bertoglio, Negrar Verona/IT, Maria Cattoni, Varese/IT,
Francesco Guerrera, Torino/IT



Japan:

Team:

Team Captain: Seiki Hasegawa, Nishinomiya/JP

Aki Kobayashi, Tsu, Mie/JP, Hidenao Kayawake, Kyoto/JP,
Takahide Toyoda, Chiba/JP



Poland:

Team:

Team Captain: Tomasz Grodzki, Szczecin/PL

Aleksandra Czarnecka, Kielce/PL, Joanna Lipinska, Lodz/PL,
Katarzyna Zanowska, Krakow/PL



Spain:

Team:

Team Captain: Nicolas Moreno Mata, Madrid/ES

Jesus Galan Jimenez, Badajoz/ES, Patricia Ovejero Diaz, Madrid/ES,
Maria Trujillo Sanchez de Leon, Madrid/ES

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Switzerland: Team Captain: Walter Weder, Zurich/CH

Team: Etienne Abdelnour, Lausanne/CH, Benoit Bedat, Geneva/CH, Olivia Lauk, Zurich/CH



Turkey: Team Captain: Hasan Batirel, Istanbul/TK

Team: Yusuf Kahya, Ankara/TK, Bihter Sayan, Istanbul/TK, Ebru Sayilir, Ankara/TK



UK: Team Captain: Nilanjan Chaudhuri, Leeds/UK

Team: Sofina Begum, London/UK, Annabel Sharkey, Leicester/UK, Thomas Tsitsias, London/UK



USA: Team Captain: Eric Vallieres, Seattle/US

Team: Matthew Egyud, Boston/US, Jinny Ha, Baltimore/US, Lucia Madariaga, Boston/US

08:00

POSTGRADUATE SYMPOSIUM – MASTER CUP- PART 1

08:00- 08:05 5' introduction from the 2016 PGC AME prize winner
Claudio Caviezel, *Zurich/CH*

10:00

COFFEE BREAK

10:30

POSTGRADUATE SYMPOSIUM – MASTER CUP- PART 2

12:00

OPENING CEREMONY - INDUSTRY

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13:00 - 14:30

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DATABASE AND QUALITY CERTIFICATION SESSION

Organisers: Pierre-Emmanuel Falcoz, *Strasbourg/FR*, Michele Salati, *Ancona/IT*

ROOM: TIROL

- 13:00 **ESTS DATABASE ANNUAL REPORT**
Pierre-Emmanuel Falcoz
Strasbourg/FR
- 13:15 **INSTITUTIONAL ACCREDITATION**
Alessandro Brunelli
Leeds/UK
- 13:30 **COOPERATION BETWEEN DATABASES AT AN
INTERNATIONAL LEVEL:
PART 1: MINIMAL REQUIREMENTS**
Michele Salati,
Ancona/IT
- PART 2: ADVANTAGES FOR EACH PARTNERS**
Yaron Shargall,
Hamilton/CA
- 13:45 **COOPERATION WITH THE STS DATABASE: WHERE DO WE
GO NEXT?**
Christopher Seder,
Chicago/US
- 14:00 **THE BRAZILIAN CONTRIBUTION: TARGETS AND FUTURE
PERSPECTIVE**
Ricardo Terra,
Sao Paulo/BR
- 14:15 **DISCUSSION**
- 14:30 **ADJOURN**

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14:30-15:30

SUNDAY 28 MAY 2017

EUROPEAN JOURNAL OF CARDIOTHORACIC SURGERY (EJCTS) ACADEMY

Organisers: Pascal Thomas, *Marseille/FR*, Gonzalo Varela, *Salamanca/ES*

ROOM: TIROL

- 14:30 **THE EDITOR'S POINT OF VIEW: WHAT ARE THE CURRENT PRIORITIES AT THE EJCTS**
Friedhelm Beyersdorf
Freiburg/DE
- 14:40 **THE REVIEWER'S POINT OF VIEW: WHAT ARE THE MOST FREQUENTLY DETECTED PROBLEMS IN THE SUBMISSIONS TO THE EJCTS**
Xavier Benoit D'Journo
Marseille/FR
- 14:50 **THE CHAIRMAN'S POINT OF VIEW: THE MOST FREQUENT MISTAKES WHEN YOU ARE PRESENTING AT THE ESTS MEETING**
Alan Sihoe
Hong Kong/CN
- 15:00 **THE AUTHOR'S POINT OF VIEW: HOW TO SURVIVE THE EDITORIAL PROCESS**
Janet Edwards
Calgary/CA
- 15:10 **THE ESTS POINT OF VIEW: WHAT CAN ESTS DO FOR YOU**
Gilbert Massard
Strasbourg/FR
- 15:20 **DISCUSSION**
- 15:30 **ADJOURN**

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14:30 – 15:30

SUNDAY 28 MAY 2017

CARDIOTHORACIC ISSUES OF INTEREST FOR THE GENERAL THORACIC SURGEON

Organisers: Pierre Emmanuel Falcoz, *Strasbourg/FR*, Isabelle Opitz, *Zurich/CH*

ROOM: BRUSSEL

- 14:30 **PRINCIPLES OF EXTRACORPOREAL LIFE SUPPORT**
Marc de Perrot
Toronto/CA
- 14:45 **INDICATIONS OF EXTRACORPOREAL LIFE SUPPORT
(ECLS) FOR EXTENDED RESECTIONS**
Walter Klepetko
Vienna/AT
- 15:00 **INDICATIONS OF EXTRACORPOREAL LIFE SUPPORT
(ECLS) FOR TRANSPLANTATION AND NEW SETTINGS**
Stefan Fischer
Ibbenburen/DE
- 15:15 **WHICH VASCULAR ACCESS FOR WHICH SITUATION:
HOW TO DECIDE AND HOW TO DO IT?**
Dirk Van Raemdonck
Leuven/BE
- 15:30 **ADJOURN**
- 15:30 **COFFEE BREAK**

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SUNDAY 28 MAY 2017

16:00 – 17:00

ROBOTIC THORACIC SURGERY: STANDARDS IN CLINICAL PRACTICE AND TRAINING

Organisers: Giulia Veronesi, *Milan/IT*, Alper Toker, *Istanbul/TR*

ROOM: TIROL

- 16:00 **THE CURRENT SITUATION AND POTENTIAL OF ROBOTIC THORACIC SURGERY**
Alper Toker
Istanbul/TR
- 16:15 **HOW TO GET THE BEST FROM ROBOTIC THORACIC SURGERY**
Franca Melfi
Pisa/IT
- 16:30 **SAFE AND EFFECTIVE TRAINING FOR ROBOTIC SURGERY; EDUCATION OF FUTURE ROBOTIC SURGEONS**
Giulia Veronesi
Milan/IT
- 16:45 **REASONS OF THE RISE IN ROBOTIC THORACIC SURGERY**
Jean-Marc Baste
Rouen/FR
- 17:00 **ADJOURN**

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16:00 – 17:00

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EXTREME THORACIC SURGERY SESSION

Organisers: Jaroslaw Kuzdzal, *Krakow/PL*, Walter Klepetko, *Vienna/AT*

ROOM: BRUSSEL

- 16:00 **EXTREME THORACIC SURGERY - WHAT DOES IT MEAN?**
Elie Fadel,
Le Plessis Robinson/FR
- 16:10 **SHOULD EXTREME THORACIC SURGERY BE PERFORMED
IN THE ERA OF MINIMALLY INVASIVE APPROACHES AND
PROGRESS OF MEDICAL ONCOLOGY?**
Clemens Aigner
Essen/DE
- 16:20 **HOW MUCH OF CENTRALIZATION OF EXTREME
THORACIC SURGERY IS NEEDED?**
Marc De Perrot
Toronto/CA
- 16:30 **CASE PRESENTATION**
Walter Klepetko
Vienna/AT
- 16:35 **CASE PRESENTATION**
Jaroslaw Kuzdzal
Krakow/PL
- 16:40 **DISCUSSION**
- 17:00 **ADJOURN**

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SUNDAY 28 MAY 2017

17:00 – 18:00

ESTS- ENHANCED RECOVERY AFTER SURGERY SOCIETY (ERAS) JOINT SESSION

Organisers: Alessandro Brunelli, *Leeds/UK*, Tim Batchelor, *Bristol/UK*

ROOM: TIROL

- 17:00 **INTRODUCTION**
Alessandro Brunelli
Leeds/UK
- 17:02 **THE CONCEPT OF FAST TRACK AND ENHANCED RECOVERY AFTER SURGERY (ERAS) IN THORACIC SURGERY**
Robert Cerfolio
Birmingham/US
- 17:10 **PREHABILITATION AND REHABILITATION FOR THORACIC SURGICAL PATIENTS**
Babu Naidu
Birmingham/UK
- 17:18 **ENHANCED RECOVERY AFTER SURGERY (ERAS) AND SURGICAL APPROACHES IN THORACIC SURGERY**
Rene Petersen
Copenhagen/DK
- 17:26 **REGIONAL ANALGESIA AND ADJUNCTS TO PAIN MANAGEMENT IN THORACIC SURGERY**
Gerardo Cortese
Torino/IT
- 17:34 **ERAS/ESTS JOINT GUIDELINES: PURPOSES, METHODS AND SUMMARY OF RECOMMENDATIONS**
Tim Batchelor
Bristol/UK

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- 17:42 **VENOUS THROMBOEMBOLISM (VTE) PROPHYLAXIS IN THORACIC SURGERY. THE ESTS-VTE WORKING GROUP REPORT ON INTERNATIONAL PRACTICE PATTERNS AND FUTURE DIRECTIONS**
Yaron Shargall
Hamilton/CA
- 17:50 **DISCUSSION**
- 18:00 **ADJOURN**

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17:00 – 18:00

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DISASTER PREPAREDNESS AND MASS CASUALTY: THE ROLE OF THE THORACIC SURGEON IN THE AGE OF TERRORISM

Organisers: Gilbert Massard, *Strasbourg/FR*, Tamas Molnar, *Pecs/HU*

ROOM: BRUSSEL

- 17:00 **GENERALITIES ON TERRORISM (EPIDEMIOLOGY,
CAUSES, PREVENTION, “TREATMENT”)**
Jean-Pierre Maulny
Deputy Director, Institut de Relations Internationales et
Stratégiques (IRIS)
The French Institute for International and Strategic Affairs
Paris/FR
- 17:20 **PARIS ATTACKS ON 13 NOVEMBER, 2015, THE
ORGANIZATIONAL ASPECT OF CARING FOR MULTIPLE
WOUNDED**
Guillaume Boddaert
Paris/FR
- 17:40 **THE MANAGEMENT OF THE INDIVIDUAL PATIENT, WITH
FOCUS ON DAMAGE CONTROL.**
Tamas Molnar
Pecs/HU
- 18:00 **ADJOURN**
- 18:00 **OPENING CEREMONY**
- 18:45 **WELCOME RECEPTION**

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MONDAY, 29 MAY 2017

07:00 – 07:50

SUNRISE ACADEMY

Organisers: Gilbert Massard, *Strasbourg/FR*, Kostas Papagiannopoulos, *Leeds/UK*

SUNRISE ACADEMY 1

07:00

HOW I DEAL WITH COMPLEX EMPYEMA

Cristian Paleru
Bucharest/RO

SUNRISE ACADEMY 2

07:00

VIDEO-ASSISTED THORACIC SURGERY (VATS) SEGMENTECTOMY REVISITED

Tim Batchelor
Bristol/UK

HANDS-ON: RIGID BRONCHOSCOPY AND INTERVENTIONAL BRONCHOLOGY

In this session the delegates will be able to perform bronchoscopies, with rigid and flexible bronchoscopes and experience the full range of accessories utilized in the management of endobronchial pathology including stent placement and stent placement systems.

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08:20 **Opening remarks**
Jaroslaw Kuzdzal, ESTS President
Krakow/PL

08:25 **Report from the 2017 ESTS Programme Committee**
Enrico Ruffini, Director of the ESTS Annual Meeting
Torino/IT

08:30 - 10:30 **SESSION I: BROMPTON SESSION**

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

Oral session (8' presentation + 4' invited discussant + 8' discussion)

Chairmen: Jaroslaw Kuzdzal, ESTS President, *Krakow/PL*, Alessandro Brunelli, ESTS Secretary General, *Leeds/UK*,

Jury: Gaetano Rocco, *Naples/IT*, Gonzalo Varela, *Salamanca/ES*

ROOM: TIROL

08:30 **B-001 PULMONARY HYPERTENSION MAY IMPROVE IN SELECTED PATIENTS AFTER LUNG VOLUME REDUCTION SURGERY**

Carlson Aruldas, C. Caviezel, D. Schneiter, I. Inci, W. Weder, I. Opitz
Zurich/CH.

Invited discussant: Walter Klepetko, *Vienna/AT*

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- 08:50** **B-002 CONVERSION DUE TO VASCULAR INJURY DURING VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) LOBECTOMY**
Fabio Davoli¹, L. Bertolaccini¹, D. Argnani², J. Brandolini², A. Pardolesi², D. Divisi³, R. Crisci³, P. Solli¹, on behalf of the Italian VATS Group⁴
¹Ravenna/IT, ²Forlì/IT, ³Teramo/IT, ⁴National Registry/IT

Invited discussant: Vincent Fang, *Shanghai/CN*

- 09:10** **B-003 VIDEO-ASSISTED THORACOSCOPIC SURGERY VERSUS OPEN SURGERY FOR STAGE I THYMIC EPITHELIAL TUMORS: A PROPENSITY-SCORE MATCHED ANALYSIS OF THE CHINESE ALLIANCE FOR RESEARCH IN THYMOMAS RETROSPECTIVE DATABASE**
Z. Gu¹, Vincent Fang¹, C. Chen², P. Zhang³, Y. Wei⁴, J. Fu⁵, Y. Liu⁶, R. Zhang⁷, K. Chen⁸, Z. Yu⁹
¹Shanghai/CN, ²Fuzhou/CN, ³Tianjin/CN, ⁴Qingdao/CN, ⁵Guangzhou/CN, ⁶Shenyang/CN, ⁷Hefei/CN, ⁸Beijing/CN, ⁹Tianjin/CN

Invited discussant: Frank Detterbeck, *New Haven/US*

- 09:30** **B-004 PROPHYLACTIC CONTINUOUS POSITIVE AIRWAY PRESSURE AFTER PULMONARY LOBECTOMY FOR LUNG CANCER: A RANDOMIZED CONTROLLED TRIAL**
Mario Nosotti, E. Privitera, M. Lazzeri, S. Mariani, L. Rosso, D. Tosi, A. Palleschi, P. Mendogni, I. Righi, R. Carrinola, M. Montoli, M. Torre, M. Reda, L. Santambrogio
Milan/IT

Invited discussant: Stephen Cassivi, *Rochester/US*

- 09:50** **B-005 VAGUS NERVE STIMULATION ATTENUATES THE ACUTE POSTSURGICAL INFLAMMATORY RESPONSE AFTER LUNG LOBECTOMY**
Mohamed Salama, A. Akan, M. Mueller
Vienna/AT

Invited discussant: David Waller, *London/UK*

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10:10 B-006 RISK AND BENEFIT OF NEOADJUVANT THERAPY AMONG PATIENTS UNDERGOING RESECTION FOR NON-SMALL CELL LUNG CANCER (NSCLC)

Sai Yendamuri, T. Demmy, M. Hennon, E. Dexter, A. Picone, C. Nwogu, G. Dy
Buffalo/US

Invited discussant: Douglas Wood, *Seattle/USA*

10:30 COFFEE BREAK

11:00 INVITED LECTURE: "PURSUING EXCELLENCE - THE SPIRIT OF MAYO BROTHERS"

Stephen D Cassivi
Rochester/US

11:25 THE ESTS DATABASE: WHY SHOULD YOU TAKE PART ?

Pierre-Emmanuel Falcoz
Strasbourg/FR

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11:30 ESTS VOGT-MOYKOPF LECTURE

MONDAY 29 MAY 2017

Oral presentation (8' presentation + 12' discussion)

Room: TIROL

Chairmen: Jaroslaw Kuzdzal, *Krakow/PL* – Kostas Papagiannopoulos, *Leeds/UK*

11:30 O-007 ANATOMICAL RESECTIONS ARE SUPERIOR TO WEDGE FOR THE OVERALL SURVIVAL IN STAGE I TYPICAL CARCINOID PATIENTS

Pier Luigi Filosso¹, F. Guerrero¹, A. Evangelista¹, P. Thomas², S. Welter³, E.A. Rendina⁴, F. Venuta⁴, M. García-Yuste⁵, G. Rocco⁶, A. Brunelli⁷, L. Ampollini⁸, M. Nosotti⁹, W. Travis¹⁰, F. Raveglia⁹, F. Ardissoni¹¹, P. Casado¹², O. Rena¹³, V. Larocca¹⁴, D. Sagan¹⁵, ESTS NET-WG Contributors¹
¹Torino/IT, ²Marseille/FR, ³Essen/DE, ⁴Rome/IT, ⁵Valladolid/ES, ⁶Naples/IT, ⁷Leeds/UK, ⁸Parma/IT, ⁹Milan/IT, ¹⁰New York/US, ¹¹Orbassano/IT, ¹²Cordoba/ES, ¹³Novara/IT, ¹⁴Pescara/IT, ¹⁵Lublin/PL.

Invited discussant: *Kostas Papagiannopoulos, Leeds/UK*

11:50 INTRODUCTION TO THE PRESIDENT

Kostas Papagiannopoulos
Leeds/UK

12:05 PRESIDENTIAL ADDRESS: '25TH ANNIVERSARY THOUGHTS'

Jaroslaw Kuzdzal
Krakow/PL

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12:30 – 13:30

MONDAY 29 MAY 2017

JUNIOR LUNCH SYMPOSIUM

ROOM: GRENOBLE

Organisers: Anna Frick, *Leuven/BE*, Gilbert Massard, *Strasbourg/FR*

HOW TO ORGANIZE MY RESEARCH PROJECT

- 12:30 **HOW TO FIND A RESEARCH PROJECT AND A SUITABLE LAB**
Thorsten Walles
Magdeburg/DE
- 12:40 **EXPERIENCE WITH THE ZURICH FELLOWSHIP**
Carlson Aruldas
Zurich/CH

TRAINING PORTFOLIO

- 12:50 **HOW TO SET UP: EXAMPLE OF EPIFORM**
Hassan Debbagh
Marseille/FR
- 13:00 **HOW TO EVALUATE A TRAINEES PORTFOLIO**
Pala Rajesh
Birmingham/UK

CONTEMPORARY LEARNING

- 13:10 **CAN E-LEARNING REPLACE CLASSIC TEACHING?**
Jalal Assouad
Paris/FR
- 13:20 **NON-TECHNICAL SKILLS IN VIDEO-ASSISTED THORACIC SURGERY (VATS)**
Kirsten Gjeraa
Copenhagen/DK

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SESSION II: VIDEO I

Award (combined with VIDEO II session): Free registration 2018 ESTS Annual Meeting in Ljubljana/SI offered by MEDELA

Video session (7' presentation + 3' discussion)

Chairmen: Mahmoud Ismail, *Berlin/DE* - Hasan Batirel, *Istanbul/TR*

ROOM: TIROL

- 13:30 V-008 ROBOTIC ASSISTED THORACOSCOPIC REMOVAL OF ESOPHAGUS FOREIGN BODY (DENTURE)**
N.S. Nanda, B. Asaf, Arvind Kumar
New Delhi/IN
- 13:40 V-009 A CASE OF MEDIASTINAL TRACHEOSTOMY FOR TRACHEOSTENOSIS AFTER TRACHEOSTOMY WITH TRACHEOMALACIA BY MUCOPOLYSACCHARIDOSIS**
Yasuhiro Chikaishi, M. Takenaka, K. Kuroda, N. Imanishi, F. Tanaka
Kitakyushu/JP
- 13:50 V-010 A DANCE WITH THE SUTURES**
E. Kaba, Tugba Cosgun, K. Ayalp, A. Toker
Istanbul/TR
- 14:00 V-011 LEFT PNEUMONECTOMY EXTENDED TO THE DESCENDING THORACIC AORTA WITHOUT USING EXTRACORPOREAL CIRCULATION AND WITHOUT CROSS-CLAMPING THE AORTA**
Antonio Francisco Honguero Martinez¹, M.D. Garcia Jimenez¹, M. Landaluce Chaves¹, J.D. Molina Nuevo¹, R. Jimenez Palmer¹, E. Julia Moya¹, M. Genoves Crespo¹, C.R. Rodriguez Ortega¹, M. Lazaro Sahuquillo², P. Leon Atance¹
¹*Albacete/ES*, ²*Alcazar de San Juan/ES*
- 14:10 V-012 SUCCESSFUL SURGICAL TREATMENT OF FISTULA WITH ROBOTIC SURGICAL SYSTEM**
Piotr Yablonskii, G. Kudriahov, S. Nuraliev, I. Vasilev, A. Kozak
St. Petersburg/RU

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14:20 V-013 MICROLOBECTOMY: A NOVEL VIDEO-ASSISTED THORACIC SURGICAL (VATS) APPROACH
Marco Nardini¹, V. Naruka², S. Jayakumar³, R. Calvert¹, M. Migliore⁴, M. Elsaegh¹, J. Dunning¹
¹Middlesbrough/UK, ²Cambridge/UK, ³London/UK, ⁴Catania/IT

13:30 – 14:30

ESTS BIOLOGY CLUB WORKSHOP FOR RESIDENTS: TRANSPLANTATION IMMUNOLOGY

ROOM: BRUSSELS

Organisers: Isabelle Opitz, *Zurich/CH*, Thorsten Walles, *Magdeburg/DE*

13:30 UNDERSTANDING THE MECHANISMS OF LUNG TRANSPLANT IMMUNOLOGY
Wolfgang Jungraithmayr
Zurich/CH

13:40 IMMUNOSUPPRESSION: STANDARD MANAGEMENT AND NEW CONCEPTS
Dirk Van Raemdonck
Leuven/BE

13:50 PHYSIOLOGIC MODELS FOR TRANSPLANT RESEARCH
Yoshito Yamada
Zurich/CH

14:00 QUESTIONS AND DISCUSSION

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14:10

REPORTS FROM FELLOWSHIPS

MONDAY 29 MAY 2017

REPORT FROM ESTS BIOLOGY CLUB ZURICH FELLOWSHIP

Carlson Aruldas
St. Petersburg/RU

REPORT FROM THE SCHOLARSHIP "MICROSURGERY COURSE OF LUNG TRANSPLANTATION"

Marc Boada Collado
Barcelona/ES

14:30

ADJOURN

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SESSION III: MINIMALLY INVASIVE THORACIC INTEREST GROUP (MITIG) VATS RESECTION

AWARD: Free registration for 2018 ESTS Annual Meeting in Ljubljana + 1 copy of the ESTS textbook offered by ETHICON

Forum session (7' presentation + 3' discussion)

Chairmen: Thomas Schmid, *Innsbruck/AT* - Didier Schneiter, *Zurich/CH*

ROOM: TIROL

14:30 F-014 MULTICENTRIC EVALUATION OF THE IMPACT OF CENTRAL TUMOR LOCATION WHEN COMPARING N1 UPSTAGING BETWEEN VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) AND OPEN SURGERY FOR CLINICAL STAGE I NON SMALL CELL LUNG CANCER (NSCLC)

Herbert Decaluwe¹, R.H. Petersen², A. Brunelli³, C. Pompili³, A. Seguin-Givelet⁴, L. Gust⁵, C. Aigner⁶, P. Falcoz⁷, P. Rinieri⁸, F. Augustin⁹, Y. Sokolow¹⁰, A. Verhagen¹¹, L. Depypere¹, K. Papagiannopoulos³, D. Gossot⁴, X.B. D'Journo⁵, F. Guerrero⁷, J. Baste⁸, T. Schmid⁹, A. Stanzi¹, J. Bardet⁴, P. Thomas⁵, G. Massard⁷, J. Moons¹, C. Doods¹, P. De Leyn¹, H.J. Hansen²
¹Leuven/BE, ²Copenhagen/DK, ³Leeds/UK, ⁴Paris/FR, ⁵Marseille/FR, ⁶Essen/DE, ⁷Strasbourg/FR, ⁸Rouen/FR, ⁹Innsbruck/AT, ¹⁰Brussels/BE, ¹¹Nijmegen/NL

14:40 F-015 MINIMALLY INVASIVE SURGICAL APPROACHES FOR THE TREATMENT OF NON-THYMOMATOUS MYASTHENIA GRAVIS. A COMPARATIVE PROPENSITY-SCORE ADJUSTED MULTICENTER STUDY

Francesco Guerrero¹, S. Renaud², N. Santelmo³, A. Evangelista¹, P. Lyberis¹, A. Mazzella³, A. Olland³, G. Bora¹, P. Falcoz³, P.L. Filosso¹, E. Ruffini¹, A. Oliaro¹, G. Massard³
¹Torino/IT, ²Nancy/FR, ³Strasbourg/FR

14:50 F-016 THE BURDEN OF FREQUENT EMERGENCY ROOM UTILIZATION AFTER ESOPHAGECTOMY

Biniam Kidane¹, B. Jacob², V. Gupta², J. Peel², R. Saskin², T. Waddell², G. Darling²
¹Winnipeg/CA, ²Toronto/CA

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- 15:00** **F-017 NODAL UPSTAGING IN CLINICALLY NODAL NEGATIVE LUNG CANCER IS MORE INFLUENCED BY TUMOR SIZE THAN BY THE SURGICAL APPROACH**
Gregor Laimer, F. Augustin, F. Kocher, C. Ng, M. Sacher, H. Maier, P. Lucciarini, T. Schmid
Innsbruck/AT
- 15:10** **F-018 EFFECT OF HIGH-DOSE PREOPERATIVE METHYLPREDNISOLONE IN VIDEO-ASSISTED THORACOSCOPIC SURGERY LOBECTOMY: A DOUBLE BLIND, RANDOMISED CONTROLLED TRIAL**
L.S. Bjerrgaard¹, P.F. Jensen², D.R. Bigler¹, René Horsleben Petersen¹, H.M. Sørensen¹, K. Gefke¹, H.J. Hansen¹, H. Kehlet¹
¹*Copenhagen/DK*, ²*Næstved/DK*
- 15:20** **F-019 ADVANTAGES OF WOUND RETRACTOR DEVICE VERSUS RIGID TROCAR AT CAMERA PORT IN VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS). SINGLE CENTER RANDOMIZED STUDY**
Federico Raveglia¹, A. Rizzi¹, A. Baisi¹, C. Tinelli²
¹*Milan/IT*, ²*Pavia/IT*

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14:30 - 15:30

MONDAY 29 MAY 2017

SESSION IV: YOUNG INVESTIGATORS AWARD

Award: ESTS – Young Investigator award (2000 Euros) for best research abstract by first author ESTS member < 35 years

Forum session (7' presentation + 3' discussion)

Chairmen: Isabelle Opitz, *Zurich/CH* - Gaetano Rocco, *Naples/IT*

ROOM: BRUSSEL

14:30 F-020 VIDEOTHORACOSCOPIC APPROACH IS ASSOCIATED WITH FAVOURABLE OUTCOME IN THE TREATMENT OF EARLY-STAGE NON SMALL CELL LUNG CANCER - A PROPENSITY SCORE-MATCHED ANALYSIS

Robert Dziedzic, T. Marjanski, W. Rzyman
Gdansk/PL

14:40 F-021 IS ADJUVANT CHEMOTHERAPY HELPFUL OR HARMFUL IN R0 RESECTED STAGE IB NON-SMALL CELL LUNG CANCER?

Xiao Li, M. Teng, J. Wang
Beijing/CN

14:50 F-022 A STUDY OF THE LEARNING CURVE OF ROBOTIC ESOPHAGECTOMY FOR ESOPHAGEAL CANCER

Samina Park, K.Y. Hyun, Y. Hwang, H.J. Lee, I.K. Park, Y.T. Kim, C.H. Kang
Seoul/KR

15:00 F-023 CHEST DRAIN REMOVAL AT MINIMAL AIR FLOW: COMPARISON BETWEEN POST REMOVAL PLEURAL ULTRASOUND AND CHEST X-RAY IN DETECTING CLINICALLY SIGNIFICANT RESIDUAL PNEUMOTHORAX

Miriam Patella, R. Pini, S. Cafarotti
Bellinzona/CH

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- 15:10** **F-024 VIDEO ASSISTED THORACOSCOPIC SURGERY YIELDS BETTER OUTCOMES THAN THORACOTOMY FOR ANATOMIC LUNG RESECTIONS IN BRAZIL: A PROPENSITY SCORE - MATCHED ANALYSIS OF THE BRAZILIAN SOCIETY OF THORACIC SURGERY DATABASE**
Maria Teresa Ruiz-Tsukazan¹, R. Terra², Á. Vigo¹, A. Gomes-Neto³, H. Alves De Oliveira⁴, D. Pinto-Filho⁵
¹Porto Alegre/BR, ²Sao Paulo/BR, ³Fortaleza/BR, ⁴Brasilia/BR, ⁵Caxias do Sul/BR
- 15:20** **F-025 PRE-EMPTIVE GLOTTIC ENLARGEMENT BEFORE LARYNGOTRACHEAL SURGERY IN PATIENTS AT HIGHEST RISK FOR POSTOPERATIVE BILATERAL VOCAL CORD PARALYSIS**
Thomas Schweiger, K. Hoetzenecker, I. Roesner, B. Schneider-Stickler, D. Denk-Linnert, W. Klepetko
Vienna/AT
- 15:30** **COFFEE BREAK**

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MONDAY 29 MAY 2017

16:00 – 17:00

ESTS - BRAZILIAN SOCIETY OF THORACIC SURGERY (SBCT) JOINT SESSION

CHEST WALL SURGERY IN THE 21ST CENTURY: NEW TRENDS AND TECHNOLOGIES

ROOM: TIROL

Organisers: Federico Venuta, *Rome/IT*, Fernando Vannucci, *Rio de Janeiro/BR*

16:00 **CHEST WALL RESECTION TECHNIQUES: STATE OF THE ART**

Marco Scarci
London/UK

16:15 **TECHNIQUES AND MATERIALS FOR RECONSTRUCTION OF THE CHEST WALL AFTER EXTENDED RESECTIONS: FROM CLASSIC ALTERNATIVES TO CUTTING-EDGE TECHNOLOGIES**

Gaetano Rocco
Naples/IT

16:30 **CHEST WALL STABILIZATION IN TRAUMA PATIENTS: WHY, WHEN AND HOW?**

Jose Ribas Milanez de Campos
Sao Paulo/BR

16:45 **REVISITING NUSS PROCEDURE FOR CHEST WALL DEFORMITIES – ARE THERE NEW TIPS AND TRICKS FOR BETTER RESULTS?**

Miguel Lia Tedde
Sao Paulo/BR

17:00 **ADJOURN**

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16:00 - 17:00

MONDAY 29 MAY 2017

SESSION V: MIXED THORACIC I

Forum session (7' presentation + 3' discussion)

Chairmen: Corinna Ludwig, *Dusseldorf/DE* - Clemens Aigner, *Essen/DE*

ROOM: INNSBRUCK

- 16:00 F-026 RIGHT-TO-LEFT INVERTED LIVING-DONOR LOBAR LUNG TRANSPLANTATION: PATIENT CHARACTERISTICS AND INTERMEDIATE OUTCOMES**
Toyofumi Chen-Yoshikawa, M. Hamaji, H. Motoyama, K. Hijiya, A. Aoyama, H. Date
Kyoto/JP
- 16:10 F-027 LUNG TRANSPLANTATION FOR IDIOPATHIC PULMONARY ARTERIAL HYPERTENSION ON INTRAOPERATIVE AND POSTOPERATIVELY PROLONGED EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) PROVIDES OPTIMALLY CONTROLLED REPERFUSION AND EXCELLENT OUTCOME**
Bernhard Moser, P. Jaksch, S. Taghavi, G. Muraközy, G. Lang, H. Hager, C. Krenn, G. Roth, P. Faybik, A. Bacher, C. Aigner, J. Matilla, P. Hacker, I. Lang, W. Klepetko
Vienna/AT
- 16:20 F-028 PREDICTORS OF TRIMODALITY THERAPY AND TRENDS IN THERAPY FOR MALIGNANT PLEURAL MESOTHELIOMA**
David Nelson, D. Rice, J. Niu, A. Vaporciyan, M. Antonoff, W. Hofstetter, G. Walsh, S. Swisher, J. Roth, S. Giordano, R. Mehran, B. Sepesi
Houston/US
- 16:30 F-029 FALSE-NEGATIVE RATE AND VOLUME OF ENDOBRONCHIAL ULTRASOUND GUIDED TRANSBRONCHIAL NEEDLE ASPIRATION PROCEDURES FOR NON SMALL CELL LUNG CANCER STAGING: A MULTICENTER STUDY IN ITALY**
Nicola Rotolo¹, M. Nosotti², L. Santambrogio², A. Imperatori¹, L. Dominioni¹, G. Crosta¹, P. Foccoli³, G. Pariscenti³, E. Passera⁴, L. Bortolotti⁴, G. Falezza⁵, M. Infante⁵, L. Rosso²
¹Varese/IT, ²Milan/IT, ³Brescia/IT, ⁴Bergamo/IT, ⁵Verona/IT

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- 16:40** **F-030 DEVELOPMENT OF A CLINICAL SCORE TO DISTINGUISH MALIGNANT FROM BENIGN ESOPHAGEAL DISEASE IN AN UNDIAGNOSED PATIENT POPULATION REFERRED TO AN ESOPHAGEAL DIAGNOSTIC ASSESSMENT PROGRAM**
Yaron Shargall, W. Hanna, C. Wen, L. Mbuagbaw, L. Schneider, M. Coghlan, M. Coret, E. Reynolds, C. Finley, C. Schieman, S. Demay
Hamilton/CA
- 16:50** **F-031 NEVER-SMOKERS WITH RESECTED LUNG CANCER: DIFFERENT DEMOGRAPHICS BUT SIMILAR SURVIVAL**
B. Stiles, M. Rahouma, M. Kamel, A. Nasar, A. Nguyen, S. Harrison, Benjamin Lee, J. Port, N. Altorki
New York/US

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17:00 – 18:00

MONDAY 29 MAY 2017

ESTS – JAPANESE ASSOCIATION OF CHEST SURGERY (JACS) JOINT SESSION NEW TECHNOLOGY FOR VATS SURGERY

Organisers: Laureano Molins, *Barcelona/ES*, Seiki Hasegawa, *Nishinomiya/JP*

ROOM: INNSBRUCK

- 17:00 **VASCULAR, LUNG AND BRONCHIAL CLOSURE DURING
VATS LOBECTOMY**
Steven Woolley
Liverpool/UK
- 17:10 **ENERGY DEVICES IN THORACIC SURGERY: EUROPEAN
PERSPECTIVE**
Miguel Congregado
Seville/ES
- 17:20 **ENERGY DEVICES IN THORACIC SURGERY: JAPANESE
PERSPECTIVE**
Takahiro Nakajima
Chiba/JP
- 17:30 **MARKING FOR SMALL PULMONARY NODULES (VAL-MAP,
VIRTUAL-ASSISTED LUNG MAPPING)**
Masaaki Sato
Tokyo/JP
- 17:40 **DISCUSSION**
- 18:00 **ADJOURN**

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17:00 - 18:00

SESSION VI: INNOVATIVE/EXPERIMENTAL

Award: ESTS – Grillo Award (1000 Euros) for best Innovative/Experimental abstract

Forum session (7' presentation + 3' discussion)

Chairmen: Douglas Mathisen, *Boston/US* - Zalan Szanto, *Pecs/HU*

ROOM: TIROL

17:00 F-032 BLOOD MEASUREMENT OF NEUROENDOCRINE GENE TRANSCRIPTS IS DIAGNOSTIC FOR BRONCHOPULMONARY CARCINOID AND IDENTIFIES THE EFFECTIVENESS OF SURGICAL RESECTION

Pier Luigi Filosso¹, I. Modlin², M. Roffinella¹, A. Lewczuk³, K. Chung⁴, A. Kolasinska-Cwikla⁵, J. Cwikla⁶, M. Kidd⁴
¹Torino/IT, ²New Haven/US, ³Gdansk/PL, ⁴Branford/US, ⁵Warsaw/PL, ⁶Olsztyn/PL

17:10 F-033 THE USE OF ULTRASOUND TO PREDICT FROZEN SECTION RESULTS IN DIAGNOSING GROUND-GLASS OPACITIES

Alfonso Fiorelli, G. Messina, R. Scaramuzzi, E. Frongillo, I. Minerva, G. Natale, M. Accardo, I. Cozzolino, G. Vicidomini, R. Franco, M. Santini
Naples/IT

17:20 F-034 KINESIOLOGY TAPING IMPROVES RECOVERY OF VENTILATORY FUNCTION AFTER THORACOTOMY LOBECTOMY FOR LUNG CANCER

Andrea Imperatori, M. Castiglioni, L. Gasperini, J. Borrelli, A. Grande, E. Nardecchia, M. Desio, L. Dominioni, N. Rotolo
Varese/IT

17:30 F-035 THE EFFECT OF PREGABALIN AND METHYLCOBALAMIN COMBINATION ON THE CHRONIC POSTTHORACOTOMY PAIN SYNDROME

Serda Kanbur¹, B. Meydan¹, S. Evman¹, T. Dogruyol², V. Baysungur¹
¹Istanbul/TR, ²Tunceli/TR

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17:40 F-036 THREE-DIMENSIONAL MEAN COMPUTED TOMOGRAPHY VALUE OF PURE OR PART-SOLID GROUND-GLASS NODULE CAN PREDICT TUMOR INVASIVENESS OF SMALL LUNG ADENOCARCINOMA

Shinsuke Kitazawa, Y. Saeki, N. Kobayashi, S. Kikuchi, Y. Goto, Y. Sato
Tsukuba/JP

17:50 F-037 A SHORT-TERM HIGH-INTENSIVE PATTERN OF PREOPERATIVE REHABILITATION BETTER SUITS SURGICAL LUNG CANCER PATIENTS

Xin Wang, G. Che, L. Liu
Chengdu/CN

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MONDAY, 29 MAY 2017

13:30 - 18:15

NURSE SYMPOSIUM

Award: 500 EUR for the best two oral presentations. These prizes are offered by MEDTRONIC to the best two oral presentations in the Symposium for Nurses.

ROOM: STRASSBURG

13:30 SESSION I

Chairs: Britt Borregaard, *Odense/DK*, Christa Them, *Innsbruck/AT*

13:30 WELCOME

Thomas Schmid *Innsbruck/AT*, Britt Borregaard *Odense/DK*,
Malene Missel, *Copenhagen/DK*

13:45 LUNG CANCER AND STIGMA

Trine Oksholm
Bergen/NO

13:55 LUNG CANCER AND PEER SUPPORT

Britt Borregaard
Odense/DK

14:05 LUNG CANCER TREATMENT TRAJECTORY AND FAST-TRACK

Malene Missel
Copenhagen/DK

14:15 DISCUSSION

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- 14:25-15:45** **Oral Presentations (7' Presentation +3' Discussion):**
- 14:25** **N-001 MANAGEMENT OF ACUTE BLEEDING DURING VATS PROCEDURES**
I.S. Niederl, Alberta Wolf
Innsbruck/AT
- 14:35** **N-002 PREPARING PATIENTS FOR THORACIC AND CARDIOTHORACIC SURGERY - POSITIONING AND STERILE DRAPING**
I.S. Niederl, Verena Gatscher
Innsbruck/AT
- 14:45** **N-003 DEVELOPING A MULTI-DISCIPLINARY THORACIC SURGERY RESEARCH TEAM IMPROVES THE RECRUITMENT INTO CLINICAL TRIALS AND PATIENTS EXPERIENCE**
Amy Kerr, N. Oswald, S. Kadiri, J. Webb, J. Taylor, H. Bancroft, E. Bishay, M. Kalkat, R. Steyn, P. Rajesh, B. Naidu
Birmingham/UK
- 14:55** **N-004 PREOPERATIVE NUTRITIONAL STATUS IN LUNG CANCER PATIENTS UNDERGOING LOBECTOMY, A PILOT STUDY OF THE PATIENT-GENERATED SUBJECTIVE GLOBAL ASSESSMENT TOOL (PG-SGA) IN A DANISH SETTING**
Malene Haugaard Hansen, L. Thrysoe, B. Borregaard
Odense/DK
- 15:05** **N-005 USING MOBILE APPLICATION TO PREPARE PATIENTS FOR SURGERY OF PECTUS EXCAVATUM**
Pernille Brasch Andersen, B. Roelsgaard
Aarhus/DK
- 15:15** **N-006 INHALATION THERAPY – THE SEARCH FOR THE OPTIMAL DEVICE**
Helmut Täubl
Natters/AT

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MONDAY 29 MAY 2017

15:25 **N-007 SECRETION CLEARANCE IF NEEDED – WHAT WE CAN DO**

Helmut Täubl
Natters/AT

15:35 **N-008 STUDY ON POSTOPERATIVE RESPIRATORY EXERCISE AND PULMONARY COMPLICATIONS IN PATIENTS WITH LUNG RESECTION SURGERY**

Hyewon Moon, H.Y. Kim, H.K. Moon
Seoul/KR

15:45 **COFFEE BREAK**

16:20 **SESSION II**

Chair: Malene Missel, *Copenhagen/DK*, Johnny Moons, *Leuven/BE*

16:20 **ESOPHAGUS CANCER**

Birthe Roelsgaard
Aarhus/DK

16:30 **EXPERIENCE OF PAIN IN PATIENTS WITH CHEST DRAIN**

Anette Viftrup
Copenhagen/DK

16:40 **UNDERSTANDING FALLS – AN INTERDISCIPLINARY APPROACH FOR NURSING PRACTICE**

Christa Them
Innsbruck/AT

16:50 **DISCUSSION**

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- 17:00** **Oral Presentations (7' Presentation +3' Discussion):**
- 17:00** **N-009 CONTINUING LOW NEGATIVE PRESSURE SUCTION COULD IMPROVE THE EFFECT OF CHEST DRAINAGE AFTER VATS LOBECTOMY □ A COMPARATIVE STUDY**
Y. Ou, Lina Xu, Q. Cui, Y. Du, H. Wang, D. Ge
Shanghai/CN
- 17:10** **N-010 NEW INSIGHTS IN THE CARE OF PATIENTS UNDERGOING ESOPHAGECTOMY. NURSES INPUT IN THE DEVELOPMENT OF A NEW ENHANCED RECOVERY AFTER SURGERY (ERAS) PROTOCOL**
Johnny Moons, A. Boogers, M. Jans, M. Fontaine, H. Vandeweege, S. Coppens, P. Nafteux
Leuven/BE
- 17:20** **N-012 IS A PROPHYLACTIC MINITRACHEOSTOMY (PMT) A USEFUL ADJUNCT TO FACILITATE SECRETION CLEARANCE AND TO AVOID SPUTUM RETENTION IN ESOPHAGECTOMY PATIENTS?**
Johnny Moons, A. Boogers, E. Gijbels, E. Pans, K. Dubois, P. Nafteux, L. Depypere
Leuven/BE
- 17:30** **N-013 A TRANSVERSE DILEMMA IN NURSERY - MALNOURISHED PATIENTS' EXPERIENCES WITH NUTRITIONAL CARE AT HOSPITALS**
Louise Carlsen
Copenhagen/DK
- 17:40** **N-014 ADVANTAGES OF EARLY MOBILIZATION ON RESPIRATORY OUTCOMES IN PATIENTS UNDERGOING VATS**
F. Raveglia, Linda Leo, A. Baisi, A. Rizzi, S. Terzoni, A. Destrebecq
Milan/IT

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17:50 **N-015 POST-OPERATIVE CARE OF PATIENTS TREATED WITHOUT POST-OPERATIVE CHEST TUBES**
Julie Madsen, M. Missel, R.H. Petersen, H.J. Hansen, B.L. Holbek
Copenhagen/DK

18:00 **AWARD CEREMONY OF THE 2 BEST ABSTRACTS**

18:15 **CLOSE OF THE SYMPOSIUM**

NURSE POSTERS

DISPLAYED AT COFFEE BREAK (15:45 – 16:20)

N-016 DEVELOPMENT OF A DEDICATED NURSING PROCEDURE FOR THORACOSCOPIC LUNG RESECTION WITH INTRAOPERATIVE LOCALIZATION IN THE HYBRID ROOM

F. Colombano, Simona Cavallo, R. Torta, C. Mansuino, A. Stanzi, G. Melloni
Cuneo/IT

N-017 NURSING EVALUATION OF POSTOPERATIVE PAIN IN SURGERY OF THORAX

Maria Chounti
Athens/GR

N-018 NURSELED TELEPHONE FOLLOW-UP AS A SUPPORTIVE TOOL AFTER HOSPITALISATION

Brigitte K. Rasmussen, B. Borregaard
Odense/DK

FINAL PROGRAM

TUESDAY 30 MAY 2017

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TUESDAY, 30 MAY 2017

07:00 – 08:00

SUNRISE ACADEMY

Organisers: Gilbert Massard, *Strasbourg/FR*, Kostas Papagiannopoulos, *Leeds/UK*

SUNRISE ACADEMY 3

07:00

HOW I MANAGE DIFFICULT TRACHEAL PROBLEMS

Vladimir Parshin
Moscow/RU
Simultaneous translation

SUNRISE ACADEMY 4

07:00

SURGICAL TREATMENT OF PULMONARY TUBERCULOSIS: TIPS AND TRICKS

Piotr Yablonski
St Petersburg/RU

HANDS-ON: ELECTROMAGNETIC BRONCHONAVIGATION

During this session there will be a 5-7 minute lecture on the current technology on bronchoscopic electromagnetic navigation systems. The delegates will have the opportunity to experience and train on the system as well as have answers on all questions regarding diagnostic benefits and future treatment benefits of such systems in the management of peripheral lung lesions endoscopically.

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08:00 – 09:30

TUESDAY 30 MAY 2017

ESTS-CHINESE ASSOCIATION OF THORACIC SURGERY (CATS) JOINT SESSION

THE 'HOTPOT' OF MINIMALLY INVASIVE THORACIC SURGERY (MITS) - CURRENT AND FUTURE

Organisers: Vincent Fang, *Shanghai/CN*, Lunxu Liu, *Chengdu/CN*

ROOM: BRUSSELS

- 08:00 **UNIPOINT VATS FOR LUNG CANCERS**
Shugeng Gao
Beijing/CN
- 08:12 **SUBXIPHOID VATS PULMONARY RESECTION**
Vincent Fang
Shanghai/CN
- 08:24 **ROBOTIC PULMONARY RESECTION**
Alper Toker
Istanbul/TR
- 08:36 **VATS EXTENDED RESECTION AND RECONSTRUCTION FOR LUNG CANCERS**
Lunxu Liu
Chengdu/CN
- 08:48 **ENHANCED RECOVERY AFTER SURGERY (ERAS) IN VATS LUNG SURGERY**
Hui Li
Beijing/CN
- 09:00 **VATS SURGICAL VIDEOS – 3 VIDEO CLIPS BY YOUNG SURGEONS SELECTED BY CATS**
- 09:00 **UNIPOINT VATS LOBECTOMY**
Wenzhao Zhong
Guangzhou/CN
- 09:10 **VATS SLEEVE RESECTION**
Quan Zhu
Nanjing/CN

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TUESDAY 30 MAY 2017

09:20

TOTAL THORACOSCOPIC ESOPHAGECTOMY

Ningning Kang

Hefei CN

09:30

ADJOURN

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08:00 – 09:30

TUESDAY 30 MAY 2017

CHALLENGING ONCOLOGIC CASES IN THORACIC SURGERY: A MULTIDISCIPLINARY TUMOUR BOARD (MTB) SESSION

Organiser: Alan Sihoe, *Hong Kong/CN*

ROOM: TIROL

MTB Panel: Medical Oncologist: Silvia Novello, *Torino/IT*
Radiation Oncologist: Paul Van Houtte, *Brussels/BE*
Thoracic Surgeon: Kostas Papagiannopoulos, *Leeds/UK*

FORMAT

- Real-life complex thoracic oncology cases will be presented to the MTB Panel for discussion of the optimal management.
- Audience participation through voting and engaging in the discussion will be an integral part of this session.
- Three challenging cases will be presented by invited surgeons, with choice of four possible management options suggested to the audience for consideration for each case
 - Before discussion: Audience votes for their preferred management
 - After discussion: MTB Panel announces their consensus plan
Audience votes again after hearing the discussion
Results of audience votes before and after discussion
 - Revealed Actual outcome revealed by presenter

9:30 COFFEE BREAK

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10:00 - 11:00

TUESDAY 30 MAY 2017

SESSION VII: VIDEO II

Award (combined with VIDEO I session): Free registration 2018 ESTS Annual Meeting in Ljubljana/SI offered by MEDELA

Video session (7' presentation + 3' discussion)

ROOM: TIROL

Chairmen: Henrik Hansen, *Copenhagen/DK* - Jalal Assouad, *Paris/FR*

10:00 V-038 SLIDE TRACHEOPLASTY FOR CONGENITAL TRACHEAL STENOSIS IN CHILDREN: OPERATIVE TECHNIQUE

Nizar Asadi, C. Butler, C. Bieli, D. McIntyre, N. McIntosh, C. Wallis, D. Roebuck, C. McLaren, N. Muthialu, R. Hewitt, M. Elliott
London/UK

10:10 V-039 COMPLETE RESECTION OF THE ANTERIOR MEDIASTINAL TUMOR THROUGH TOTAL ARCH REPLACEMENT AND PULMONARY ARTERY TRUNK RESECTION WITH A PERICARDIUM PATCH

Yasuhiro Chikaishi, M. Takenaka, K. Kuroda, N. Imanishi, F. Tanaka
Kitakyushu/JP

10:20 V-040 LUNG RESECTION BY DISSECTION OF INTERATRIAL SEPTUM IN TWO CASES OF LUNG CANCER PATIENT

Koji Kuroda, Y. Chikaishi, F. Tanaka
Kitakyushu/JP

10:30 V-041 PLEURECTOMY/DECORTICATION FOR PLEURAL DISSEMINATION OF COLON CANCER

Kazunori Okabe, H. Tao, M. Hayashi, M. Furukawa, D. Murakami, R. Miyazaki, A. Hara
Ube/JP

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TUESDAY 30 MAY 2017

- 10:40** **V-042 BILATERAL PULMONARY SEQUESTRATION WITH BRIDGING ISTHMUS**
Pascal Thomas
Marseille/FR
- 10:50** **V-043 MODIFIED UNIPORTAL THORACOSCOPIC SLEEVE LOBECTOMY OF RIGHT UP LOBE: SINGLE-INTERCOSTAL TWO-PORT APPROACH**
Guofang Zhao, M. Yang, X. Xu, C. Dong, Z. Zeng
Ningbo/CN

25th ESTS MEETING

28 MAY - 31 MAY 2017 INNSBRUCK, AUSTRIA



10:00 – 11:00

TUESDAY 30 MAY 2017

THE ROLE OF THORACIC SURGERY IN THE AGE OF IMMUNOTHERAPY FOR LUNG CANCER

ROOM: INNSBRUCK

Organisers: Isabelle Opitz, *Zurich/CH*, Silvia Novello, *Torino/IT*

- 10:00 **HOW CANCER AND IMMUNOSYSTEM TALK WITH EACH OTHER: THE BACKGROUND OF IMMUNO-ONCOLOGY**
David Carbone
Columbus/US
- 10:10 **STATE OF THE ART: WHERE WE ARE FOR STAGE IV NON-SMALL CELL LUNG CANCER (NSCLC)**
Silvia Novello
Torino/IT
- 10:20 **THE IMPORTANCE OF BIOMARKERS FOR PREDICTION**
Lukas Bubendorf
Basel/CH
- 10:30 **EXPLORING NEW SETTINGS FOR IMMUNOTHERAPY**
Rolf Stahel
Zurich/CH
- 10:40 **CROSSTALK BETWEEN IMMUNOTHERAPY AND SURGERY FOR THORACIC MALIGNANCIES**
Walter Weder
Zurich/CH
- 10:50 **DISCUSSION**
- 11:00 **ADJOURN**

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11:00 - 12:00

TUESDAY 30 MAY 2017

SESSION VIII: ESOPHAGUS/MEDIASTINUM

Award: Free registration 2018 ESTS Annual Meeting in Ljubljana/SI offered by MEDTRONIC

Forum session (7' presentation + 3' discussion)

Chairmen: Xavier Benoit D'Journo, *Marseille/FR* - Meinoshin Okumura, *Osaka/JP*

ROOM: TIROL

11:00 F-044 DETECTION OF TUMOR-SPECIFIC MUTATIONS IN PLASMA DEOXYRIBONUCLEIC ACID (DNA): A POTENTIAL ESOPHAGEAL ADENOCARCINOMA BIOMARKER

Matthew Egyud¹, J. Jackson¹, E. Yamada¹, A. Ståhlberg², S. Filges², P. Krzyzanowski³, G. Nielsen⁴, M. Tejani⁴, Z. Zhou⁴, A. Pennathur⁵, J. Luketich⁵, V. Litle¹, L. Stein³, T. Godfrey¹
¹*Boston/US*, ²*Gothenburg/SE*, ³*Toronto/CA*, ⁴*Rochester/US*, ⁵*Pittsburgh/US*

11:10 F-045 MANAGEMENT OF THYMIC NEUROENDOCRINE TUMORS: A MULTICENTRE EXPERIENCE

Pier Luigi Filosso¹, F. Guerrero¹, D. Van Raemdonck², N.M. Novoa³, P. Thomas⁴, B. Louie⁵, F. Venuta⁶, E.A. Rendina⁶, P. Marinus⁷, M. Lucchi⁸, M. Cattoni⁹, G. Marulli¹⁰, F. Rea¹⁰
¹*Torino/IT*, ²*Leuven/BE*, ³*Salamanca/ES*, ⁴*Marseille/FR*, ⁵*Seattle/US*, ⁶*Rome/IT*, ⁷*Amsterdam/NL*, ⁸*Pisa/IT*, ⁹*Varese/IT*, ¹⁰*Padova/IT*

11:20 F-046 MEDIASTINOSCOPY FOR MEDIASTINAL STAGING OF NON-SMALL CELL LUNG CANCER; SURGICAL PERFORMANCE ACCORDING TO CURRENT GUIDELINES IN THE NETHERLANDS

Fieke Hoeijmakers¹, D. Heineman², N. Beck¹, J. Klamer¹, M. Wouters², W. Schreurs³
¹*Leiden/NL*, ²*Amsterdam/NL*, ³*Alkmaar/NL*

11:30 F-047 CLINICAL T1N0 ESOPHAGEAL CANCER: PATTERNS OF CARE AND OUTCOMES OVER 25 YEARS

M. Kamel, B. Stiles, M. Rahouma, A. Nasar, A. Nguyen, S. Harrison, Benjamin Lee, J. Port, N. Altorki
New York/US

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- 11:40** **F-048 A PHASE III CLINICAL TRIAL OF NEOADJUVANT CHEMORADIOTHERAPY FOLLOWED BY SURGERY VERSUS SURGERY ALONE FOR LOCALLY ADVANCED SQUAMOUS CELL CARCINOMA OF THE ESOPHAGUS (NEOCRTEC5010)**
J. Fu¹, M. Liu¹, Y. Chen², Z. Chen⁴, C. Zhu⁵, H. Yang³, V. Fang⁴, J. Wang⁴, Z. Yu⁵, Q. Pang⁵, W. Mao⁶, X. Zheng⁶, J. Xiang⁴, H. Yang⁴, Y. Han⁷, Hong Yang¹
¹Guangzhou/CN, ²Shantou/CN, ³Taizhou/CN, ⁴Shanghai/CN, ⁵Tianjin/CN, ⁶Hanzhou/CN, ⁷Chengdu/CN
- 11:50** **F-049 OUTCOMES OF MODIFIED ENHANCED RECOVERY AFTER SURGERY (M-ERAS) PROTOCOLS FOR THE PATIENTS UNDERGOING MINIMALLY INVASIVE ESOPHAGECTOMY**
Bin Zheng, S. Zhang, T. Zeng, W. Zheng, C. Chen
Fuzhou/CN

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TUESDAY 30 MAY 2017

11:00 – 12:00

**ESTS – INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER
(IASLC) JOINT SESSION
CENTRALLY LOCATED NON-SMALL CELL LUNG CANCER (NSCLC)**

Organisers: Paul De Leyn, *Leuven/BE*, ~~Hisao Asamura, *Tokyo/JP*~~, Ramon Rami Porta, *Barcelona/ES*

ROOM: INNSBRUCK

11:00 **INTRODUCTION**

Paul De Leyn
Leuven/BE

11:15 **DEFINITION, DIAGNOSIS AND NODAL STAGING**

Christophe Doms
Leuven/BE

11:30 **SLEEVE RESECTION FOR CENTRALLY LOCATED
TUMORS. TECHNICAL ISSUES.**

Shun-Ichi Watanabe
Tokyo/JP

11:45 **SURGICAL MULTIMODALITY TREATMENT FOR
CENTRALLY LOCATED TUMORS**

Clemens Aigner
Essen/DE

12:00 **ADJOURN**

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12:00 **EXTRAORDINARY GUEST LECTURE: “IN THE DEATH ZONE - FIRST ASCENT OF THE MOUNT EVEREST WITHOUT OXYGEN SUPPLY 1978”**

Peter Habeler
Mayrhofen, Tirol/AT

12:20 **LECTURE IN MEMORY OF PROFESSOR GRIFFITH PEARSON**

Shaf Keshavjee
Toronto/CA

12:30 - 13:30

SESSION IX: INTERESTING CASES

Award: ESTS Medtronic Prize (Free Skill Track Course registration) for the best interactive case presentation

Format: 5' presentation + 5' discussion

Chairmen: Shaf Keshavjee, *Toronto/CA* - Michael Mueller, *Vienna/AT*

ROOM: TIROL

12:30 **F-050 PLATELET DISORDER AFTER EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) BRIDGING TO LUNG TRANSPLANTATION: ETIOLOGY AND BEST TREATMENT**

Carlson Aruldas, M. Schuurmans, R. Scheuepbach, B. Grande, I. Opitz, W. Weder, I. Inci
Zurich/CH

12:40 **F-051 PULMONARY VASCULAR COMPLICATION AFTER FIBROSING MEDIASTINITIS: WHAT IS THE BEST APPROACH?**

Berk Cimenoglu, B. Ozkan, S. Duman, O. Sayin, M. Basaran, A. Toker
Istanbul/TR

12:50 **F-052 SYNCHRONOUS MULTIPLE PRIMARY LUNG TUMORS IN A GENETIC FAMILIAR SYNDROME: HOW TO APPROACH?**

Jozsef Furak¹, T. Geczi¹, K. Polyak², L. Kovacs¹, L. Tiszlavicz¹, A. Ottlakan¹, B. Pecszy¹, A. Maráz¹
¹*Szeged/HU*, ²*Cambridge/US*

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- 13:00** **F-053 WHAT CAN TECHNOLOGY DO FOR CHEST WALL RECONSTRUCTION? A NOVEL TECHNIQUE FOR STERNAL REPLACEMENT**
Nicola Oswald¹, E. Senanayake¹, A. Aliverti², B. Naidu¹, H. Khalil¹, E. Bishay¹
¹Birmingham/UK, ²Milan/IT
- 13:10** **F-054 HEMOPTYSIS AFTER RADIOFREQUENCY LUNG ABLATION: MINOR OR MAJOR TREATMENT?**
Nikolaos Papakonstantinou, C. Zisis, D. Rontogianni, G. Stratakos
Athens/GR
- 13:20** **F-055 AN UNUSUAL CAUSE OF CARINAL STENOSIS: WHAT TO DO?**
Thomas Schweiger¹, K. Hoetzenecker¹, H. Prosch¹, T. Stork¹, M. Hackl², B. Oszvath¹, G. Lang¹, W. Klepetko¹
¹Vienna/AT, ²Natters/AT

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TUESDAY 30 MAY 2017

12:30 - 13:30

SESSION X: MODERATED POSTERS

Award: Greek Pioneers Prize 500 euros for the best moderated poster

Format: 3' presentation + 2' discussion

Chairmen: Kalliopi Athanassiadi, *Athens/GR* - Florian Augustin, *Innsbruck/AT*

ROOM: BRUSSEL

- 12:30 P-089 MANUAL VERSUS DIGITAL ASPIRATION FOR FIRST-LINE TREATMENT OF PRIMARY SPONTANEOUS PNEUMOTHORAX: THE AMVADI STUDY, A RANDOMISED CLINICAL TRIAL**
Borja Aguinagalde, J. Zabaleta, I. Lopez, J.M. Izquierdo, J.A. Redin, D. Lopez, A. Fernandez-Monge, J.I. Emparanza
Donostia/ES
- 12:35 P-090 LEARNING CURVE OF VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) LOBECTOMY: THE NATIONAL VATS REGISTER EVALUATION**
Duilio Divisi¹, L. Bertolaccini², D. Argnani², G. Zaccagna¹, R. Crisci¹, P. Solli²
¹*Teramo/IT*, ²*Forli/IT*
- 12:40 P-091 IMMEDIATE EFFECTS OF SYSTEMIC ADMINISTRATION OF HIGH-OXYGEN-AFFINITY HEMOGLOBIN VESICLES IN A RAT PNEUMONECTOMY MODEL**
Ryo Hashimoto¹, M. Kohno¹, M. Watanabe², H. Horinouchi³, H. Sakai⁴, K. Kobayashi², M. Iwazaki¹
¹*Kanagawa/JP*, ²*Tokyo/JP*, ³*Saitama/JP*, ⁴*Nara/JP*
- 12:45 P-092 THE INFLUENCE OF ANASTOMOSIS ON THE BLOOD SUPPLY OF GASTRIC TUBE - RESULTS FROM ANIMAL EXPERIMENT AND CLINICAL CASE-CONTROL STUDY**
Yang Hu, X. Zhang, G. Che
Chengdu/CN

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- 12:50** **P-093 TRANSITION OF NEUTROPHIL-LYMPHOCYTE RATIO CAN PREDICT LUNG CANCER RECURRENCE AFTER SURGERY**
Hiroyuki Ishikawa
Kobe City/JP
- 12:55** **P-094 PROPENSITY SCORE MATCHING ANALYSIS OF SEGMENTECTOMY COMPARED WITH LOBECTOMY FOR CLINICAL STAGE I LUNG CANCER WITH PURE SOLID TUMOR**
Hisashi Iwata, K. Shirahashi, H. Yamamoto, M. Matsumoto, Y. Miyamoto, K. Doi
Gifu/JP
- 13:00** **P-095 PROLONGED ANTIBIOTIC PROPHYLAXIS REDUCES PERIOPERATIVE RESPIRATORY COMPLICATIONS RATE AFTER CURATIVE RESECTIONS DUE TO LUNG CANCER**
Tomasz Marjanski, R. Dziedzic, M. Ostrowski, A. Sledzinska, W. Rzyman
Gdansk/PL
- 13:05** **P-096 RISK-ADJUSTED COMPARISON OF PERFORMANCE BETWEEN THREE ACADEMIC THORACIC SURGERY UNITS USING THE EUROLUNG RISK MODELS**
Cecilia Pompili¹, Y. Shargall², H. Decaluwe³, J. Moons³, M. Chari², A. Brunelli¹
¹*Leeds/UK*, ²*Hamilton/CA*, ³*Leuven/BE*
- 13:10** **P-097 PREOPERATIVE EVALUATION FOR LUNG RESECTION IN BRONCHIECTASIS PATIENTS: SHOULD WE RELY UPON STANDARD PREDICTED POSTOPERATIVE VALUES?**
C. Vallilo, A. Albuquerque, M. Salge, A. Mariani, M. Augusto, M. Suesada, P. Pego-Fernandes, Ricardo Terra
Sao Paulo/BR
- 13:15** **P-098 VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) NEAR-INFRARED FLUORESCENCE-GUIDED SURGICAL INTERVENTION OF POSTOPERATIVE CHYLOTHORAX**
Feng Yang, J. Zhou
Beijing/CN

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13:20

P-161 A PROPENSITY-ADJUSTED COST AND OUTCOME COMPARISON OF PER-ORAL ENDOSCOPIC MYOTOMY TO LAPAROSCOPIC HELLER MYOTOMY

A. Wirsching, S. Kaplan, A. Ross, R. El-Moslimany, Donald Low
Seattle/US

13:25

P-100 THE APPLICATION OF NEAR-INFRARED FLUORESCENT THORACOSCOPY IN VIDEO-ASSISTED THORACIC SURGERY (VATS) POSTERIOR MEDIASTINAL TUMOR RESECTION

Jian Zhou, F. Yang, H. Li, R. Xiao, F. Yang
Beijing/CN

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13:30 - 15:00

TUESDAY 30 MAY 2017

SESSION XI: PULMONARY NEOPLASTIC I

Award: ESTS - American Association for Thoracic Surgery (AATS) Graham Foundation Excellence Award – 2000 EUR for the best presentation in the session Pulmonary Neoplastic I

Oral session (8' presentation + 7' discussion)

Chairmen: Walter Weder, *Zurich/CH* - Ramon Rami Porta, *Barcelona/ES*

ROOM: TIROL

13:30 O-056 A LUNG CANCER SURGERY RISK MODEL OF 78,594 CASES FROM 2014 TO 2015 IN A JAPANESE NATIONWIDE WEB-BASED DATABASE

Shunsuke Endo¹, N. Ikeda², T. Kondo³, J. Nakajima², H. Kondo², K. Yokoi⁴, M. Chida¹, S. Toyooka⁵, M. Sato⁶, Y. Sato⁷, Y. Okada³, K. Yoshida², M. Okada⁸, M. Okumura⁹, K. Chihara¹⁰, H. Miyata²
¹Tochigi/JP, ²Tokyo/JP, ³Miyagi/JP, ⁴Aichi/JP, ⁵Okayama/JP, ⁶Kagoshima/JP, ⁷Ibaraki/JP, ⁸Hiroshima/JP, ⁹Osaka/JP, ¹⁰Shizuoka/JP

13:45 O-057 TRAINED DOGS CAN DISCRIMINATE LUNG CANCER IN EXHALED AIR

Angela Guirao Montes, L. Molins, Á. Agustí Garcia-Navarro, J.J. Fibla, J. Hernandez, R.M. Marrades, I. Ramon, G. Sunyer, N. Viñolas
Barcelona/ES

14:00 O-058 CLINICAL IMPACT OF CIRCULATING TUMOR CELL IN METASTATIC COLORECTAL CANCER PATIENTS WHO UNDERWENT PULMONARY METASTASECTOMY

Masaki Hashimoto¹, F. Tanaka², K. Yoneda², Y. Okumura³, T. Takuwa¹, N. Kondo¹, S. Hasegawa¹
¹Nishinomiya/JP, ²Kitakyushu/JP, ³Itami/JP

14:15 O-059 SURVIVAL IS NOT COMPROMISED IN PATIENTS WITH INVASIVE ADENOCARCINOMA FOUND IN GROUND GLASS LESIONS RECEIVING SUBLOBAR RESECTION DUE TO INTRA-OPERATIVE FROZEN SECTION AMBIGUITY: A PROPENSITY SCORE MATCHED ANALYSIS

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Luis Hernandez-Arenas, Y. Zhou, G. Jiang
Shanghai/CN

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14:30

O-060 PULMONARY SARCOMATOID CARCINOMA (PSC): AN ANALYSIS OF A RARE CANCER FROM THE SURVEILLANCE, EPIDEMIOLOGY AND END RESULTS (SEER) DATABASE

M. Rahouma, M. Kamel, N. Narula, A. Nasar, S. Harrison, Benjamin Lee, B. Stiles, N. Altorki, J. Port
New York/US

14:45

O-061 NOMOGRAM PREDICTS OVERALL SURVIVAL FOR PATIENTS WITH NON-SMALL CELL LUNG CANCER INCORPORATING PRETREATMENT PERIPHERAL BLOOD MARKERS

Dong Xie¹, M. Allen², R. Marks², G. Jiang¹, Z. Sun², F. Nichols², M. Zhang², M. Aubry², A. Jatoi², Y. Garces², A. Mansfield², D. Wigle², J. Molina², C. Deschamps², P. Yang²
¹*Shanghai/CN*, ²*Rochester/US*

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TUESDAY 30 MAY 2017

13:30 – 15:00

ESTS – SOCIETY OF THORACIC SURGEONS (STS) JOINT SESSION MANAGEMENT OF AIRWAY PATHOLOGY

Organisers: Michael Weyant, *Denver/US*, Douglas Wood, *Seattle/US*

ROOM: INNSBRUCK

- 13:30 **TRACHEAL RESECTION AND RECONSTRUCTION**
Douglas Wood
Seattle/US
- 13:45 **DIAGNOSIS AND MANAGEMENT OF TRACHEOBRONCHIAL
MALACIA**
John D. Mitchell
Denver/US
- 14:00 **TRACHEAL REPLACEMENT THERAPY – WHERE ARE WE?**
Dirk Van Raemdonck
Leuven/BE
- 14:15 **MANAGEMENT OF PRIMARY TRACHEOBRONCHIAL
TUMOURS**
Michael J Weyant
Denver/US
- 14:30 **SURGICAL TECHNIQUES OF BRONCHIAL SLEEVE AND
CARINAL RESECTIONS**
Erino Rendina/Claudio Andreotti
Rome/IT
- 14:45 **THERAPEUTIC BRONCHOSCOPY FOR CENTRAL AIRWAY
OBSTRUCTION**
Douglas Wood
Seattle/US
- 15:00 **ADJOURN**

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15:00 COFFEE BREAK

TUESDAY 30 MAY 2017

15:30 - 16:30

SESSION XII: MIXED THORACIC II

Forum session (7' presentation + 3' discussion)

Chairmen: Oleg Pikin, *Moscow/RU* - Willem Hans Steup, *Amsterdam/NL*

ROOM: TIROL

- 15:30 F-062 SLIDE TRACHEOPLASTY FOR TRACHEAL STENOSIS IN CHILDREN: EXPERIENCE FROM 20 YEARS IN A NATIONAL REFERRAL CENTRE**
Nizar Asadi, C. Butler, D. McIntyre, N. McIntosh, D. Roebuck, C. McLaren, C. Wallis, N. Muthialu, R. Hewitt, M. Elliott
London/UK
- 15:40 F-063 EXTENDED SLEEVE LOBECTOMY FOR CENTRALLY LOCATED NON-SMALL CELL LUNG CANCER (NSCLC) : A 20-YEAR SINGLE CENTER EXPERIENCE**
Tae Hee Hong, J.H. Cho, S.M. Shin, H.K. Kim, Y.S. Choi, J.I. Zo, Y.M. Shim, J. Kim
Seoul/KR
- 15:50 ~~WITHDRAWN – F-064 SURFACTANT PROTEIN-D: A SENSITIVE PREDICTOR FOR EFFICIENCY OF PREOPERATIVE PULMONARY REHABILITATION~~**
G. Che, Yutian Lai
Chengdu/CN
- 16:00 F-065 IS CLINICAL T1mi USEFUL? - VALIDATION OF 8TH TNM CLASSIFICATION FOR LUNG CANCER**
Takeshi Matsunaga, K. Suzuki, A. Hattori, K. Takamochi, S. Oh
Tokyo/JP

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- 16:10** **F-066 BLOOD AND LYMPHATIC VESSELS CONSTITUTE AN ESSENTIAL COMPONENT OF THE IMMUNE MICROENVIRONMENT AND ITS IMPACT ON NON SMALL CELL LUNG CANCER (NSCLC) CLINICAL OUTCOME**
Federico Quaini¹, G. Armani¹, D. Madeddu¹, G. Mazzaschi¹, G. Bocchialini¹, F. Sogni¹, C. Frati¹, K. Urbanek², B. Lorusso¹, A. Falco¹, C.A. Lagrasta¹, E. Quaini³, P. Carbognani¹, L. Ampollini¹
¹Parma/IT, ²Naples/IT, ³Milan/IT
- 16:20** **F-067 PULSATIONS OF ARTERIES CAN BE FELT THROUGH THE FIRST ENDOSCOPIC GRASPERS WITH REALTIME HAPTIC FEEDBACK**
Michel Vleugels, C. Alleblas, B. Nieboer
Malden/NL

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15:30 - 16:30

SESSION XIII: PULMONARY NEOPLASTIC II

Forum session (7' presentation + 3' discussion)

Chairmen: Eric Vallieres, *Seattle/US* - Tomasz Grodzki, *Szczecin/PL*

ROOM: INNSBRUCK

- 15:30 ~~F-068 SEVEN-DAY INTENSIVE PREOPERATIVE REHABILITATION FOR ELDERLY PATIENTS WITH LUNG CANCER: A RANDOMIZED CONTROLLED TRIAL~~
Guowei Che
Chengdu/CN
- F-068 (ex-P-099) PREDICTION OF LYMPH NODE METASTASIS IN CLINICAL STAGE I ADENOCARCINOMA OF THE LUNG
Masaya Yotsukura, T. Ohtsuka, K. Kaseda, K. Masai, T. Hishida, Y. Hayashi, H. Asamura
Tokyo/JP
- 15:40 F-069 CLINICAL AND RADIOLOGICAL CHARACTERISTICS TO PREDICT MALIGNANCY OF MULTIPLE PULMONARY NODULES FOR PATIENTS UNDERGOING LUNG RESECTION
Kezhong Chen, H. Xing, F. Yang, X. Wang, J. Wang
Beijing/CN
- 15:50 F-070 SURGICAL INTERVENTION FOR GROUND GLASS DOMINANT LESIONS: WATCHING OR SURGERY OUTRIGHT?
Mariko Fukui, K. Suzuki, T. Matsunaga, K. Takamochi, S. Oh
Tokyo/JP

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- 16:00** **F-071 THE USEFULNESS OF PERCUTANEOUS LIPIODOL MARKING FOR LUNG RESECTION: EXPERIENCE WITH 594 MARKINGS IN 354 OPERATIONS**
Daishiro Kato¹, J. Shimada¹, M. Simomura¹, K. Terauchi⁴, H. Tunesuka¹, S. Okada¹, T. Furuya¹, M. Inoue¹
¹Kyoto/JP, ²Nara/JP
- 16:10** **F-072 PROGNOSTIC IMPACT OF PATHOLOGIC MICROSCOPIC LYMPHOVASCULAR INVASION IN COMPLETELY RESECTED EARLY STAGE NON-SMALL CELL LUNG CANCER (NSCLC): IMPLICATION TO THE T DESCRIPTOR**
Sumin Shin, Y.S. Choi, J.H. Cho, H.K. Kim, J. Kim, J.I. Zo, Y.M. Shim
Seoul/KR
- 16:20** **F-073 CONCOMITANT MUTATIONS OF DRIVER GENES IN NON-SMALL CELL LUNG CANCER: PREVALENCE AND CLINICAL RELEVANCE**
Yang Yang¹, W. Yin¹, A. Sihoe², G. Jiang¹
¹Shanghai/CN, ²Hong Kong/CN

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16:30 - 17:30

TUESDAY 30 MAY 2017

SESSION XIV: MIXED THORACIC III

Forum session (7' presentation + 3' discussion)

Chairmen: Marco Scarci, *London/UK* - Semih Halezeroglu, *Istanbul/TR*

ROOM: TIROL

- 16:30 F-074 PECTUS PRESS IN THE NUSS PROCEDURE - A PILOT STUDY**
Jose Ribas Campos¹, M. Tedde¹, A. Yamamura¹, M.C. Luzo¹, M. Scarci²
¹*Sao Paulo/BR*, ²*London/UK*
- 16:40 F-075 THE COST/BENEFIT OF UNIDIRECTIONAL ENDOBRONCHIAL VALVES IMPLANT FOR MANAGEMENT OF PERSISTENT AIR-LEAKS: RESULTS OF A MULTICENTER STUDY**
Alfonso Fiorelli¹, A. D'Andrilli², M. Anile², R. Cascone¹, L. Occhiati¹, D. Diso², F. Cassiano², C. Poggi², M. Ibrahim², G. Cusumano³, A. Terminella³, G. Failla⁴, A. La Sala⁴, M. Bezzi⁵, M. Innocenti⁵, E. Torricelli⁵, F. Venuta², E.A. Rendina², M. Santini¹, C. Andreotti²
¹*Naples/IT*, ²*Rome/IT*, ³*Catania/IT*, ⁴*Palermo/IT*, ⁵*Florence/IT*
- 16:50 F-076 LYMPHATICS-RELATED GENES ARE DOWN-REGULATED AT TRANSCRIPTION LEVEL IN NON-SMALL CELL LUNG CANCER**
Mirosław Kozłowski, O. Kowalczyk, W. Laudanski, W. Niklinska, P. Dziegielewski, G. Lapuc, J. Kisluk, J. Niklinski
Białystok/PL
- 17:00 F-077 ESOPHAGEAL ADENOCARCINOMA HAS A HIGHER RISK OF LYMPH NODE METASTASIS THAN SQUAMOUS CELL CARCINOMA: A PROPENSITY SCORE MATCHED STUDY**
Yidan Lin
Chengdu/CN

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17:10 F-078 RANDOMISED TRIAL TO EVALUATE THE BENEFICIAL EFFECTS OF AN UNSUPERVISED POSTOPERATIVE PHYSICAL TRAINING PROTOCOL AFTER LUNG RESECTION: NEGATIVE RESULTS

Nuria M. Novoa, P. Esteban, N. Hernandez, M.T. Gómez Hernández, G. Varela

Salamanca/ES

17:20 F-079 PERIOPERATIVE AND LONG TERM EFFECTS OF COMPREHENSIVE PULMONARY REHABILITATION ON EXERCISE CAPACITY, POSTOPERATIVE OUTCOME AND QUALITY OF LIFE IN PATIENTS UNDERGOING LUNG RESECTION: A RANDOMISED CONTROLLED TRIAL GRANTED BY THE MINISTRY OF HEALTH

Sara Tenconi, C. Galeone, S. Fugazzaro, C. Rapicetta, R. Piro, D. Formisano

Reggio Emilia/IT

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16:30 – 17:30

TUESDAY 30 MAY 2017

INFECTIOUS THORACIC DISEASES SESSION

Organisers: Ali Zamir Khan, *Gurgaon/IN*, Igor Polyakov, *Krasnodar/RU*

ROOM: INNSBRUCK

- 16:30 **THE ROLE OF THORACIC SURGERY IN
MODERN DAY PULMONARY TUBERCULOSIS**
Dmitry Giller
Moscow/RU
- 16:40 **SURGERY FOR CHEST WALL INFECTIONS
AND SINUSES AND TECHNIQUES OF CLOSURE
OF POST-INFECTIOUS CHEST WALL DEFECTS**
Ali Zamir Khan
Gurgaon/IN
- 16: 50 **SURGERY FOR HYDATID DISEASE OF THE
LUNG: VATS AND OPEN APPROACHES**
Akif Turna
Istanbul/TR
- 17:00 **VATS DECORTICATION FOR PLEURAL
EMPYEMA**
Michael Mueller
Vienna/AT
- 17:10 **MANAGEMENT OF COLD ABSCESS AND
FUNGAL INFECTIONS**
Andrey Akopov
St Petersburg/RU
- 17:20 **THORACOPLASTY: A LOST ART WHICH
NEEDS NOT TO BE FORGOTTEN**
Rajan Santosham
Chennai/IN
- 17:30 **ADJOURN**
- 17:30 **GENERAL ASSEMBLY**

FINAL PROGRAM

WEDNESDAY 31 MAY 2017

25th ESTS MEETING

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WEDNESDAY, 31 MAY 2017

08:30 - 10:00

SESSION XV: VIDEO III

Video session (7' presentation + 3' discussion)

Chairmen: Lanjun Zhang, *Guangzhou/CN* - Rene Petersen, *Copenhagen/DK*

ROOM: TIROL

08:30 V-080 NEW PARIETAL PLEURAL RELEASE TECHNIQUE FOR THE TREATMENT OF SPONTANEOUS PNEUMOTHORAX
Indrek Benno, T. Laisaar
Tartu/EE

08:40 V-081 PERFORMING A THORACOSCOPIC RIGHT UPPER LOBECTOMY AFTER AN INITIAL ANATOMIC PULMONARY RESECTION OF THE LOWER LOBE
Hitoshi Igai, M. Kamiyoshihara, R. Yoshikawa, F. Osawa, N. Kawatani, T. Ibe, K. Shimizu
Maebashi/JP

08:50 V-082 SUPERIOR SULCUS TUMOR RECURRED AFTER DEFINITIVE CHEMORADIOTHERAPY SUCCESSFULLY RESECTED WITH TRANS-MANUBRIAL AND PAULSON APPROACH
Hiroyuki Ito, H. Nakayama, T. Nagashima, J. Samejima, J. Osawa, A. Wada, M. Nito, K. Yamada, T. Yokose
Yokohama/JP

09:00 V-083 VIDEO-ASSISTED THORACIC DUCT LIGATION FOR MASSIVE CERVICAL CHYLE LEAK FOLLOWING THYROIDECTOMY WITH BILATERAL LYMPHADENECTOMY

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Hicham Masmoudi¹, G. Chambon², P. Thomas¹, X.B. D'Journo¹
¹Marseille/FR, ²Nimes/FR

**09:10 V-084 VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS)
RETRIEVAL OF BRONCHIAL FOREIGN BODY**

Navdeep Singh Nanda, B.B. Asaf, A. Kumar
New Delhi/IN

**09:20 V-085 THE REAMER-IRRIGATOR-ASPIRATOR (RIA) TECHNIQUE
FOR MANUBRIO-STERNAL REPAIR**

V. Naruka¹, Marco Nardini², J. Mcvie², J. Dunning²
¹Cambridge/UK, ²Middlesbrough/UK

**09:30 V-086 COMPLICATIONS AFTER SURGICAL TREATMENT FOR
SUBGLOTTIC TRACHEAL STENOSIS**

Joaquín Pac Ferrer, L. Hernández Pérez, R. Rojo Marcos, J.C. Rumbero
Sánchez, N. Uribe-Etxebarria Lugariza-Aresti, U. Jimenez Maestre, M.
Lorenzo Martín, M. Fernando Garay, J. Rosado Rodríguez, C. Loidi López, J.
Casanova Viúdez
Barakaldo/ES

**09:40 V-087 ANATOMICAL PULMONARY SEGMENTECTOMY OF LEFT
DORSOBASAL SEGMENT BY DIVIDING SEGMENTAL PLANE
WITH VIDEO-ASSISTED THORACIC SURGERY**

Yasuji Terada, T. Gomyoda, S. Ota, S. Tamari, T. Yoshimura
Kyoto/JP

**09:50 V-088 RIGHT SLEEVE PNEUMONECTOMY VIA UNIPORTAL
VIDEO ASSISTED THORACOSCOPIC APPROACH**

Chenlu Yang, F. Abu Akar, L. Jiang
Shanghai/CN

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08:30 - 10:00

WEDNESDAY 31 MAY 2017

ESTS-EUROPEAN RESPIRATORY SOCIETY (ERS) JOINT SESSION TRAINING OF EUROPEAN THORACIC SURGEONS IN THE 21ST CENTURY

Chairmen: Dirk Van Raemdonck, *Leuven/BE* - Gilbert Massard, *Strasbourg/FR*

ROOM: BRUSSELS

- 08:30 **WHY WE NEED HARMONIZATION OF TRAINING OVER
THE EUROPEAN SPACE**
Toni Lerut
Leuven/BE
- 08:42 **HOW THE HERMES INITIATIVE MET THE NEEDS!**
Konrad Bloch
Zurich/CH
- 08:54 **DISCUSSION**
- 09:00 **METHODOLOGY OF HERMES TASK FORCE PROJECTS**
Sharon Mitchell
Lausanne/CH
- 09:12 **HERMES TASK FORCE ON THORACIC SURGERY: WHERE
DO WE STAND?**
Gilbert Massard
Strasbourg/FR
- 09:24 **DISCUSSION**
- 09:30 **HARMONIZATION OF TRAINING AND MOBILITY FROM
THE TRAINEES PERSPECTIVE**
Anna Frick
Leuven/BE

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09:42 **TEACHING MANUAL SKILLS TOMORROW**
Lars Konge
Copenhagen/DK

WEDNESDAY 31 MAY 2017

09:54 **DISCUSSION**

10:00 **ADJOURN**

10:00 – 11:30

ESTS – GERMANY-AUSTRIAN-SWITZERLAND (DACH) JOINT SESSION VIDEO-ASSISTED THORACIC SURGERY (VATS) and Beyond

Organisers: Jorg Hutter, *Salzburg/AT*, Thomas Schmid, *Innsbruck/AT*

Chairs: Rolf Inderbitzi, *Bellinzona/CH*, Florian Tomaselli, *Innsbruck/AT*, Gunda Leschber, *Berlin/DE*

ROOM: TIROL

10:00 **VATS: TECHNOLOGY AND NEW DEVICES**
Mahmoud Ismail
Berlin/DE

10:18 **VATS: DEVELOPMENT AND SCIENCE**
Henrik Hansen
Copenhagen/DK

10:36 **VATS: THE JOURNEY TO LESS INVASIVENESS**
Joel Dunning
Middlesbrough/UK

10:54 **THE SHANGHAI EXPERIENCE: MORE THAN JUST HUGE
NUMBERS**
Diego Gonzalez Rivas
La Coruna/ES

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11:12

**FROM VIDEO-ASSISTED THORACIC SURGERY (VATS) TO
ROBOTIC-ASSISTED THORACIC SURGERY (RATS):
PROGRESS OR FASHION?**

Didier Schneiter
Zurich/CH

11:30

ADJOURN

E-POSTERS

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MONDAY, 29 MAY 2017

12:30 - 13:30

E-POSTERS 1

ROOM: E-POSTER AREA

Chairs: Olivia Lauk, *Zurich/CH*, Francesco Guerrera, *Torino/IT*

PC station No. 1

- 12:30** **P-101 BIOCHEMICAL PREDICTION OF EFFICIENCY OPERATION OBLITERATING THE PLEURAL CAVITY IN RECURRENT PNEUMOTHORAX**
K. Gestkov¹, Kristina Piontkovskaya², Y. Chikinev²
¹*Moscow/RU*, ²*Novosibirsk/RU*
- 12:42** **P-102 HARMONIC TECHNOLOGY (ULTRACISION) FOR RESECTING ENDOTRACHEAL SUPRASTOMAL GRANULOMAS: A NEW ENDOSCOPIC TECHNIQUE**
Alfonso Fiorelli, D. Di Natale, M. Pierdiluca, M. Accardo, R. Mastromarino, G. Messina, A. Reginelli, S. Cappabianca, R. Franco, M. Santini
Naples/IT
- 12:54** **P-103 MOVING TOWARDS AN ULTRA-FAST TRACK MINIMALLY INVASIVE LOBECTOMY PATHWAY: A FEASIBILITY ANALYSIS**
Juan Carlos Molina Franjola, T. Dumitra, J. Mouhana, I. Nicolau, D. Mulder, L. Ferri, J. Spicer
Montreal/CA
- 13:06** **P-104 SINGLE-PORT THORACOSCOPIC MINIMALLY INVASIVE ESOPHAGECTOMY FOR ESOPHAGEAL CANCER: BETTER FOR PATIENTS AND MORE COMFORTABLE FOR SURGEONS**
Yong Yuan, L. Liu, L. Chen
Chengdu/CN

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13:18 P-105 SHORT-TERM INPATIENT-BASED HIGH-INTENSIVE PULMONARY REHABILITATION FOR LUNG CANCER PATIENTS: IS IT FEASIBLE AND EFFECTIVE?

Kun Zhou, Y. Lai
Chengdu/CN

PC station No. 2

12:30 P-106 SURVIVAL ANALYSIS IN PATIENTS WITH cSTAGE-I SUSPECTED NON SMALL CELL LUNG CANCER (NSCLC) REFERRED TO SURGERY BUT ALSO CANDIDATE FOR STEREOTACTIC BODY RADIATION THERAPY (SBRT)

Herbert Decaluwe, J. Moons, M. Lambrecht, W. De Wever, J. Coolen, C. Deroose, L. Depypere, D. Van Raemdonck, P. De Leyn, C. Dooms
Leuven/BE

12:42 P-107 PATHOLOGICAL INVASIVE COMPONENT SIZE IS ASSOCIATED WITH LYMPH NODE METASTASIS AND PROGNOSIS IN LUNG ADENOCARCINOMA

Kento Fukumoto, H. Matsui, Y. Taniguchi, T. Saito, Y. Uemura, K. Tsuta, T. Murakawa
Hirakata/JP

12:54 P-108 THE VALUE OF DUAL-ENERGY COMPUTED TOMOGRAPHY (CT) DERIVED IODINE MAPS FOR THE ASSESSMENT OF REGIONAL LUNG PERFUSION IN CHRONIC THROMBOEMBOLIC HYPERTENSION (CTEPH) COMPARED TO LUNG PERFUSION SCINTIGRAPHY (V/Q SCAN) USING COMPUTED TOMOGRAPHIC PULMONARY ANGIOGRAPHY AS A STANDARD OF REFERENCE

M. Eberhard, Isabelle Opitz, M. Zaatar, W. Weder, S. Ulrich, T. Frauenfelder
Zurich/CH



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13:06 P-109 HOW LONG SHOULD WE FOLLOW-UP PATIENTS WITH STAGE I NON-SMALL CELL LUNG CANCER AFTER CURATIVE RESECTION? AN ANALYSIS OF 300 CASES USING FLEXIBLE PARAMETRIC MODELING OF TUMOR RECURRENCE AND MORTALITY RATES
Jörg Lindenmann, N. Fink-Neuboeck, M. Fediuk, E. Gschwandtner, A. Strießnig, P. Swatek, M. Pichler, F. Posch, E. Stacher-Priehse, U. Anegg, A. Maier, F. Smolle-Jüttner
Graz/AT

13:18 P-110 NON-INTUBATED VERSUS INTUBATED VIDEO-ASSISTED THORACOSCOPIC THYMECTOMY FOR MYASTHENIA GRAVIS: IMPACT ON SHORT-TERM PATIENT OUTCOMES
Long Jiang¹, L. Depypere², J. Liu¹, Z. Lan¹, D. Xiao¹, J. Liu¹, H. Yang¹, G. Rocco³, J. He¹
¹Guangzhou/CN, ²Leuven/BE, ³Naples/IT

PC station No. 3

12:30 P-111 HIGHER-THAN-EXPECTED RESIDUAL LUNG VOLUME CHANGES AMONG PATIENTS WHO UNDERWENT ANATOMICAL LUNG RESECTIONS
Nobuyuki Yoshiyasu, F. Kojima, E. Hoshino, Y. Ishikawa, T. Bando
Tokyo/JP

12:42 P-112 NATIONWIDE SURVEY ON THE DEVELOPMENT OF ROBOT-ASSISTED THORACIC SURGERY IN FRANCE
Jean-Marc Baste¹, M. Durand², N. Santelmo³, R. Vidal⁴, H. Portes⁵, M. Grigoriou⁶, C. Pricopi⁶, A. Loundou⁴, C. Doddoli⁴
¹Rouen/FR, ²Antony/FR, ³Strasbourg/FR, ⁴Marseille/FR, ⁵Lille/FR, ⁶Paris/FR

12:54 P-113 THE IMPACT OF EARLY ORAL FEEDING ON HIGH-MOBILITY GROUP BOX CHROMOSOMAL PROTEIN 1 AFTER McKEOWN MINIMALLY INVASIVE ESOPHAGECTOMY FOR CANCER
Yin Li, H. Sun, X. Liu, R. Zhang, Z. Wang, S. Liu, Y. Zheng, X. Chen
Zhengzhou/CN

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13:06 P-114 NODAL STATUS IN PERIPHERAL cT1N0 LUNG CANCER IN THE UICC 8TH STAGING SYSTEM

Yuichi Sakairi, T. Iwata, K. Tanaka, T. Fujiwara, H. Wada, H. Suzuki, T. Nakajima, M. Chiyo, I. Yoshino
Chiba/JP

13:18 P-115 CIRCULATING ENDOMETRIAL CELLS – NEW TOOLS FOR DIAGNOSIS OF PNEUMOTHORAX IN PATIENTS WITH INAPPARENT ENDOMETRIOSIS

V. Bobek¹, I. Kiss¹, V. Maly², R. Lischke¹, Jan Schutzner¹, I. Stanek², K. Kolostova¹
¹Prague/CZ, ²Usti nad Labem/CZ

PC station No. 4

12:30 P-116 DOES THE MODIFIED FRAILTY INDEX SCORE PREDICT OUTCOME IN PATIENTS UNDERGOING VIDEO-ASSISTED THORACIC SURGERY (VATS) PLEURODESIS FOR MALIGNANT PLEURAL EFFUSION?

Aleksander Mani, M. Petko, S. Mitsos, D. Patrini, M. Scarci, N. Panagiotopoulos, D. Lawrence, M. Hayward, R. George
London/UK

12:42 P-117 EXTRA-NODAL EXTENSION IN N1 AND N2 LYMPH NODE REGIONS MAY BE A PREDICTOR OF SURVIVAL IN RESECTED NON-SMALL CELL LUNG CANCER

G. Singh, D. Lambert, J. Vandenberghe, A. Borczuk, Joshua Sonett
New York/US

12:54 P-118 EARLY DETECTION OF NON-SMALL CELL LUNG CANCER THROUGH ESTIMATED GLOMERULAR FILTRATION RATE (EGFR) MUTATION ANALYSIS OF CIRCULATING DNA

Yang Yang¹, A. Sihoe², G. Jiang¹
¹Shanghai/CN, ²Hong Kong/CN

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13:06 P-119 ypT0N+: THE OUTCASTS IN PATHOLOGICAL COMPLETE TUMOR RESPONSE AFTER NEOADJUVANT CHEMORADIATION FOR ESOPHAGEAL CANCER. HOW DO THEY FARE?

Lieven Depypere, G. Vervloet, J. Moons, T. Lerut, H. Van Veer, W. Coosemans, P. Nafteux
Leuven/BE

13:18 P-120 INHIBITION OF CELL-ADHESION PROTEIN DPYSL3 PROMOTES METASTASIS OF LUNG CANCER

Xinnan Xu¹, Y. Yang¹, A. Sihoe², G. Jiang¹
¹Shanghai/CN, ²Hong Kong/CN

PC station No. 5

12:30 P-121 EFFICACY OF LOWER LOBE LUNG VOLUME REDUCTION SURGERY BY VIDEO ASSISTED THORACOSCOPY FOR PATIENTS WITH SEVERE LUNG EMPHYSEMA: A SINGLE CENTER STUDY OF 59 PATIENTS

Ali Akil, J. Reichelt, M. Semik, S. Fischer
Ibbenbueren/DE

12:42 P-122 REAL TIME IMAGING OF THORACIC SYMPATHETIC GANGLIONS USING INDOCYANINE GREEN NEAR-INFRARED FLUORESCENCE

Jian Zhou, F. Yang, H. Li, R. Xiao, F. Yang, W. Jun
Beijing/CN

12:54 P-123 PREDICTIVE FACTORS FOR SURVIVAL IN PULMONARY CARCINOIDS: THE ROLE OF LYMPH-NODE RATIO

Marco Chiappetta¹, G. Leuzzi², D. Forcella¹, I. Sperduti¹, D. Nachira¹, L. Petracca Ciavarella¹, F. Mucilli³, F. Lococo⁴, G. Ratto⁵, P.L. Filosso⁶, L. Spaggiari², F. Facciolo¹, S. Margaritora¹
¹Rome/IT, ²Milan/IT, ³Chieti/IT, ⁴Reggio Emilia/IT, ⁵Genova/IT, ⁶Torino/IT



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13:06 P-125 THREE-DIMENSIONAL (3D) PRINTED MODEL FOR PLANNING ENDOSCOPIC TREATMENT OF UPPER AIR-WAY STENOSIS
Alfonso Fiorelli, A. Reginelli, T. Califano, R. Cascone, M. Pierdiluca, A. Carlucci, A. Maraschi, E. Di Costanzo, S. Cappabianca, R. Grassi, M. Santini
Naples/IT

13:18 P-126 LYMPH-NODE RATIO PREDICTS SURVIVAL IN NON-SMALL-CELL LUNG CANCER: A MULTICENTER ANALYSIS
Marco Chiappetta¹, G. Leuzzi², G. Alessandrini¹, I. Sperduti¹, E. Bria³, F. Mucilli⁴, D. Forcella¹, F. Lococo⁵, P.L. Filosso⁶, G. Ratto⁷, L. Spaggiari², F. Facciolo¹
¹Rome/IT, ²Milan/IT, ³Verona/IT, ⁴Chieti/IT, ⁵Reggio Emilia/IT, ⁶Torino/IT, ⁷Genova/IT

PC station No. 6

12:30 P-127 PLEURAL THICKNESS AFTER INDUCTION CHEMOTHERAPY IS SIGNIFICANTLY CORRELATED WITH PROGNOSIS IN PATIENTS UNDERGOING SURGERY FOR MALIGNANT PLEURAL MESOTHELIOMA
Masaki Hashimoto¹, T. Takuwa¹, A. Kuroda¹, T. Nakamichi¹, S. Matsumoto¹, N. Kondo¹, Y. Okumura², F. Tanaka³, S. Hasegawa¹
¹Nishinomiya/JP, ²Itami/JP, ³Kitakyushu/JP

12:42 P-128 OUTCOMES AND RISK FACTORS IDENTIFICATION IN URGENT LUNG TRANSPLANTATION: A MULTICENTRIC STUDY
Marco Schiavon¹, G. Faggi¹, L. Rosso², L. Luzzi³, G. Marulli¹, G. Di Gregorio¹, D. Gregori¹, M. Nosotti², F. Damarco², D. Bennet³, A. Fossi³, P. Paladini³, L. Santambrogio², F. Rea¹
¹Padova/IT, ²Milan/IT, ³Siena/IT

12:54 P-129 THE ARISING DIAGNOSTIC VALUE OF S100A2 AND S100A6 LEVELS IN NON-SMALL CELL LUNG CANCER PATIENTS
Athanasios Stamatelopoulos, E. Tsiambas, I. Gakidis, C. Chatziantoniou, P. Michos, T. Michos, D. Bouros
Athens/GR

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13:06 P-130 PROGNOSTIC SIGNIFICANCE OF POSTOPERATIVE ADJUVANT CHEMOTHERAPY FOR PATIENTS WITH T1-3N0M0 ESOPHAGEAL SQUAMOUS CELL CARCINOMA

Jun Feng Liu, J.Z. Zhang
Shijiazhuang/CN

13:18 P-131 SERIES OF AUDITS HELP TO ENSURE THE SUSTAINABILITY OF THE BENEFITS OBTAINED AFTER THE IMPLEMENTATION OF ENHANCED RECOVERY AFTER MAJOR THORACIC SURGERY (ERAS)

Laura Socci¹, A. Martin-Ucar², M. Rawashdeh¹, J. Rao¹, J. Edwards¹
¹Sheffield/UK, ²Coventry/UK

PC station No. 7

12:30 P-132 PROGNOSTIC SIGNIFICANCE OF PD-L1 EXPRESSION IN PULMONARY METASTASIS FROM HEAD AND NECK SQUAMOUS CELL CARCINOMA

Satoru Okada, J. Shimada, D. Kato, H. Tsunozuka, T. Furuya, M. Inoue
Kyoto/JP

12:42 P-133 DETAIL MEDICAL INTERVIEW MIGHT FIND RISK FACTORS FOR ATRIAL FIBRILLATION FOLLOWING PULMONARY LOBECTOMY

Hironori Ishibashi, C. Takasaki, S. Kumazawa, A. Ui, M. Kobayashi, K. Okubo
Tokyo/JP

12:54 P-134 SEARCH FOR THE CAUSE OF SPONTANEOUS PNEUMOTHORAX. PHYSICS OF AN UNRESOLVED ENIGMA

Peter Zsoldos¹, S. Gábor², G. Élő¹, T. Molnar¹
¹Győr/HU, ²Pécs/HU

13:06 P-135 “TYPE C” EXTENDED BRONCHOPLASTY FOR LOCALLY-ADVANCED LUNG CANCER

Tomoyuki Hishida, K. Aokage, J. Yoshida, T. Miyoshi, M. Tsuboi
Chiba/JP

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- 13:18** **P-136 ANALYSIS OF CYTOKINES IN EPITHELIAL LINING FLUID SERIALY COLLECTED USING BRONCHOSCOPIC MICROSAMPLING TECHNIQUE IN A CANINE LUNG TRANSPLANT MODEL**
Ryo Hashimoto, M. Kohno, T. Tsuboi, T. Matsuzaki, K. Oiwa, A. Hamamoto, T. Nakagawa, R. Masuda, M. Iwazaki
Kanagawa/JP

PC station No. 8

- 12:30** **P-137 STEM CELL EXTRACELLULAR VESICLES IN LUNG ISCHEMIA REPERFUSION INJURY: A NEW THERAPEUTIC APPROACH?**
Lorenzo Rosso, L. Lazzari, M. Montoli, F. Damarco, M. Barilani, V. Vaira, L. Santambrogio, S. Gatti, S. Ferrero
Milan/IT
- 12:42** **P-138 LEARNING CURVE FOR VIDEO-ASSISTED THORACIC SURGERY SEGMENTECTOMY**
Akira Hamada, K. Nakahashi, H. Watarai, J. Suzuki, H. Kato, H. Oizumi, M. Sadahiro
Yamagata/JP
- 12:54** **P-139 REAL TIME HAPTIC FEEDBACK IN ENDOSCOPIC SURGERY RE-EQUIPS THE SURGEON WITH A SENSE OF TOUCH**
Michel Vleugels, C. Alleblas, B. Nieboer
Malden/NL
- 13:06** **P-140 WHICH IS THE BEST MINIMAL INVASIVE APPROACH FOR THE TREATMENT OF SPONTANEOUS PNEUMOTHORAX? UNIORT, TWO OR THREE PORTS; A PROSPECTIVE RANDOMIZED TRAIL**
Ali C. Kutluk, C.I. Kocaturk, H. Akin, S. Erdogan, S. Bilen, O. Saydam, K. Karapınar, C.B. Sezen
Istanbul/TR

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13:18 P-141 IMPACT OF NARROW GASTRIC CONDUIT ON SHORT-TERM OUTCOME FOLLOWING THORACO-LAPAROSCOPIC ESOPHAGECTOMY

Rong Hua, T. Mao, Z. Li
Shanghai/CN

PC station No. 9

12:30 P-142 PREDICTION OF CLINICAL OUTCOMES IN STAGE I NON-SMALL CELL LUNG CANCER AFTER CURATIVE SURGERY FOCUSING ON THE PREOPERATIVE GLASGOW PROGNOSTIC SCORE AND INFLAMMATORY BIOMARKERS

Jörg Lindenmann, N. Fink-Neuboeck, M. Fediuk, E. Gschwandtner, P. Swatek, A. Strießnig, M. Pichler, F. Posch, E. Stacher-Priehse, U. Anegg, A. Maier, F. Smolle-Jüttner
Graz/AT

12:42 P-143 LONG-TERM OUTCOMES AFTER SURGERY FOR NON-SMALL CELL LUNG CANCER DEPENDING ON FEATURES OF N STAGING

Andrei Petrov, I. Zemtsova, M. Atyukov, P. Yablonskii
St.Petersburg/RU

12:54 P-144 LIMITED RESECTION FOR SMALL-SIZED NON-SMALL CELL LUNG CANCER WITH GROUND GLASS OPACITIES: A JAPAN NORTH-EAST THORACIC SURGICAL STUDY GROUP (JNETS) PHASE II STUDY

Hirohisa Kato, H. Oizumi, M. Sagawa, H. Suzuki, A. Sakurada, M. Chida, H. Uramoto, S. Shiono, J. Abe, T. Hasumi, Y. Nakamura, N. Sato, J. Shibuya, H. Deguchi, H. Oura, Y. Matsumura, M. Minowa, S. Ota, Y. Okada
Yamagata City/JP

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13:06 P-145 INTER-INSTITUTIONAL REPRODUCIBILITY OF NONINTUBATED THORACOSCOPIC SURGERY WITH ADOPTION OF A TECHNICAL EQUIPOISE STRATEGY
E. Pompeo¹, M. Peer², Marina Kolodii², M. Dauri¹, V. Gofman², C. Becucci¹, P. Rogliani¹, N. Nativ²
¹Rome/IT, ²Zerifin/IL

13:18 P-146 THE ABDOMINAL PHASE WITH ROBOTIC ASSISTANCE HAS NO ADVANTAGE ON THE SHORT-TERM OUTCOMES IN ROBOTIC ASSISTED MINIMALLY INVASIVE ESOPHAGECTOMY
X. Zhang, Zhigang Li
Shanghai/CN

PC station No. 10

12:30 P-147 IMPACT OF HUMAN LEUCOCYTE ANTIGEN MISMATCH ON LUNG TRANSPLANT OUTCOME
Yoshito Yamada¹, T. Langner¹, I. Inci¹, C. Benden², M. Schuurmans², W. Weder¹, W. Jungraithmayr¹
Zurich/CH

12:42 P-148 COMPARISON STUDY OF PD-L1 IMMUNOHISTOCHEMISTRY ASSAYS WITH 22C3 AND 28-8 FOR NON-SMALL CELL LUNG CANCERS: HOW CAN THE RESULTS BE TRANSLATED BETWEEN THE TWO?
Tomohito Saito¹, K. Tsuta¹, Y. Kinoshita², H. Ryota¹, N. Miyata¹, Y. Takeyasu¹, K. Fukumoto¹, H. Matsui¹, Y. Taniguchi¹, H. Yanagimoto¹, T. Yokoi¹, T. Kurata¹, T. Murakawa¹
¹Hirakata/JP, ²Moriguchi/JP

12:54 P-149 MANAGEMENT OF PATIENTS WITH BILATERAL VOCAL CORD PARALYSIS FOLLOWING ESOPHAGECTOMY
Hong Kyu Lee, D.W. Yoon, J.H. Cho, H.K. Kim, Y.S. Choi, J.I. Zo, K. Kim, Y.M. Shim
Seoul/KR

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13:06 P-150 RISK FACTORS FOR QUALITY OF LIFE FOLLOWING LUNG RESECTION SURGERY

Nagarjun Konda, A. Kerr, J. Webb, P. Rajesh, R. Steyn, M. Kalkat, E. Bishay, B. Naidu
Birmingham/UK

13:18 P-151 TOTAL PLEURAL COVERING (TPC) FOR DIFFUSED CYSTIC LUNG DISEASES WITH INTRACTABLE RECURRENT PNEUMOTHORAX

Masatoshi Kurihara, T. Mizobuchi
Tokyo/JP

PC station No. 11

12:30 P-152 THE VALUE OF VIDEO-ASSISTED MEDIASTINOSCOPIC LYMPHADENECTOMY (VAMLA) IN CLINICAL STAGE I NON-SMALL CELL LUNG CANCER

Akif Turna, H.V. Kara, B. Kilic, E. Ersen, K. Kaynak
Istanbul/TR

12:42 P-153 PROGNOSTIC IMPACT ON LUNG CANCER SURGERY IN OCTOGENARIAN: JAPANESE MULTICENTER RETROSPECTIVE ANALYSIS

Haruaki Hino¹, T. Nishimura¹, A. Sano², Y. Yoshida³, T. Fukami⁴, Y. Furuhashi¹, M. Tanaka¹, T. Karasaki¹, T. Takahashi¹, M. Kawashima¹, H. Kuwano¹, K. Nagayama¹, J. Nitadori¹, M. Anraku¹, M. Sato¹, J. Nakajima¹
¹Tokyo/JP, ²Chigasaki/JP, ³Asahi/JP, ⁴Kiyose/JP

12:54 P-154 INDOCYANINE GREEN FLUORESCENCE NAVIGATION THORACOSCOPIC METASTASECTOMY FOR DIFFERENT PULMONARY METASTASIS TUMORS

Jian Zhou, F. Yang, H. Li, R. Xiao, F. Yang, W. Jun
Beijing/CN



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13:06 **P-155 SURGICAL SAMPLING IS AN EMERGING ISSUE IN THE ASSESSMENT OF THE IMMUNE CONTEXTURE IN NON SMALL CELL LUNG CANCER (NSCLC)**
F. Quaini¹, Giovanni Bocchialini¹, G. Mazzaschi¹, D. Madeddu¹, L. Gnetti¹, P. Carbognani¹, E. Quaini², E.M. Silini¹, S. Cavalli¹, L. Ventura¹, L. Ampollini¹
¹Parma/IT, ²Milan/IT

13:18 **P-156 THE USE OF AMPLATZER DEVICE FOR CLOSURE OF POST-PNEUMONECTOMY BRONCHOPLEURAL FISTULA: A SINGLE-CENTRE EXPERIENCE. SOLUTION FOUND?**
Igor Motus, A. Bazhenov, A. Tsvirenko, R. Basyrov
Ekaterinburg/RU

PC station No. 12

12:30 **P-157 LUNG CANCER SURGERY IN WOMEN: DIFFERENTIAL CHARACTERISTICS AND POSTOPERATIVE COMPLICATIONS IN A PROSPECTIVE MULTICENTER STUDY**
Laureano Molins¹, J.J. Fibla¹, C. Izquierdo¹, J. Hernandez¹, D. Sanchez-Lorente¹, A. Guirao Montes¹, G. Sanchez¹, F. Quero², A. Cueto²
¹Barcelona/ES, ²Granada/ES

12:42 **P-158 PROGNOSTIC SIGNIFICANCE OF THE NUMBER OF RESECTED MEDIASTINAL LYMPH NODES IN STAGE IIIA-pN2 NON-SMALL CELL LUNG CANCER**
Lunxu Liu
Chengdu/CN

12:54 **P-159 POROUS ALUMINA CERAMIC STERNUM AS AN OPTION FOR STERNAL REPLACEMENT. A REPORT OF 7 CASES.**
François Bertin, J. Tricard, C. Eveno, E. Denes, A. Piccardo
Limoges/FR



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13:06 P-160 PREDICTION OF LESS INVASIVE LESIONS WITH POSITRON EMISSION TOMOGRAPHY AND HIGH-RESOLUTION COMPUTED TOMOGRAPHY IN PATIENTS WITH PATHOLOGICAL STAGE IA LUNG ADENOCARCINOMA

Yuya Ishikawa, F. Kojima, N. Yoshiyasu, S. Ohde, T. Bando
Tokyo/JP

13:18 P-162 ROBOTIC APPROACH IN THE TREATMENT OF STAGE III LUNG CANCER: A RETROSPECTIVE MULTICENTER ANALYSIS OF PERIOPERATIVE AND ONCOLOGICAL RESULTS

Giulia Veronesi¹, B. Park², R. Cerfolio³, M. Dylewski⁴, A. Toker⁵, W. Hanna⁶, E. Morengi¹, P. Novellis¹, F. Velez-Cubian⁷, E. Dieci¹, M. Montorsi¹, M. Alloisio¹, E. Toloza⁷
¹Rozzano/IT, ²New York/US, ³Birmingham/US, ⁴Miami/US, ⁵Istanbul/TR, ⁶Hamilton/CA, ⁷Tampa/US

PC station No. 13

12:30 P-163 A PRELIMINARY STUDY ON RETROSPECTIVE EVALUATION OF PULMONARY EMBOLISM RISK ASSESSMENT, THROMBOPROPHYLAXIS AND PULMONARY EMBOLISM INCIDENCE AFTER THORACIC SURGERY

Lei Shen
Shanghai/CN

12:42 P-164 THE EVOLUTION OF TUBELESS IN “NON-TUBE NO FASTING” FAST TRACK PROGRAM FOR RESECTABLE ESOPHAGEAL CARCINOMA

Y. Li, Yan Zheng, X. Liu, R. Zhang, H. Sun, Z. Wang, S. Liu
ZhengZhou/CN

12:54 P-165 HEMOTHORAX SECONDARY TO CHEST WALL ARTERIAL LESION. OUR EXPERIENCE WITH TRANSCATHETER ARTERIAL EMBOLIZATION

Nicole Carriel, D. González, R. Guzman, D. Sanchez-Lorente, A. Guirao Montes, M. Boada, J.M. Gimferrer, A. Gómez-Caro, L. Molins
Barcelona/ES



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- 13:06** **P-166 EVALUATION OF THE METABOLIC RESPONSE TO OPEN AND MINIMALLY INVASIVE RESECTION OF ESOPHAGUS.**
Jaroslav Pierog, M. Bielewicz, J. Wojcik, B. Kubisa, K. Kaseja, K. Safranow, B. Dołęgowska, P. Waloszczyk, T. Grodzki
Szczecin/PL
- 13:18** **P-167 THE USE OF EUROLUNG TO EVALUATE AND BENCHMARK ANATOMIC LUNG RESECTIONS OUTCOMES OF BRAZILIAN SOCIETY OF THORACIC SURGERY DATABASE CONTRIBUTORS**
Ricardo Terra¹, M. Salati², A. Brunelli³, G. Fortunato⁴, L. Lauricella¹, D. Pinto-Filho⁵
¹*Sao Paulo/BR*, ²*Ancona/IT*, ³*Leeds/UK*, ⁴*Salvador/BR*, ⁵*Caxias do Sul/BR*

PC station No. 14

- 12:30** **P-168 QUALITY EVALUATION OF PREVIOUS GUIDELINES ABOUT THE MANAGEMENT OF MALIGNANT PLEURAL EFFUSION FROM THE EUROPEAN SOCIETY OF THORACIC SURGEONS (ESTS) PLEURAL DISEASES WORKING GROUP**
Luca Bertolaccini¹, B. Bedetti², K. Marinova³, F. Raveglia⁴, Y. Shargall⁵, P. Solli⁶, A. Brunelli⁷, G. Rocco⁸, K. Papagiannopoulos⁷, J. Kuzdzal⁹, G. Massard¹⁰, E. Ruffini¹¹, P. Falcoz¹⁰, I. Opitz¹², M. Scarci¹³, A. For the Members of the ESTS Pleural Diseases Working Group¹³
¹*Ravenna/IT*, ²*Bonn/DE*, ³*Varna/BG*, ⁴*Milan/IT*, ⁵*Hamilton/CA*, ⁶*Forli/IT*, ⁷*Leeds/UK*, ⁸*Naples/IT*, ⁹*Krakow/PL*, ¹⁰*Strasbourg/FR*, ¹¹*Torino/IT*, ¹²*Zurich/CH*, ¹³*London/UK*
- 12:42** **P-169 INSIGHTS FROM A FAILURE TO RESCUE ANALYSIS AFTER VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) ANATOMIC LUNG RESECTIONS**
Magdalena Sacher, H. Maier, C. Ng, F. Kocher, G. Laimer, P. Lucciarini, T. Schmid, F. Augustin
Innsbruck/AT

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12:54 P-170 RESPIRATORY FAILURE AFTER PNEUMONECTOMY: THE PRICE OF POST-OPERATIVE TRANSFUSIONS
Biniam Kidane¹, Y. Shen², N. Jacob², S. Keshavjee², M. De Perrot², A. Pierre², K. Yasufuku², M. Cypel², T. Waddell², G. Darling²
¹Winnipeg/CA, ²Toronto/CA

13:06 P-172 INTRA-OPERATIVE REMOVAL OF CHEST TUBE IN VIDEO-ASSISTED THORACOSCOPIC PROCEDURES
Moustafa El-Badry, H. Elkhayat, G. A. Makhlof, A. Ghoniem
Assiut/EG

PC station No. 15

12:30 P-173 PERSISTENT AIR LEAK IN THORACIC SURGERY: A NEW POST-OPERATIVE TECHNIQUE TO REDUCE THE PLEURAL SPACE AFTER LUNG RESECTION
Miriam Patella, R. Pini, A. Saporito, R. Inderbitzi, S. Cafarotti
Bellinzona/CH

12:42 P-174 PLEURAL DISEASES WORKING GROUP OF EUROPEAN SOCIETY OF THORACIC SURGEONS (ESTS): UPDATE OF PROJECT AND ONGOING RESULTS
Luca Bertolaccini¹, B. Bedetti², G. Rocco³, A. Brunelli⁴, K. Papagiannopoulos⁴, P. Solli⁵, Y. Shargall⁶, K. Marinova⁷, F. Raveglia⁸, J. Kuzdzal⁹, G. Massard¹⁰, P. Falcoz¹⁰, E. Ruffini¹¹, I. Opitz¹², A. Toker¹³, H. Batirel¹³, M. Scarci¹⁴, A. For the Members of the ESTS Pleural Disease Working Group¹⁵
¹Ravenna/IT, ²Bonn/DE, ³Naples/IT, ⁴Leeds/UK, ⁵Forli/IT, ⁶Hamilton/CA, ⁷Varna/BG, ⁸Milan/IT, ⁹Krakow/PL, ¹⁰Strasbourg/FR, ¹¹Torino/IT, ¹²Zurich/CH, ¹³Istanbul/TR, ¹⁴London/UK

12:54 P-175 INDOCYANINE GREEN FLUORESCENCE-NAVIGATED THORACOSCOPIC SEGMENTECTOMY IN LUNG CANCER PATIENTS
Vadim Pischik, A. Kovalenko
Saint Petersburg/RU

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13:06 P-176 PULMONARY REHABILITATION IMPROVES FUNCTIONAL PARAMETERS BEFORE AND AFTER THORACIC SURGERY
Attila Vagvolgyi, Z. Rozgonyi, M. Kerti, C. Feher, M. Molnar, P. Vadasz, J.T. Varga
Budapest/HU

13:18 P-177 RESCUE TREATMENT WITH IMMEDIATE PHRENIC NERVE RECONSTRUCTION WITH SURAL NERVE GRAFT TRANSPOSITION
Zsolt Sziklavari, K. Sun, A. Sawant, V. Haas
Ansbach/DE

PC station No. 16

12:30 P-178 THE RISK FACTOR OF COMPLICATIONS CAUSED BY MICROCOIL LOCALIZATION OF PULMONARY NODULES
Xizhao Sui, H. Zhao, W. Jun
Beijing/CN

12:42 P-179 ENDOMETRIOSIS-ASSOCIATED PNEUMOTHORAX: UNDERESTIMATED DISEASE
Aleksandr Osbornev, V. Pischik, M. Atyukov, A. Petrov, P. Yablonsky
St-Petersburg/RU

12:54 P-180 VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) THORACOPLASTY IN DRUG-RESISTANT DESTRUCTIVE LUNG TUBERCULOSIS MANAGEMENT
D. Giller, V. Namazova, I. Martel, G. Vishnevskaya, Boris Giller, I. Enilenis
Moscow/RU

13:06 P-181 SURVIVAL FOLLOWING MULTIMODALITY TREATMENT INCLUDING SURGERY FOR LIMITED DISEASE SMALL-CELL LUNG CANCER
Barbara Weckler, N. Baldes, S. Trainer, C. Von Voigt, F. Kirschner, C. Heesen, J. Schirren
Wiesbaden/DE

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13:18 P-182 cN0 SUBMUCOSAL SQUAMOUS CELL ESOPHAGEAL CANCER : IS IT INDICATED FOR ENDOSCOPIC RESECTION?
Bo Ye, Z. Li, X. Zhang
Shanghai/CN

PC station No. 17

12:30 P-183 LONG-TERM AND SURGICAL OUTCOMES OF ENDOSCOPIC SUBMUCOSAL DISSECTION VERSUS MINIMALLY INVASIVE ESOPHAGECTOMY FOR SUPERFICIAL ESOPHAGEAL SQUAMOUS CELL CARCINOMA
Kongjia Luo, H. Shan, Y. Hu, X. Lin, J. Fu
Guangzhou/CN

12:42 P-184 PERSISTENCE OF GENETIC MUTATIONS IN THE NEOSQUAMOUS EPITHELIUM AFTER ABLATION THERAPY FOR BARRETT'S ESOPHAGUS AND ESOPHAGEAL DYSPLASIA
J. Munoz¹, T. Godfrey¹, I. Kalatskaya², W. Jiao², M. O'Brien¹, L. Stein², Virginia Litle¹
¹Boston/US, ²Toronto/CA

12:54 P-185 IS SUBLOBAR RESECTION FOR STAGE I INVASIVE ADENOCARCINOMA (≤2-CM) WITH SOLID HISTOLOGICAL SUBTYPE ENOUGH FOR CURE?
Tsuyoshi Takahashi, J. Nitadori, S. Morita, M. Kawashima, H. Kuwano, K. Nagayama, M. Anraku, A. Shinozaki-Ushiku, M. Sato, M. Fukayama, J. Nakajima
Tokyo/JP

13:06 P-186 H-TYPE TRACHEOESOPHAGEAL FISTULA; A CONGENITAL DEFORMITY FIRSTLY DIAGNOSED 59 YEARS POSTNATALLY
Nikolaos Papakonstantinou, C. Zisis, E. Balis, A. Papanikolaou, D. Bouros
Athens/GR

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13:18

P-187 SUCCESSFUL PERIOPERATIVE MANAGEMENT OF DONOR-ACQUIRED FAT EMBOLISM AFTER DOUBLE LUNG TRANSPLANTATION

Thomas Schweiger, S. Schwarz, A. Benazzo, F. Augustin, G. Lang, W. Klepetko
Vienna/AT

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12:30 - 13:30

E-POSTERS 2

ROOM: E-POSTER AREA

Chairs: Herbert Maier, *Innsbruck/AT*, Florian Augustin, *Innsbruck/AT*

PC station No. 1

- 12:30** **P-188 PATTERNS OF N1 RECURRENCE IN PATIENTS WHO UNDERWENT PLASTIC PROCEDURE FOR LUNG CANCER: BRONCHIAL SLEEVE VERSUS DOUBLE SLEEVE VERSUS PULMONARY ARTERIOPLASTY**
Kenji Suzuki, S. Hirayama, T. Matsunaga, A. Hattori, M. Fukui, K. Takamochi, S. Oh
Tokyo/JP
- 12:42** **P-189 VALIDATION OF A PROGNOSTIC MODEL INCLUDING THE NUMBER OF HARVESTED LYMPH-NODES IN THE SETTING OF NON-SMALL-CELL LUNG CANCER PATIENTS UNDERGOING CURATIVE RESECTION: A MULTICENTER ANALYSIS**
Marco Chiappetta¹, G. Leuzzi², G. Alessandrini¹, I. Sperduti¹, E. Bria³, F. Mucilli⁴, G. Ratto⁵, D. Forcella¹, F. Lococo⁶, P.L. Filosso⁷, L. Spaggiari², F. Facciolo¹
¹Rome/IT, ²Milan/IT, ³Verona/IT, ⁴Chieti/IT, ⁵Genova/IT, ⁶Reggio Emilia/IT, ⁷Torino/IT
- 12:54** **P-190 THE APPLICATION OF NEODYM-YAG LASER ON THE VISCERAL PLEURA IN AN EX-VIVO PORCINE LUNG MODEL**
Christian Biancosino¹, B. Redwan¹, T. Greve¹, S. Schumacher¹, S. Stoerckel¹, M. Eberlein², S. Boelueckbas¹
¹Wuppertal/DE, ²Iowa City/US

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13:06 **P-124 LAPAROSCOPIC TRANSGASTRIC ESOPHAGEAL MUCOSECTOMY (LTEM) IN A PORCINE ANIMAL MODEL**
O. Alsaied, N. Rueth, Rafael Andrade
Minneapolis/US

13:18 **P-191 SURGICAL TREATMENT OF LOCALLY ADVANCED (T4) NON-SMALL CELL LUNG CANCER REQUIRING LEFT ATRIUM RESECTION**
V. Zharkov, Sergey Yeskov
Minsk/BY

PC station No. 2

12:30 **P-192 IMPACT OF PULMONARY VEIN ORIFICE SIZE ON ARTERIAL THOROMBOEMBOLISM FOLLOWING LEFT UPPER LOBECTOMY**
Shuichi Shinohara, T. Yamada, S. Kumata, R. Wakejima, R. Watanabe, T. Matsuoka, S. Nagai, K. Matsuoka, M. Ueda, Y. Miyamoto
Himeji/JP

12:42 **P-193 SUSTAINED PRESERVATION OF PULMONARY FUNCTION AFTER PLEURECTOMY/DECORTICATION: SHOULD IT BE THE MAIN REASON TO PERFORM SURGERY IN MALIGNANT PLEURAL MESOTHELIOMA PATIENTS?**
Simge Ozer, S. Ince, T.S. Koyi, A. Cikmazkara, S.G. Ozeren, H. Batirel
Istanbul/TR

12:54 **P-194 OCCULT N2 DISEASE IDENTIFIED AFTER LUNG CANCER SURGERY HAS A POOR OUTCOME AND IS NOT SIMILAR TO pN0-N1 DISEASE**
Sara Volpi¹, B. Kirmani², T. Win³, G. Aresu¹, A. Peryt¹, A. Coonar¹
¹*Papworth Everard/UK*, ²*Liverpool/UK*, ³*Stevenage/UK*

13:06 **P-195 A STUDY INTO THE EVOLVING CAUSES OF DEATH IN ELECTIVE LUNG RESECTIONS FOR MALIGNANCY**
J. Smelt, M. Al-Sahaf, F. Martin, J. Pilling, T. Routledge, L. Veres, J. King, Andrea Bille, K. Harrison-Phipps
London/UK

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13:18 P-196 MONITORING FOR INTRA-ABDOMINAL HYPERTENSION AFTER DIAPHRAGMATIC REPAIR
Leire Azcarate, H. Raubenheimer, M.E. Cufari, S. Buderer, A. Khan, S. Jordan
London/UK

PC station No. 3

12:30 P-197 VIDEO-THORACOSCOPIC PULMONARY RESECTION AVOIDS DELAY AND INCREASE ADJUVANT CHEMOTHERAPY COMPLIANCE FOR NON-SMALL CELL LUNG CARCINOMA
Cagatay Tezel, A. Öztürk, S. Evman, I. Kolbas, V. Baysungur, H. Kiral, L. Alpay, İ. Yalçinkaya
Istanbul/TR

12:42 P-198 STEREOTACTIC BODY RADIATION THERAPY (SBRT) AS SALVAGE THERAPY FOR OLIGOMETASTATIC PLEURAL MESOTHELIOMA AFTER CURATIVE INTENT MULTI-MODAL THERAPY
Olivia Lauk, M. Guckenberger, R. Stahel, W. Weder, I. Opitz, N. Andratschke
Zurich/CH

12:54 P-199 A NOVEL TECHNIQUE FACILITATING SEGMENTECTOMY IN PATIENTS WITH PULMONARY MALIGNANCIES
Oleg Pikin, A. Amiraliev, A. Ryabov, N. Rubtsova, A. Khalimon, K. Kolbanov, V. Glushko, V. Bagrov, V. Barmin, R. Rudakov, D. Vursol, N. Epifanov
Moscow/RU

13:06 P-200 PEDIATRIC RETRANSPLANTATION: A SINGLE CENTER EXPERIENCE:
Alberto Benazzo, S. Schwarz, K. Hoetzenecker, B. Moser, J. Matilla, G. Lang, S. Taghavi, W. Klepetko
Vienna/AT

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13:18 P-201 PROGNOSTIC SIGNIFICANCE AND ROLE IN TNM STAGE OF TUMOR DEPOSITS IN ESOPHAGEAL CANCER
Qi-xin Shang, L. Chen
Chengdu/CN

PC station No. 4

12:30 P-202 A PRELIMINARY STUDY OF THE ROLE OF QUANTITATIVE INTRAVOXEL INCOHERENT MOTION IN THE PREOPERATIVE DIAGNOSIS OF MEDIASTINAL LYMPHY NODE METASTASIS IN PATIENTS WITH LUNG CANCER
X. Ye, Hui Li, Y. Tian, B. You, S. Chen, W. Zhang
Beijing/CN

12:42 P-203 TEN-YEAR FOLLOW-UP AFTER RESECTION FOR NON SMALL CELL LUNG CANCER (NSCLC): WHAT ACTUALLY HAPPENS TO OUR PATIENTS
Jörg Lindenmann, N. Fink-Neuboeck, C. Porubsky, M. Fediuk, E. Gschwandtner, A. Strießnig, P. Swatek, U. Anegg, A. Maier, J. Smolle, F. Smolle-Jüttner
Graz/AT

12:54 P-204 COMPARISON OF PULMONARY FUNCTION BETWEEN VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) LEFT UPPER DIVISION RESECTION AND VATS LEFT UPPER LOBE LOBECTOMY
Hassan Alqumber, G. Lee, S.M. Shin, Y.M. Shim
Seoul/KR

13:06 P-205 CLINICAL OUTCOMES OF DOUBLE METASTASIS IN LUNG AND LIVER FROM COLORECTAL CANCER
Han Pil Lee, B.K. Chong, K.H. Lee, J.S. Bok, S.H. Choi, H.R. Kim, Y. Kim, S.I. Park, D.K. Kim
Seoul/KR

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- 13:18** **P-206 COMPARISON OF LYMPH NODE SAMPLING VERSUS COMPLETE LYMPHADENECTOMY IN DETECTING NODAL DISEASE IN PATIENTS TREATED WITH VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS) ANATOMICAL LUNG RESECTION FOR CANCER**
*Styliani Maria Kolokotroni, D. Boctor, T. Routledge, L. Veres, A. Bille
London/UK*

PC station No. 5

- 12:30** **P-207 PSYCHOSOCIAL QUESTIONNAIRES: PECTUS PATIENT PERSPECTIVE**
*Lakshmi Srinivasan, L. Kenyon, J. Cahill, A. Regan, B. Naidu
Birmingham/UK*
- 12:42** **P-208 THE CONSOLIDATION VOLUME ANALYSIS USING THREE DIMENSIONAL (3D) COMPUTED TOMOGRAPHY (CT) PREDICTS INVASIVENESS IN LUNG ADENOCARCINOMA \leq 20MM.**
*Yusuke Saeki, Y. Sato, S. Kitazawa, N. Kobayashi, S. Kikuchi, Y. Goto
Tsukuba/JP*
- 12:54** **P-209 ANATOMICAL VATS RESECTION AFTER INDUCTION THERAPY**
*Herbert Maier, F. Augustin, F. Kocher, J. Minar, C. Ng, P. Lucciarini, T. Schmid
Innsbruck/AT*
- 13:06** **P-210 A COMPARISON OF QUANTITATIVE AND VISUAL INSPECTION CRITERIA OF THE FLOW-VOLUME CURVE FOR PREDICTING RECURRENCE AFTER TREATMENT OF TRACHEAL STENOSIS**
*Alfonso Fiorelli¹, D. Loizzi², N. Ardò², D. Di Natale¹, N. Serra¹, F. Sollitto²,
M. Loizzi³, M. Santini¹
¹Naples/IT, ²Foggia/IT, ³Bari/IT*

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13:18 **P-211 RECONSTRUCTION OF THE CHEST WALL WITH BIOLOGICAL MATERIALS**
Volkan Kösek, V. Geleva, M. De Waele, S.L. Milea, A. Ibrahim, K. Wiebe
Muenster/DE

PC station No. 6

12:30 **P-212 INITIAL EXPERIENCE WITH THE ABRAMSON PROCEDURE, A NEW TECHNIQUE FOR TREATMENT OF PECTUS CARINATUM**
Ine Rochus, W. Coosemans, H. Van Veer
Leuven/BE

12:42 **P-213 MORBIDITY AND MORTALITY FOLLOWING CONTROLATERAL ANATOMICAL SURGICAL RESECTION FOR SYNCHRONOUS OR METACHRONOUS LUNG CANCER**
Alex Fourdrain¹, P. Bagan², J. Iquille¹, S. Lafitte¹, F. De Dominicis¹, G. Merlusca¹, A. Witte Pfister¹, P. Berna¹
¹Amiens/FR, ²Argenteuil/FR

12:54 **P-214 OUTCOME OF PATIENTS WITH LUNG RE-TRANSPLANTATION REQUIRING PREOPERATIVE EXTRACORPOREAL MEMBRANE OXYGENATION**
Etienne Abdelnour-Berchtold, M. Gonzalez, J. Bellier, D. Wurlod, H. Ris, L. Piquilloud-Imboden, C. Marcucci, F. Gronchi, L. Nicod, J. Aubert, T. Krueger
Lausanne/CH

13:06 **P-215 COMBINATION OF HEPATIC SURGERY AND MINIMALLY INVASIVE THORACIC SURGERY USING A SUBXIPHOID APPROACH THROUGH AN ABDOMINAL INCISION.**
Mihee Lim, D. Kim
Yangsan/KR

13:18 **P-216 NEW TNM LUNG CANCER STAGING (8TH EDITION): A STEP BEYOND CONTEMPORARY IMAGING ACCURACY?**
David Healy, A. Fabre, M. Murphy
Dublin/IE

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PC station No. 7

- 12:30** **P-217 THE POWER OF SENTINEL NODE IN NON SMALL CELL LUNG CANCER (NSCLC) UNIPOINT VIDEO ASSISTED THORACOSCOPIC SURGERY (VATS)**
Duje Oršulić, I. Šimundža
Split/HR
- 12:42** **P-218 THE OUTCOME OF SLEEVE LOBECTOMY FOR LUNG MALIGNANCIES IN THE ELDERLY**
Takeshi Matsunaga, K. Suzuki, K. Takamochi, S. Oh
Tokyo/JP
- 12:54** **P-219 THE INTRODUCTION OF MULTIDISCIPLINARY TEAM DISCUSSION IMPROVES SURVIVAL FOR LUNG CANCER PATIENTS UNDERGOING SURGERY**
Nicola Tamburini¹, P. Maniscalco¹, S. Mazzara¹, E. Maietti¹, F. Nigim², A. Santini¹, N. Calia¹, A. Stefanelli¹, A. Frassoldati¹, I. Santi¹, R. Rinaldi¹, F. Quarantotto¹, G. Cavallesco¹
¹Ferrara/IT, ²Boston/US
- 13:06** **P-220 MEASURING DIFFUSING CAPACITY (DLCO) ON EXERCISE IN THE IMMEDIATE PERIOD AFTER LUNG RESECTION: A FEASIBILITY ANALYSIS**
Nuria M Novoa, P. Esteban, M.T. Gómez Hernández, M.F. Jimenez, G. Varela
Salamanca/ES
- 13:18** **P-221 RIGHT MIDDLE LOBE ATELECTASISES FOLLOWING COMPLETE VIDEO-ASSISTED THORACOSCOPIC RIGHT UPPER LOBECTOMY**
Ryo Wakejima, T. Yamada, S. Kumata, S. Shinohara, R. Watanabe, T. Matsuoka, S. Nagai, K. Matsuoka, M. Ueda, Y. Miyamoto
Himeji/JP

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PC station No. 8

TUESDAY 30 MAY 2017

- 12:30** **P-222 THE PROGNOSIS OF LUNG ADENOCARCINOMA WITH CLINICAL STAGE0-IA3 IN THE 8TH EDITION OF THE TNM CLASSIFICATION**
Shunki Hirayama, A. Hattori, M. Fukui, T. Matsunaga, K. Takamochi, S. Oh, K. Suzuki
Tokyo/JP
- 12:42** **P-223 ROBOTIC THYMECTOMY FOR MYASTHENIA GRAVIS WITH OR WITHOUT A THYMOMA—SURGICAL AND NEUROLOGICAL OUTCOMES**
B.B. Asaf, Arvind Kumar
New Delhi/IN
- 12:54** **P-224 VIDEO-ASSISTED THORACOSCOPIC SURGERY FOR THYMOMA: SINGLE CENTER EXPERIENCE OF 185 CASES AND LONG TERM FOLLOW UP RESULTS**
Xiao Li
Beijing/CN
- 13:06** **P-225 DOES OXYGEN THERAPY INCREASE THE RESOLUTION RATE OF SMALL PNEUMOTHORAX?**
Si Young Choi, C.B. Park, M.H. Moon, H.W. Jeon, S.W. Song, Y.D. Won, Y.H. Kim, Y.D. Kim, D.G. Cho, S.C. Jeong
Gyeonggi-do/KR
- 13:18** **P-226 IMPACT OF ORIGINAL, MODIFIED AND ADJUSTED GLASGOW PROGNOSTIC SCORE ON SURVIVAL OF PATIENTS WITH COMPLETELY RESECTED NON-SMALL CELL LUNG CANCER**
Tomohito Saito, K. Fukumoto, H. Matsui, Y. Taniguchi, T. Murakawa
Hirakata/JP

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TUESDAY 30 MAY 2017

- 12:30** **P-227 NON-OPERATIVE EXTERNAL FIXATION OF FLAIL CHEST USING VACUUM-ASSISTED THERAPY**
Cristian Paleru, L. Marinescu, V. Popescu
Bucharest/RO
- 12:42** **P-228 transcervical minimal invasive right pulmonary artery ligation: new technique**
Cristian Paleru, C. Bolca, V. Pavaloiu, I. Cordos, V. Popescu
Bucharest/RO
- 12:54** **P-229 OXIDIZED RESORBABLE CELLULOSE (GELITA-CEL) CAUSING FOREIGN BODY REACTION IN MEDIASTINUM: A REPORT OF 16 CASES**
Tamim Haidari, R.H. Petersen, J. Ravn, B.G. Skov
Copenhagen/DK
- 13:06** **P-230 LEFT ATRIAL ANASTOMOSIS DURING BILATERAL LUNG TRANSPLANTATION: A COMPLEX HILUM MADE EASY**
Davide Tosi, A. Cannata, P. Properzi, L. Rosso, A. Palleschi, P. Mendogni, I. Righi, M. Montoli, M. Nosotti, L. Santambrogio
Milan/IT
- 13:18** **P-231 VIDEOMEDIASTINOSCOPIC CLOSURE OF LEFT MAIN BRONCHIAL STUMP FOR POST LEFT PNEUMONECTOMY BRONCHOPLEURAL FISTULA WITH EMPYEMA**
B. Asaf, Arvind Kumar
New Delhi/IN

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- 12:30** **P-232 PLEURAL CARBON DIOXIDE INSUFFLATION DURING THORACOSCOPIC SURGERY HELPS TO OBTAIN CLEAR THORACOSCOPIC ULTRASONOGRAPHY IMAGES OF SMALL LUNG NODULES: REPORT OF TWO CASES.**
Hirofumi Uehara, T. Shirai, A. Yasuda, H. Kondo, T. Nakayama, N. Matsutani, M. Kawamura
Tokyo/JP
- 12:42** **P-233 AUTOLOGOUS PERICARDIUM TO RECONSTRUCT TRACHEOBRONCHIAL AIRWAY IN MALIGNANT DISEASES**
Antonio Francisco Honguero Martinez¹, M.D. Garcia Jimenez¹, C.R. Rodriguez Ortega¹, M. Genoves Crespo¹, C.E. Almonte Garcia¹, M. Lazaro Sahuquillo², P. Leon Atance¹
¹*Albacete/ES*, ²*Alcazar de San Juan/ES*
- 12:54** **P-234 EXTENDED BILATERAL RESECTIONS OVER THREE-QUARTERS OF LUNG TISSUE IN COMPLICATED DESTRUCTIVE PULMONARY EXTENSIVELY DRUG RESISTANT TUBERCULOSIS (XDR TB) TREATMENT**
D. Giller, V. Namazova, Boris Giller, I. Enilenis, G. Shcherbakova
Moscow/RU
- 13:06** **P-235 VENO-VENOUS EXTRACORPOREAL MEMBRANE OXYGENATION (V-V ECMO) AS RESCUE FOR LIFE THREATENING TRACHEAL OBSTRUCTION**
Navdeep Singh Nanda, B.B. Asaf, A. Kumar
New Delhi/IN
- 13:18** **P-236 SECONDARY LINGULAR SLEEVE RESECTION TO AVOID PNEUMONECTOMY FOLLOWING BRONCHIAL ANASTOMOTIC DEHISCENCE AFTER LEFT LOWER LOBE SLEEVE RESECTION FOR DESTROYED LUNG SYNDROME DUE TO ENDOBRONCHIAL PSEUDOTUMOR**
Servet Boeluekbas¹, B. Redwan¹, R. Zanner¹, C. Biancosino¹, M. Eberlein²
¹*Wuppertal/DE*, ²*Iowa City/US*

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- 12:30** **P-237 PERIOPERATIVE SINGLE-SITE VENO-VEINUS EXTRACORPOREAL CARBON DIOXIDE (CO₂) REMOVAL FOR MINIMALLY INVASIVE GIANT BULLA RESECTION**
Servet Boeluekbas¹, B. Redwan¹, C. Biancosino¹, G. Wuebker¹, F. Giebel¹, M. Eberlein²
¹Wuppertal/DE, ²Iowa City/US
- 12:42** **P-238 DEVELOPMENT OF A NOMOGRAM FOR ELDERLY PATIENTS (≥70 YEARS OLD) WITH RESECTED NON-SMALL-CELL LUNG CANCER ACCORDING TO THE EIGHTH EDITION TNM CLASSIFICATION**
Xizhao Sui, Z. Li, C. Haiqing, W. Jun
Beijing/CN
- 12:54** **P-239 DISSEMINATION PATHWAY OF ODONTOGENIC DESCENDING NECROTIC MEDIASTITIS INFLUENCES SURVIVAL AND AGGRESSIVENESS OF SURGICAL APPROACH**
Ioan Petrache, V. Voiculescu, C. Tunea, G. Cozma, I. Miron, M. Butas, O. Burlacu
Timisoara/RO
- 13:06** **P-240 A CASE OF PRIMARY ADENOID CYSTIC CARCINOMA OF TRACHEA: A COMPLEX SURGICAL APPROACH WITH DISTAL TRACHEAL, CARINAL RESECTION, RIGHT UPPER LOBECTOMY AND CARINAL RECONSTRUCTION**
M. Subasi, A. Yazicioglu, A. Gungor, A. Saylan, S. Turkkan, F. Basaran, Erdal Yekeler
Ankara/TR
- 13:18** **P-241 MANAGEMENT OF GORHAM-STOUT DISEASE COMPLICATED BY CHYLOTHORAX, HEMOTHORAX AND CHYLOPERICARDIUM**
Carlos Alberto Araujo, B. Carvalho, I. Carvalho, A. Dantas, J. Silva, E. Jales, J. Dantas
Natal/BR

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TUESDAY 30 MAY 2017

PC station No. 12

- 12:30** **P-242 SUCCESSFUL SURGICAL REMOVAL OF A FOREIGN BODY IN THE PULMONARY ARTERY**
Takashi Sakai, H. Uehara, S. Shirai, R. Kanaoka, T. Nakayama, N. Matsutani, M. Kawamura, H. Kondo
Tokyo/JP
- 12:42** **P-243 PRIMARY CHONDROSARCOMA OF THE TRACHEA WITH EXTENSIVE EXTRALUMINAL GROWTH**
Oleg Pikin, A. Ryabov, N. Volchenko, V. Bagrov, V. Sokolov
Moscow/RU
- 12:54** **P-244 LOCALLY ADVANCED LUNG CANCER WITH INVASION INTO THE LEFT ATRIUM: RESECTION WITH CARDIOPULMONARY BYPASS**
Erin A Gillaspie¹, D. Wigle², S. Said²
¹*Nashville/US*, ²*Rochester/US*
- 13:06** **P-245 PULMONARY VEIN STENOSIS REQUIRING LOBECTOMY AFTER RADIOFREQUENCY CATHETER ABLATION FOR ATRIAL FIBRILATION**
R. Janilionis, Zymantas Jagelavicius, V. Jovaisas
Vilnius/LT
- 13:18** **P-246 A SUGGESTED SURGICAL TREATMENT FOR ATRIO-ESOPHAGEAL FISTULA**
Yubin Zhou, F. Zeng, G. Che
Chengdu/CN

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TUESDAY 30 MAY 2017

- 12:30** **P-247 PREOPERATIVE LOCATION AND RESECTION OF SMALL LUNG NODULES LOCATED BY RADIOTRACER VERSUS HOOKWIRE.**
Irene Bello, A. Jauregui, M. Salcedo, E. Pallisa, L. Romero, I. Navales, D. Varona, M. Deu, M. Simó, L. Sánchez, F. Ascanio, J. Solé
Barcelona/ES
- 12:42** **P-248 HIGH-VOLUME INTENSIVE TRAINING COURSE: A NEW PARADIGM FOR VIDEO-ASSISTED THORACOSCOPIC SURGERY EDUCATION**
Alan Sihoe, T. Young, Y. Zhu, L. Jiang, D. Zhou, G. Jiang, D. Gonzalez Rivas
Shanghai/CN
- 12:54** **P-249 RECENT OUTCOMES OF SURGICAL RESECTION FOLLOWED BY POSTOPERATIVE ADJUVANT THERAPY FOR NON-SMALL CELL LUNG CANCER WITH N2 DISEASE**
Jin San Bok, S.H. Choi
Seoul/KR
- 13:06** **P-250 BRONCHIAL STUMP COVERAGE WITH FREE PERICARDIAL FAT PAD UNDER THORACOSCOPIC SURGERY: EVALUATION OF RESIDUAL VOLUME ON SIX MONTHS AFTER SURGERY**
Takuya Nagashima, H. Ito, M. Nito, A. Wada, M. Hashimoto, J. Osawa, J. Samejima, H. Nakayama
Yokohama/JP
- 13:18** **P-251 TRACHEAL RESECTION WITH CICATRICIAL STENOSIS AND TRACHEOSTOMY**
Vladimir Parshin, O. Mirzoyan, Z. Berikhanov, A. Parshin
Moscow/RU

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TUESDAY 30 MAY 2017

- 12:30** **P-252 INTRAOPERATIVE ELECTROMAGNETIC NAVIGATION BRONCHOSCOPY FOR THORACOSCOPIC RESECTION OF LUNG TUMOR**
Ke-Cheng Chen
Taipei/TW
- 12:42** **P-253 UNIPORTAL VIDEO-ASSISTED THORACIC SURGERY (VATS) LOBECTOMY COMBINED WITH POSTERIOR MIDLINE APPROACH FOR SUPERIOR SULCUS TUMORS INVADING THE SPINE**
A. Bussi eres, Arthur Vieira, D. Kinnear, P. Ugalde Figueroa
Quebec City/CA
- 12:54** **P-254 MULTIMODALITY TREATMENT INCLUDING EXTRAPLEURAL PNEUMONECTOMY FOR MALIGNANT PLEURAL MESOTHELIOMA – IS IT STILL JUSTIFIED?**
Thomas Klikovits, Y. Dong, J. Matilla, S. Taghavi, G. Lang, W. Klepetko, M.A. Hoda
Vienna/AT
- 13:06** **P-255 A FATE OF AN “ISOLATED SEGMENT” FOLLOWING LEFT UPPER SUPERIOR SEGMENTECTOMY**
Yutaro Koike
Tokyo/JP
- 13:18** **P-256 UNIPORTAL VIDEO-ASSISTED THORACOSCOPIC SURGERY WITHOUT ONE-LUNG VENTILATION FOR SYMPATHECTOMY FOR PALMAR HYPERHIDROSIS**
Min Zhang
Chongqing/CN

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- 12:30** **P-257 SURGERY FOR PULMONARY HYDATIDOSIS IN TURKEY IN 2014: A NATIONWIDE STUDY. TURKISH THORACIC SOCIETY, PULMONARY HYDATIDE DISEASE STUDY GROUP**
E. Gulhan¹, A. Kilicgun², O. Samancilar³, T. Altinok⁴, Ali C. Kutluk⁵, V. Baysungur⁵, M.R. Celik⁶, H. Akin⁵, U. Yigit²
¹Ankara/TR, ²Bolu/TR, ³Izmir/TR, ⁴Konya/TR, ⁵Istanbul/TR, ⁶Malatya/TR
- 12:42** **P-258 INTRA OPERATIVE PARAVERTEBRAL ANELGESIA PROTOCOL FOR POST THORACOTOMY PAIN CONTROL**
Mohamad Alamassi
Riyadh/SA
- 12:54** **P-259 VIDEO-ASSISTED THORACOSCOPIC SURGERY: THE TREATMENT OF CHOICE IN OCTOGENARIANS WITH NON-SMALL CELL LUNG CANCER**
D. Detillon, Eelco Veen
Breda/NL
- 13:06** **P-260 THE FUNDAMENTAL STUDY OF SELF-ASSEMBLY MATRIGEL (PURASTATTM) FOR THE PREVENTION OF PULMONARY VESSEL BLEEDING**
Kyoji Hirai¹, S. Takeuchi¹, J. Usuda²
¹Inzai/JP, ²Tokyo/JP
- 13:18** **P-261 LEARNING CURVE FOR ROBOTIC LOBECTOMY – EXPERIENCE OF A HIGH VOLUME THORACIC CENTER**
Danjouma Cheufou Housmanou, I. Kyritsis, A. Topac, A. Slama, D.A. Gafencu, H. Mardanzai, T. Plönes, S. Kampe, C. Aigner
Essen/DE

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- 12:30** **P-262 SLEEVE LOBECTOMY IN PATIENTS WITH N1 NODAL INVOLVEMENT NON-SMALL CELL LUNG CANCER WAS EQUIVALENT TO PNEUMONECTOMY IN PROGNOSIS AND LOCAL CONTROL**
Takeshi Matsunaga, K. Suzuki, K. Takamochi, S. Oh
Tokyo/JP
- 12:42** **P-263 SURGICAL RESOLUTION OF PRIMARY SPONTANEOUS PNEUMOTHORAX. MORBIDITY AND LONG TERM RESULTS**
Francisco Suarez, M. Fica, J. Lobos, R. Villarroel, R. Aparicio, V. Linacre, C. Suarez
Santiago/CL
- 12:54** **P-264 DOES DIAGNOSIS OF SINGLE LEVEL N2 NON SMALL CELL LUNG CANCER (NSCLC) BY ENDOBRONCHIAL ULTRASOUND (EBUS) RESULT IN LESS FREQUENT INCOMPLETE RESECTIONS AFTER INDUCTION THERAPY COMPARED TO MEDIASTINOSCOPY?**
Herbert Decaluwe, B. Weynand, J. Moons, L. Verbrugge, S. Dumont, L. Depypere, D. Van Raemdonck, C. Doods, P. De Leyn
Leuven/BE
- 13:06** **P-265 THE ROLE OF SALVAGE LUNG RESECTION AFTER DEFINITIVE CHEMORADIATION THERAPY FOR STAGE IIIA(N2) NON-SMALL CELL LUNG CANCER**
Akif Turna¹, O. Yaksi², H.V. Kara¹, E. Ersen¹, Z.H. Turna¹, F. Dincbas¹, S. Erturan¹, G. Aydin¹, K. Kaynak¹
¹*Istanbul/TR*, ²*Duzce/TR*
- 13:18** **P-171 ORGANIZATIONAL CLIMATE AND QUALITY OF WORK IN A THORACIC SURGERY UNIT AND OPERATING THEATRE**
Majed Refai, G. Pelusi, M. Tiberi, A. Sabbatini
Ancona/IT

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- 12:30** **P-266 A COMPARATIVE STUDY OF MULTI DETECTOR COMPUTED TOMOGRAPHY (MDCT), MAGNETIC RESONANCE IMAGING (MRI), FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY (FDG-PET) AND DIAGNOSTIC LAPAROSCOPY IN ASSESSING ADENOCARCINOMA OF GASTROESOPHAGEAL JUNCTION**
Sri Rathinam¹, R. Vellaichamy², R. Gunaseelan², K. Devy Gounder², S.M. Chandramohan²
¹Leicester/UK, ²Chennai/IN
- 12:42** **P-267 LONG-TERM PROGNOSIS OF SURGICALLY TREATED SMALL CELL LUNG CARCINOMA**
Tomoki Shibano, S. Endo
Tochigi/JP
- 12:54** **P-268 VALIDATION OF THE 8TH VERSION OF THE INTERNATIONAL MESOTHELIOMA INTEREST GROUP (IMIG) STAGING SYSTEM FOR MALIGNANT PLEURAL MESOTHELIOMA**
Ayumi Kuroda, N. Kondo, A. Fukuda, T. Nakamichi, M. Hashimoto, T. Takuwa, S. Matsumoto, S. Hasegawa
Nishinomiya/JP
- 13:06** **P-269 RETROSPECTIVE ANALYSIS OF PATIENTS UNDERGOING OPERATIVE RESECTION FOR PRIMARY LUNG CANCER WITH SUSPECTED AND UNSUSPECTED N2 DISEASE**
G. Hardman, S. Yoganathan, C. Jeyarajah, Ruchir Mashar, S. Love, K.S. Rammohan
Manchester/UK

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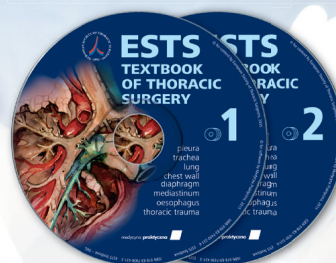
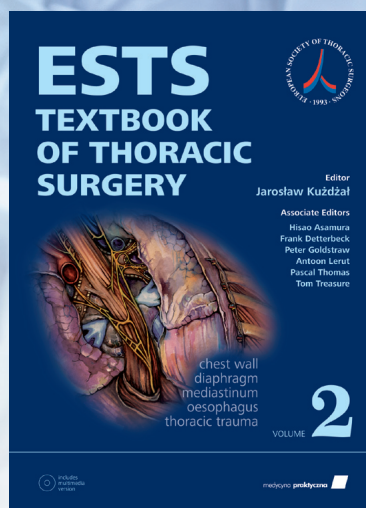
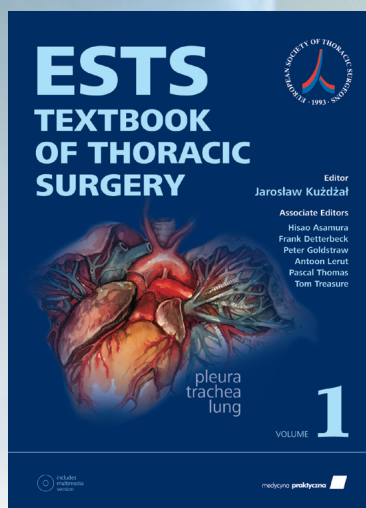
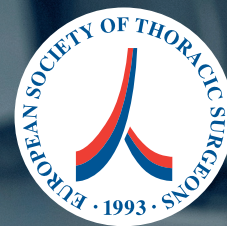
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- 12:30** **P-270 WHICH IS A PROGNOSTIC FACTOR FOR PERIPHERAL PURE SOLID cT1N0 NON-SMALL CELL LUNG TUMOURS, PLEURAL INDENTATION OR ATTACHMENT?**
Hironori Ishibashi, C. Takasaki, S. Kumazawa, A. Ui, M. Kobayashi, K. Okubo
Tokyo/JP
- 12:42** **P-271 COMPLETE RESECTION OF THE PRIMARY LESION FOR STAGE IV NON-SMALL CELL LUNG CANCER**
Yasuhiro Chikaishi, M. Takenaka, K. Kuroda, N. Imanishi, F. Tanaka
Kitakyushu/JP
- 12:54** **P-272 SINGLE-PORT VERSUS MULTI-PORT THORACOSCOPIC LOBECTOMY IN NON SMALL CELL LUNG CANCER: PROPENSITY-SCORE MATCHED ANALYSIS**
K.N. Han, H.K. Kim, Y.H. Choi
Seoul/KR
- 13:06** **P-273 ANGIOGRAPHY BEFORE RESECTION OF POSTERIOR MEDIASTINAL TUMORS: SELECTION CRITERIA, TUMOR EMBOLIZATION AND SPINAL ARTERY COLLATERALS**
Maria Lucia Madariaga, L. Borges, J. Rabinov, M. Lanuti, D. Mathisen, H. Gaissert
Boston/US



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