



32nd ESTS MEETING

26 - 28 MAY 2024 • BARCELONA, SPAIN

“Barcelona 2024 - ESTS, more than a Society!”



EUROPEAN CONFERENCE
ON GENERAL THORACIC SURGERY

ESTS

www.ests.org





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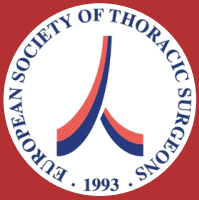
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FIRST SECTION



32nd ESTS MEETING

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WELCOME ADDRESS

Dear Colleagues

The Organizing Committee of the 32nd ESTS Annual Meeting, to be held in Barcelona in May, 2024, welcomes you, after the rewarding experience of the last Annual Meeting in Milan.

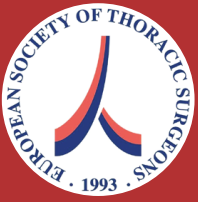
Like in the previous meetings, this 32nd ESTS Annual Meeting will consist of a mixture of oral and video presentations comprising different areas of thoracic surgery and many other selected topics closely related to General Thoracic Surgery, in addition to the classic sessions like Brompton, Young Investigator, extraordinary lectures and others. A great effort is made by the Program Committee to present a program with an outstanding content and particular attention will be given to the discussion time of the topics. The personal relationships are also very important for this exchange of experiences, so we will have several and large spaces to meet together.

We hope you will honor us with your active participation in the 32nd ESTS Annual Meeting. We are looking forward to seeing familiar and new faces among us. We count on you to make the meeting a real educational and scientific success.

“Barcelona 2024 - ESTS, more than a Society!”



Laureano Molins, MD, PhD, FEBTS
Chair, Local Organizing Committee



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WELCOME ADDRESS

Dear Colleagues and Friends!

On behalf of the Board of Directors and the Program Committee, it is a great honor to invite you to the 32nd Conference of ESTS in Barcelona. The Society has worked very hard to provide an exciting opportunity to network and be informed about the newest trends in thoracic surgery.

Today, we live in a revolutionary time of thoracic surgery and lung cancer treatment. During this conference, there will be many presentations and discussions about the hot topics in our daily practice, such as robotic thoracic surgery, the advantage of perioperative immunotherapy, and sublobar resection. New trends in the techniques and background of our practice will be introduced in the Training Village, which is a very popular event among the members every year.

Dear Trainees! If you are at the beginning of your career and interested in clinical studies, you can find many projects to join or get inspiration from the presentations to build your own clinical study.

Dear Experts! As icons, you are responsible for the young generation. Please join the conference as your personality and guidance motivate them.

Dear Colleagues and Friends! With the organization of the Annual Meeting, ESTS makes it possible for you to accomplish our Mission. The Mission is possible; we request you to be a part of that.



Jozsef Furak
President of ESTS



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SYMPOSIUM FOR NURSES AND ALLIED HEALTH PROFESSIONALS

MONDAY 27 MAY 2024 • 08:00h-17:30h



Laureano Molins, MD, PhD, FEBTS
Chair, Local Organizing Committee



Eric Galve, Javi Martínez & Judit Armas
Nurses & Allied Health Professionals
Symposium Organizers

Dear Colleagues,

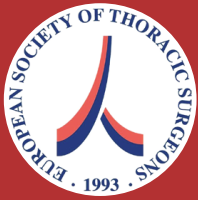
On behalf of the Nurse, Physiotherapists and other AHP committee, we extend a warm welcome to this distinguished event that brings together professionals in thoracic surgery from around the world. We are excited to offer you a unique opportunity to share knowledge, experiences, and advances in our specialties.

We particularly would like to highlight the roundtable discussions that will address the latest updates in prehabilitation, perioperative care and postoperative patient management. These discussions will be interdisciplinary, with active participation from nurses, physiotherapists, nutritionists, and other experts.

Additionally, the meeting will feature practical workshops allowing participants to acquire hands-on skills. We will also offer a guided tour of Hospital Clínic de Barcelona, providing a unique insight into our clinical environment. We want to acknowledge and reward excellence in presentation, so there will be three prizes for the best speakers, recognizing the effort and quality of contributions.

We invite you to participate by presenting your work in both poster and oral communication formats. This meeting is not only a platform for disseminating the latest research but also a space for idea exchange and collaboration among professionals from various disciplines.

We look forward to your active participation!



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COMMITTEES

SCIENTIFIC PROGRAM COMMITTEE 2024

Chair

Rene Horsleben Petersen (Denmark)

Hasan Batirel (Turkey)
Servet Bolukbas (Germany)
Sergio Bolufer (Spain)
Souheil Boubia (Morocco)
Alessandro Brunelli (UK)
Pierre Emmanuel Falcoz (France)
Jozsef Furak (Hungary)
José Matilla (Spain)
Laureano Molins (Spain)
Nuria Novoa (Spain)
Brendon Stiles (United States)
Zalan Szanto (Hungary)
Ichiro Yoshino (Japan)

LOCAL ORGANIZING COMMITTEE

Chair

Laureano Molins (Spain)

Member: Trainee Representative

Leandro Grando (Spain)

Allied Health Professionals Symposium

Eric Galve (Spain)
Judit Armas (Spain)
Javier Martínez (Spain)

Members

Irene Bello (Spain)
Marc Boada (Spain)
Juanjo Fibla (Spain)
Angela Guirao (Spain)
Pablo Paglialunga (Spain)
Ricard Ramos (Spain)
Anna Ureña (Spain)

OFFICERS 2024/2024

President

Jozsef Furak
Szeged (Hungary)

President Elect

Nuria Novoa
Madrid (Spain)

Secretary General

Hasan Batirel
Istanbul (Turkey)

Treasurer

Servet Bolukbas
Essen (Germany)

Editor

Pierre-Emmanuel Falcoz
Strasbourg (France)

Past President

Isabelle Opitz
Zurich (Switzerland)

DIRECTORS 2024/2024

Directors

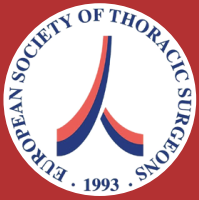
Alessandro Bertani
Palermo (Italy)

Brendon Stiles
New York (United States)

David Healy
Dublin (Ireland)

Hermien Schreurs
Alkmaar (The Netherlands)

Katrin Welcker
Monchengladbach (Germany)



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SOCIETY REPRESENTATIVES



AATS

American Association for Thoracic Surgery



JACS

Japanese Association for Chest Surgery



CATS

Canadian Association of Thoracic Surgeons



SECT

Sociedad Española de Cirugía Torácica



EACTS

European Association for Cardio-Thoracic Surgery



SEPAR

Sociedad Española de Neumología y Cirugía Torácica



ERS

European Respiratory Society



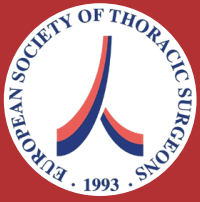
STS

Society of Thoracic Surgeons



IASLC

International Association for the Study of Lung Cancer



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PROGRAM AT A GLANCE

SUNDAY 26 MAY 2024

	AUDITORIUM	ROOM 6	
08:00			Exhibition Opens
08:00 - 08:30	Postgraduate Symposium Master Cup		
08:30 - 09:00			
09:00 - 09:30			
09:30 - 10:00			
10:00 - 10:30			Coffee Break (Exhibition Area)
10:30 - 11:00	Postgraduate Symposium Master Cup		
11:00 - 11:30			
11:30 - 12:00			
12:00 - 12:30			Exhibition Official Opening
12:30 - 13:00			OTHER ROOMS 12:00-13:00 Industry-sponsored Symposia
13:00 - 13:30	Video I Session I	Fit to perform Session	
13:30 - 14:00			
14:00 - 14:30	Survey Session	Coffee Break (Exhibition Area)	
14:30 - 15:00	Coffee Break (Exhibition Area)	Database and Quality Certification Session	
15:00 - 15:30	Session in co-operation with Japanese Association of Chest Surgery (JACS)		
15:30 - 16:00	Session in co-operation with the Spanish Society of Thoracic Surgery (SECT) and the Spanish Society of Pneumology and Thoracic Surgery (SEPAR)	ESTS Biology Club	
16:00 - 16:30			
16:30 - 17:00			
17:00 - 17:30	Nightmares in Thoracic Surgery	Esophageal Session in co-operation with ESTS/ESDE/UEMS	POSTER AREA 17:00-18:00 Junior Poster Session
17:30 - 18:00			
18:00 - 18:45	Opening Ceremony		
19:00 - 20:00	Welcome Reception (Exhibition Area)		
20:00 - 22:00			Women in Thoracic Surgery Get Together Evening
20:15 - 22:30			Trainees Get Together Evening

■ ABSTRACT SESSION

■ SESSIONS IN CO-OPERATION WITH OTHER SOCIETIES

■ EDUCATIONAL SESSION

■ POSTGRADUATE COURSE



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PROGRAM AT A GLANCE

MONDAY 27 MAY 2024

	AUDITORIUM	ROOM 6	ROOM 4	ROOM 5
07:00 - 07:30		Sunrise Session I Tools in Thoracic Surgery Training		Sunrise Session II ESTS-ITMIG. Highlights of Recurrent Disease in Thymic Malignancies
07:30 - 07:50				
08:00 - 08:30	Innovative/Experimental Session II	Miscellaneous Session III	Symposium for Nurses and Allied Health Professionals	
08:30 - 09:00				
09:00 - 09:15	Opening remarks			
09:15 - 09:30	Brompton Session IV			
09:30 - 10:00				
10:00 - 10:45				
10:45 - 11:15	Coffee Break (Exhibition Area)		Coffee Break (Exhibition Area)	
11:15 - 11:45	Invited Lecture		Symposium for Nurses and Allied Health Professionals	
11:45 - 12:00	Introduction to the President			
12:00 - 12:30	Presidential Address			
12:30 - 13:00				OTHER ROOMS 12:30-13:30 Industry-sponsored Symposia
13:00 - 13:30				
13:30 - 14:00	Pulmonary neoplastic I Session V	Transplant session Thoracoabdominal NRP in lung transplantation	Practical Session for Nurses & Allied Health Professionals	
14:00 - 14:30			Symposium for Nurses and Allied Health Professionals	
14:30 - 15:00	Evolution in MITS Session VI	Transplant and Airway Session VII		
15:00 - 15:30			Coffee Break (Exhibition Area)	
15:30 - 16:00		Coffee Break (Exhibition Area)		
16:00 - 16:30	Coffee Break (Exhibition Area)	Reducing the carbon footprint of thoracic surgery: What are our options? Session in co-operation with The Society of Thoracic Surgeons (STS)	Symposium for Nurses and Allied Health Professionals	
16:30 - 17:00	Young Investigators Award Session VIII			
17:00 - 17:30		Esophageal Session IX		
17:30 - 18:00				POSTER AREA 17:00-18:00 Moderated Poster Session
18:00 - 19:00	General Assembly			
20.15 - 23:30	ESTS PARTY			

- ABSTRACT SESSION
- LECTURE
- EDUCATIONAL SESSION
- NURSES & ALLIED HEALTH PROFESSIONALS HEALTH
- SESSIONS IN CO-OPERATION WITH OTHER SOCIETIES
- SUNRISE SESSIONS



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PROGRAM AT A GLANCE

TUESDAY 28 MAY 2024

	AUDITORIUM	ROOM 6	ROOM 5	OTHER ROOMS
07:00 - 07:30		Sunrise Session III: ESTS-ECTTA Transplant Session	Sunrise Session IV: Trauma, Rib Fixation	
07:30 - 07:50				
08:00 - 08:30	Pulmonary Neoplastic II (early stage lung cancer) Session X	Pulmonary Non-neoplastic Session XI		
08:30 - 09:00				
09:00 - 09:30				
09:30 - 10:00	Vogt-Moykopf Lecture			
10:00 - 10:30	Editors Session	Coffee Break (Exhibition Area)		
10:30 - 11:00		Chest wall / Diaphragm / Pleura Session XII		
11:00 - 11:30	Coffee Break (Exhibition Area)			
11:30 - 12:00	Extraordinary Guest Lecture			
12:00 - 12:30				12:00-13:00 Industry-sponsored Symposia
12:30 - 13:00				
13:00 - 13:30	Mediastinum Session XIII	Session in co-operation with the International Association for the Study of Lung Cancer (IASLC)		
13:30 - 14:00				
14:00 - 14:30	Coffee Break (Exhibition Area)	Coffee Break (Exhibition Area)		
14:30 - 15:00	Breaking clinical trials Session XIV	Pulmonary neoplastic III Session XV		
15:00 - 15:30				
15:30 - 16:00	The Future Is Here - Leveraging Databases and AI. Session in co-operation with the Canadian Association of Thoracic Surgery (CATS)	Infectious disease Session XVI		
16:00 - 16:30				
16:30 - 17:00	Video II Session XVII	Interesting cases Session XVIII		
17:00 - 17:30				

- ABSTRACT SESSION
- SESSIONS IN CO-OPERATION WITH OTHER SOCIETIES
- EDUCATIONAL SESSION
- LECTURE
- SUNRISE SESSIONS



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ESTS POSTGRADUATE SYMPOSIUM-MASTER CUP

SUNDAY 26 MAY 2024 • 08:00h-12:00h

ORGANISERS:



Cecilia Pompili (Hull/UK)



Lieven Depypere (Leuven/BE)



Each year the **ESTS Postgraduate Symposium** brings the Thoracic Surgery world up to date with the latest news/development and science in our field in those areas which represents part of our daily practice.

To spice up the atmosphere, we will review all this contents in a high-level competition in which five teams of young surgeons will fight out to win the ESTS Master Cup.



THE ESTS MASTER CUP FOR THE BEST SCORING TEAM
Complimentary Registration for an ESTS Educational Event in 2024-2025
will be awarded to each of the Three Trainees of the Winning Team

ESTS AUDIENCE AWARDS

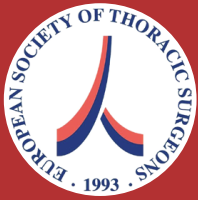
These are awarded for the top 3 audience's responses regarding the presented topics.

ESTS Award for the best audience performer:
a free registration for the 2025 School of Thoracic Surgery OR a free registration to 2025 Annual Meeting

ESTS Award for the second best audience performer:
a free registration for the 2025 Medical Writing Course OR a free registration to 2025 Annual Meeting

ESTS Award for the third best audience performer: a free registration to 2025 Annual Meeting

Please note that Prize Awards cannot be exchanged for alternative awards



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TEAMS

The 2024 Postgraduate Course – Master Cup will be structured as a contest in which a designated expert will provide questions and real-life case scenarios for discussion about a specific topic.

Five teams from different continents will compete: Europe, Africa, North America, South America and Asia. Each team is composed of 1 captain and 3 trainees.



TEAM EUROPE

Captain:
Hermien Schreurs
(Alkmaar/NL)



TEAM AFRICA

Captain:
Souheil Boubia
(Casablanca/MA)



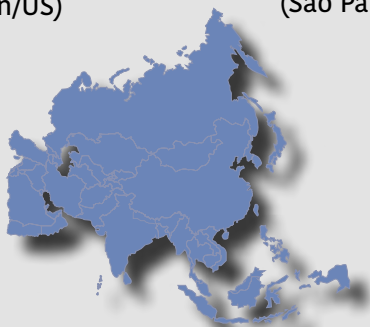
TEAM NORTH AMERICA

Captain:
Mara Antonoff
(Houston/US)



TEAM SOUTH AMERICA

Captain:
Alessandro Mariani
(Sao Paulo/BR)



TEAM ASIA

Captain:
Shadi Hamouri
(Irbid/JO)

FORMAT

There will be 5 rounds of questions with extra time at the end for questions from the floor answered by the expert. Each session will be structured as follows:

1. The expert will give a brief introduction of the topic (2 min).
2. The expert will formulate six questions to all the teams at the same time and to the audience
3. Participants will have up to 1 minute to reply to the questions.
The audience will answer to the questions from the floor using the App and benefitting from the same time allotted to the responding teams
4. At the end of each question: the audience voting for each question will be revealed.
5. Teams: For each correct answer a point will be added, for each incorrect answer half a point will be subtracted.
Audience will not score negatively.
6. The expert will explain the correct solution according to the evidence-based data.
Solutions can be provided individually for each question or globally at the end.
7. The expert presents a summary of the most relevant data and a final educational message (4-5 minutes)
8. After each round there will be extra time at the end for questions from the floor answered by the expert.
9. When the five rounds of questions are finished, the final round of questions will take place.
In this round each expert will ask two articulated questions based on real-case scenario related to their topic.

TOPICS

Esophagus
Shanda Blackmon
(Rochester/US)

Laryngotracheal
Konrad Hoetzenecker
(Vienna/AT)

Mediastinum
Maria Teresa Tsukazan
(Porto Alegre/BR)

Non Small Cell Lung Cancer (NSCLC)
Jonathan Spicer
(Montreal/CA)

Transplant
Dirk Van Raemdonck
(Leuven/BE)



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SCIENTIFIC PROGRAM - SUNDAY 26 MAY

AUDITORIUM



POSTGRADUATE SYMPOSIUM ON GENERAL THORACIC SURGERY

SUNDAY 26 MAY 2024 08:00 - 12:00 h

AUDITORIUM

Organisers: Cecilia Pompili (Hull/UK)
Lieven Depypere (Leuven/BE)

TEAM EUROPE

Captain:

Hermien Schreurs (Alkmaar/NL)

Trainees:

Patrick Hurley (Cambridge/UK)

Carolina Sassorossi (Rome/IT)

Alexia-Christina Vakouftsi (Athens/GR)

TEAM AFRICA

Captain:

Souheil Boubia (Casablanca/MA)

Trainees:

Sara Hafidi (Casablanca/MA)

Mustafa Loay (Assiut/EG)

Feriel Souissi (Tunis/TN)

TEAM NORTH AMERICA

Captain:

Mara Antonoff (Houston/US)

Trainees:

Nkosi Alvarez (Baltimore/US)

Kyle Mitchell (Houston/US)

Alison Mungo (Denver/US)

TEAM SOUTH AMERICA

Captain:

Alessandro Mariani (Sao Paulo/BR)

Trainees:

Isabele Alves Chirichela (Sao Paulo/BR)

Verner Dahmer (Porto Alegre/BR)

Gabriela Zurita (Quito/EC)

TEAM ASIA

Captain:

Shadi Hamouri (Irbid/JO)

Trainees:

Varun Gupta (Hemer/DE)

Ryusuke Sumiya (Tokyo/JP)

Hengrui Liang (Guangzhou/CN)

EXPERTS

Esophagus: Shanda Haley Blackmon (Rochester/US)

Transplant: Dirk Van Raemdonck (Leuven/BE)

Non Small Cell Lung Cancer (NSCLC):

Jonathan Spicer (Montreal/CA)

Laryngotracheal: Konrad Hoetzenecker (Vienna/AT)

Mediastinum: Maria Teresa Tsukazan Schwarz (Porto Alegre/BR)



VIDEO I SESSION I

SUNDAY 26 MAY 2024 13:00 - 14:00 h

AUDITORIUM

Chairs: Rune Eggum (Lorenskog/NO)

María Rodríguez Pérez (Madrid/ES)

V-001

ROBOTIC END-TO-SIDE BRONCHOPLASTY, LEFT MAIN TO INTERMEDIUS, WITH ECMO ASSISTANCE IN A PATIENT WITH TUBERCULOSIS SEQUELAE

Isabele Alves Chirichela (1), Alessandro Wasum Mariani (1), Paulo Manuel Pego Fernandes (1), Ricardo Mingarini Terra (1), Marcelo Manzano Said (2), Mariana Canevari De Oliveira (2)

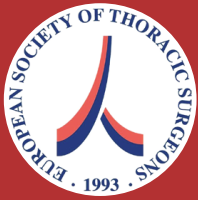
1. São Paulo/BR

2. Campinas/BR

V-002

SLEEVE BASAL SEGMENTECTOMY WITH TEMPORARY DIVISION OF PULMONARY ARTERY FOR LUNG CANCER

Hiroshi Date, Taiki Ryo, Yojiro Yutaka
Kyoto/JP



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SCIENTIFIC PROGRAM - SUNDAY 26 MAY

AUDITORIUM

V-003

CHEST WALL RECONSTRUCTION WITH DYNAMIC 3D TITANIUM CUSTOM-MADE PROSTHESIS: LESSONS LEARNED AND CASE SERIES FROM A SINGLE INSTITUTION.

Sara Fra, Gemma María Muñoz-Molina, Alberto Cabañero, Usue Caballero-Silva, Jose Ramón Cano, Cristina Cavestany García-Matres, Jose Deymar Lozano-Ayala, Luis Carlos Lomanto-Navarro, Nicolás Moreno-Mata
Madrid/ES

V-004

REAL-TIME PRESENTATION OF MICROANATOMY BY AI SURGICAL SUPPORT SYSTEM IN MEDIASTINAL LYMPHADENECTOMY

Junji Ichinose, Nao Kobayashi, Kyohei Fukata, Kenji Kanno, Ayumi Suzuki, Yosuke Matsuura, Masayuki Nakao, Sakae Okumura, Mingyon Mun
Tokyo/JP

V-005

EFFECTIVE COMPLICATION MANAGEMENT: INADVERTENT STAPLING OF ENDOBRONCHIAL CATHETER DURING A LEFT VIDEO-ASSISTED UNIPORTAL LOWER LOBECTOMY

Rafael Ribeiro Barcelos, Evert Sugarbaker, Rachel Leo, Desiree Steimer, Paula Ugalde Figueroa
Boston/US

V-006

UNIPORTAL AND ROBOT ASSISTED SUBXIPHOID THYMECTOMY WITH ANGIOPLASTY

Takashi Suda, Takahiro Negi, Daisuke Tochii, Sachiko Tochii
Okazaki/JP



SURVEY SESSION.

TRAINING IN THORACIC SURGERY SURVEY: THE THREE PERSPECTIVES

SUNDAY 26 MAY 2024 14:00 - 14:30 h

AUDITORIUM

Chairs: Niccolò Daddi (Bologna/IT)

Marcin Ostrowski (Gdansk/PL)

- **The Senior and the Pro**

Lieven Depypere (Leuven/BE)

- **The Fellow Surgeon />5 years after the Residency**

Nizar Asadi (London/UK)

- **The Trainee**

Olivia Lauk (Zurich/CH)



SESSION IN CO-OPERATION WITH JAPANESE ASSOCIATION OF CHEST SURGERY (JACS)

SUNDAY 26 MAY 2024 15:00 - 16:00 h

AUDITORIUM

Chairs: Kenji Suzuki (Tokyo/JP)

Rene Horsleben Petersen (Copenhagen/DK)

- **Complex segmentectomy for lung cancer in the lower lobe: Why is there a higher incidence of local recurrence in the lower lobe segmentectomy? Considered from the perspective of segmental anatomy**

Kimihito Shimizu (Matsumoto city/JP)

- **Is the local recurrence rate higher for segment 6 resection?**

Agathe Seguin-Givelet (Paris/FR)

- **Complex segmentectomy for lung cancer in the lower lobe:**

Perspectives based on the result of

JCOG0802/WJOG4607L trial

Aritoshi Hattori (Tokyo/JP)

- **Technical aspects of RATS atypical segmentectomy in the lower lobes**

Ilies Bouabdallah (Marseille/FR)



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SCIENTIFIC PROGRAM - SUNDAY 26 MAY

AUDITORIUM



SESSION IN CO-OPERATION WITH SPANISH SOCIETY OF THORACIC SURGERY (SECT) AND THE SPANISH SOCIETY OF PNEUMONOLOGY AND THORACIC SURGERY (SEPAR)

SUNDAY 26 MAY 2024 16:00 - 17:00 h

AUDITORIUM

Chairs: Sergio Bolufer Nadal (Alicante/ES)

Nuria Novoa (Madrid/ES)

José María Matilla (Valladolid/ES)

- **Advances in pulmonary nodule marking strategies**
Irene Bello (Barcelona/ES)
- **Accuracy of N1 lymphadenectomy in anatomical sublobar resections**
Carlos Gálvez Muñoz (Alicante/ES)
- **Dynamic thoracic wall prostheses**
Unai Jiménez Maestre (Bilbao/ES)
- **Robotic Lung Transplantation**
Fernando Ascanio (Barcelona/ES)



NIGHTMARES IN THORACIC SURGERY

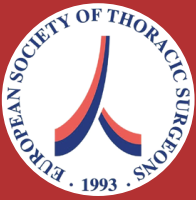
SUNDAY 26 MAY 2024 17:00 - 18:00 h

AUDITORIUM

Chairs: Robert Cerfolio (New York/US)

Laureano Molins (Barcelona/ES)

- **Esophagus**
Shanda Haley Blackmon (Rochester/US)
- **Thymus**
Juan Carlos Trujillo (Barcelona/ES)
- **Lung**
Robert Cerfolio (New York/US)



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SCIENTIFIC PROGRAM - SUNDAY 26 MAY

ROOM 6

FIT TO PERFORM SESSION

SUNDAY 26 MAY 2024 13:00 - 14:00 h

ROOM 6

Chairs: Pietro Bertoglio (Verona/IT)
Hermien Schreurs (Alkmaar/NL)

- **ESTS and Fit2Perform**
Nuria Novoa (Madrid/ES)
- **F2P Survey Rationale, Evidence, Survey and Results**
Fabrizio Minervini (Lucerne/CH)
Hermien Schreurs (Alkmaar/NL)
- **Posturing & Ergonomics**
Luca Bertolaccini (Milan/IT)
- **Wellbeing at Workplace**
Peter Brennan (Portsmouth/UK)

DATABASE AND QUALITY CERTIFICATION SESSION

SUNDAY 26 MAY 2024 14:30 - 15:30 h

ROOM 6

Chairs: Pierre Emmanuel Falcoz (Strasbourg/FR)
Zalan Szanto (Pécs/HU)

- **ESTS Database Summary 2024**
Zalan Szanto (Pécs/HU)
- **ESTS Robotic Database**
Jean-Marc Baste (Rouen/FR)
- **Registry of the Spanish Society of Thoracic Surgery**
Raul Embun (Zaragoza/ES)
- **The Route to Achieve ESTS Accreditation**
Peter Juhos (Bratislava/SK)
- **Presentation of Institutional Accreditation Certificates and R Berrisford Award**
Pierre Emmanuel Falcoz (Strasbourg/FR)
Zalan Szanto (Pécs/HU)

ESTS BIOLOGY CLUB

SUNDAY 26 MAY 2024 15:30 - 17:00 h

ROOM 6

Chairs: Laurens Ceulemans (Leuven/BE)
Olivia Lauk (Zurich/CH)
Brendon Stiles (New York/US)



- **State of the Art: Genetic Modification in Lung Transplantation**
Matthew G Hartwig (Durham/US)
- **State of the Art: Next-Generation Sequencing Technology: Genomic advancements and future aspects**
Enriqueta Felip (Barcelona/ES)
- **Feedback from Biology Club Fellowship Leuven/BE 2024: Complement Activation in Lung Transplantation**
Rene Novysedlak (Prague/CZ)
- **Feedback Biology Club Fellowship: Bart's, London 2024: Objective assessment of ergonomics and performance of thoracic surgeons during real-life anatomical robotic pulmonary resections**
Ahmed G Elkhoully (Tanta/EG)
- **Applicant 1: Technical refinement of pulmonary endarterectomy (PEA) procedure in a preclinical porcine model**
Bianca Battilana (Zurich/CH)
- **Applicant 2: EutroCan-Evaluating the Role of Neutrophils in Primary Non-small Lung Cancer**
Kudzayi Hopewell Kutuywayo (Leicester/UK)

ESOPHAGEAL SESSION IN CO-OPERATION WITH ESTS/ESDE/UEMS

SUNDAY 26 MAY 2024 17:00 - 18:00 h

ROOM 6

Chairs: Xavier Benoit D'Journo (Marseille/FR)
Philippe Nafteux (Leuven/BE)

- **Esophageal surgery by Thoracic Surgeons: The European situation**
Toni Lerut (Leuven/BE)
- **UEMS: what's the deal?**
Dirk Van Raemdonck (Leuven/BE)
- **MJC Upper GI surgery**
Lars Bo Svendsen (Copenhagen/DK)
- **Discussion**



32nd ESTS MEETING

26 - 28 MAY 2024 • BARCELONA, SPAIN

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SCIENTIFIC PROGRAM - SUNDAY 26 MAY OTHER ROOMS

- **INDUSTRY-SPONSORED SYMPOSIA**
SUNDAY 26 MAY 2024 12:00 - 13:00 h
OTHER ROOMS

SCIENTIFIC PROGRAM - SUNDAY 26 MAY EXHIBITION AREA/POSTER AREA

- **EXHIBITION OPENS**
SUNDAY 26 MAY 2024 08:00 h
EXHIBITION AREA

- **EXHIBITION OFFICIAL OPENING**
SUNDAY 26 MAY 2024 12:00-12:15 h
EXHIBITION AREA

- **JUNIOR POSTER SESSION**
SUNDAY 26 MAY 2024 17:00 - 18:00 h
POSTER AREA

Award: Complimentary registration to the 33rd European Conference on General Thoracic Surgery, 2025. This prize is offered for the best poster display/presentation.

Chairs: Bugra Sezen (Istanbul/TR)
Patrick Soldath (Copenhagen/DK)

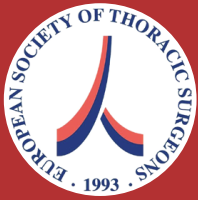
P-001
NEOADJUVANT CHEMORADIATION COMBINED WITH IMMUNOTHERAPY (NICRT) VERSUS NEOADJUVANT CHEMORADIATION (NCRT) FOR LOCALLY ADVANCED OESOPHAGEAL SQUAMOUS CELL CARCINOMA: COMPARISON OF TWO PROSPECTIVE COHORTS
Yuqin Cao, Zhenyi Niu, Yajie Zhang, Chengqiang Li, Hecheng Li
Shanghai/CN

P-002
EFFECT OF THE CONTINUOUS ERECTOR SPINAE PLANE BLOCK ON RESPIRATORY STRENGTH AFTER VIDEO-ASSISTED LUNG SURGERY
Polona Gams (1,2), Maja Sostaric (1,2), Nenad Danovic (1), Tomaž Jensterle (1), Marko Bitenc (1)
1. Golnik/SL, 2. Ljubljana/SL

P-003
ELIMINATION OF ROUTINE CHEST X-RAYS AFTER LUNG RESECTION: A QUALITY IMPROVEMENT INITIATIVE
Margaux Laurent, Baptiste Vasey, Marco Stefano Demarchi, Frédéric Triponez, Wolfram Karenovics, Benoît Bédat
Geneva/CH

P-004
SURVIVAL AND RECURRENCE PATTERNS AFTER NEOADJUVANT IMMUNOCHEMOTHERAPY VERSUS CHEMORADIOLOGY IN PATIENTS WITH ESOPHAGEAL SQUAMOUS CELL CARCINOMA
Yuxin Yang, Zhichao Liu, Chao Jiang, Chang Yuan, Zhigang Li
Shanghai/CN

P-210 PERIOPERATIVE OUTCOMES OF LUNG CANCER SURGERY IN WOMEN: A CANADIAN NATIONWIDE RETROSPECTIVE COHORT STUDY
Holly T. Philpott (1), Rowan Murphy (1), Caitlin Anstee (2), Andrew Seely (2), Alison Wallace (1)
1. Halifax/CA, 2. Ottawa/CA



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SCIENTIFIC PROGRAM - SUNDAY 26 MAY EXHIBITION AREA

P-006

PATIENT-REPORTED OUTCOMES OF NEOADJUVANT THERAPY VERSUS SURGERY ALONE FOR RESECTABLE ESOPHAGEAL SQUAMOUS CELL CARCINOMA

Xin Nie, Xinming Nie, Wenwu He, Xuefeng Leng, Yan Miao, Yongtao Han
Chengdu/CN

P-007

LONG-TERM EFFICACY OF NEOADJUVANT IMMUNOTHERAPY AND CHEMORADIOTHERAPY PLUS SURGERY FOR THE TREATMENT OF LOCALLY ADVANCED ESOPHAGEAL SQUAMOUS CELL CARCINOMA: THE PALACE-1 CLINICAL TRIAL

Zhenyi Niu, Chengqiang Li, Shengguang Zhao, Yuqin Cao, Yuyan Zheng, Weixiang Qi, Huan Li, Runsen Jin, Hecheng Li
Shanghai/CN

P-008

SEGMENTECTOMY VERSUS LOBECTOMY IN NON-SMALL CELL LUNG CANCER SMALLER THAN 2.5 CM: A MULTICENTER, RETROSPECTIVE, NON-INFERIORITY STUDY

Akif Turna (1), Gizem Özçibik Isik (1), Hasan Volkan Kara (1), Serhan Tanju (2), Celal Bugra Sezen (3), Hüseyin Melek (4), Ömer Faruk Sağlam (1), Ali Çelik (5), Muhammet Sayan (5), Merve satir Türk (5), Suat Erus (2), Cengiz Gibitekin (4), Muzaffer Metin (3), Cemal Aker (3), Ezgi Cesur (2), Kadir Burak Özer (2), Sükrü Dilege (2)

1, 2, 3. Istanbul/TR, 4. Bursa/TR
5. Ankara/TR

P-009

STUDY OF SURVIVAL, AFTER LUNG SURGERY, OF PATIENTS WITH BRAIN-SYNCHRONOUS OLIGOMETASTATIC NON-SMALL-CELL LUNG CANCER MANAGED IN FRANCE

Rouch Axel, VERGE Romain, Rabinel Pierre, Cazaux Mathilde, Brouchet Laurent
Toulouse/FR

P-010

THE IMPACT OF TUMOR DEPOSITS ON ESOPHAGEAL SQUAMOUS CELL CARCINOMA: IMPROVING THE VALUE OF MODERN STAGING

Sikai Wu, Jianfei Shen
Linhai/CN

P-011

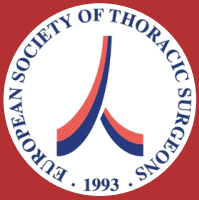
INTENSIVE CARE UNIT READMISSION AFTER ESOPHAGECTOMY

Yuxin Yang, Zhichao Liu, Chao Jiang, Kaiyuan Zhu, Boyao Yu, Zhigang Li
Shanghai/CN

P-012

BENEFITS OF ROUTINE PHARYNGEAL AND LARYNGEAL ENDOSCOPIC SCREENING IN PATIENTS WITH ESOPHAGEAL SQUAMOUS CELL CARCINOMA

Kaiyuan Zhu, Yuchen Su, Zhichao Liu, Hong Zhang, Lei Cheng, Yuxin Yang, Chang Yuan, Zhigang Li
Shanghai/CN



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SCIENTIFIC PROGRAM - SUNDAY 26 MAY

AUDITORIUM

OPENING CEREMONY

SUNDAY 26 MAY 2024 18:00 - 18:45 h • AUDITORIUM



Welcome
by Jozsef Furak, ESTS President



Welcome
by Laureano Molins, Chair of the Local Organising Committee

Presentation of Society Awards
for Travel Grants

Presentation
of Honorary Member

INVITED SPEAKER

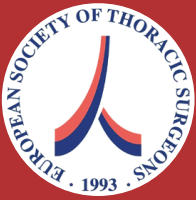
“Barcelona. History, Art and legend of a Mediterranean city”

Jorge Rodriguez Ariza

*Doctor in Art History from the Barcelona University (UAB), specialist in sacred art and symbology.
Associate professor of the Department of Art and Musicology at the UAB.
Professor of the “Mythology and Symbology” Diploma at the Higher Institute of Religious Sciences of Barcelona.
He works at the Museu del Monestir de Sant Cugat developing projects for research into medieval art.*

WELCOME RECEPTION

SUNDAY 26 MAY 2024 19:00 - 20:00 h • EXHIBITION AREA



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SCIENTIFIC PROGRAM - MONDAY 27 MAY

AUDITORIUM



INNOVATION/EXPERIMENTAL SESSION II

MONDAY 27 MAY 2024 08:00 - 09:00 h

AUDITORIUM

Award: ESTS-Grillo Award €1000 for Best Innovative/
Experimental Abstract

Chairs: Yolonda Lorig Colson (Boston/US)
Jianxing He (Guangzhou/CN)

O-007

**EFFECT OF VIRTUAL REALITY INTERVENTION ON
HOSPITALIZED PATIENTS WITH ACUTE PAIN AFTER
THORACOSCOPIC SURGERY: A RANDOMIZED CON-
TROLLED TRIAL**

Weibo Cao, Song Xu
Tianjin/CN

O-008

**LOCO-REGIONAL ROPIVACAINE ANALGESIA VIA
A SURGICALLY PLACED INTERCOSTAL CATHETER
AFTER ANATOMIC LUNG RESECTION: PROSPECTIVE,
PLACEBO-CONTROLLED, DOUBLE-BLIND; RANDOM-
IZED SUPERIORITY TRIAL**

Aljaz Hojski, Monica Kraemer, Paulius Gecas,
Daniel Bolliger, Tobias Schneider, Andreas Lampart
(2), Didier Lardinois
Basel/CH

O-009

**SINGLE-PORT ROBOTIC LOBECTOMY USING THE SIN-
GLE-PORT ROBOTIC SYSTEM VERSUS MULTI-PORT
ROBOTIC LOBECTOMY USING THE CONVENTIONAL
ROBOTIC SYSTEM: A PROPENSITY-MATCHED STUDY**

Jun Hee Lee, Byung Mo Gu, Hyun Koo Kim
Seoul/KR

O-010

**RADIOMIC FEATURES CAN PREDICT DISEASE-FREE
SURVIVAL AFTER LOBECTOMY IN STAGE IA NON-
SMALL-CELL LUNG CANCER**

Alexandro Patirelis (1), Alessandra Russo (1), Ema-
nuele Voulaz (2), Sebastiano Angelo Bastone (1),
Federica Carlea (1), Guglielmo Manenti (3), Eugenio
Pompeo (1), Stefano Elia (4,5), Vincenzo Ambroggi (1)
1, 3, 4. Rome/IT, 2. Milan/IT
5. Campobasso/IT

O-011

**ULTRASOUND-BASED RADIOMICS MACHINE LEAR-
NING MODELS FOR DIAGNOSING CERVICAL LYMPH
NODE METASTASIS IN PATIENTS WITH NON-SMALL
CELL LUNG CANCER: A MULTICENTRE STUDY**

Dong Tian (1), Zhi-Qiang Deng (2), Hao-Ji Yan (1),
Xiao-Ling Liu (3), Dai-Yuan Ma (2), Hai-Ning Zhou (4)
1. Chengdu/CN, 2. Nanchong/CN
4. Suining/CN

O-012

**PRACTICE VARIATION IN PERIOPERATIVE CARE FOR
PATIENTS UNDERGOING ANATOMICAL LUNG RESEC-
TION FOR NON-SMALL CELL LUNG CANCER –
A DUTCH EXPERIENCE**

Diederik Willem Van Oyen (1,2), Pauline C Mens
(1,2), R. Van Den Berg (1), Geertruid M H Marres (1),
Erik M Von Meyenfeldt (1,2)
1. Dordrecht/NL
2. Amsterdam/NL



OPENING REMARKS

MONDAY 27 MAY 2024 09:00 - 09:15 h

AUDITORIUM

René Horsleben Petersen (Copenhagen/DK)





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AUDITORIUM

BROMPTON SESSION IV

MONDAY 27 MAY 2024 09:15 - 10:45 h

AUDITORIUM

Award: ESTS Brompton Prize € 3000 for best abstract by first author ESTS member

Chairs: Hasan Batirel (Istanbul/TR)
Jozsef Furak (Szeged/HU)
Eric Lim (London/UK)

Jury: Pierre Emmanuel Falcoz (Strasbourg/FR)
Eric Lim (London/UK)
René Horsleben Petersen (Copenhagen/DK)

B-019

PATIENTS' RISK FACTORS FOR CONVERSION DURING ROBOTIC-ASSISTED ANATOMIC LUNG RESECTION - THE RATS CONVERSION SCORE (RCS).

Elsa Armand (1), Jean-Marc Baste (2), Marion Durand (3), Pierre-Benoit Pagès (4), Matthieu Glorion (5), Renaud Vidal (6), Christophe Jayle (7), Harry Etienne (8), Ilies Bouabdallah (9), Marie Tardy (10), Benjamin Bottet (2), Alex Fourdrain (1)
1, 6, 9. Marseille/FR, 2. Rouen/FR
3. Neuilly/FR, 4. Dijon/FR,
5, 8. Paris/FR, 7. Poitiers/FR
10. Chambéry/FR
Discussant: Franca Melfi (Pisa/IT)

B-020

ASSOCIATION OF THE HOSPITAL CANCER CERTIFICATION STATUS GRANTED BY THE GERMAN CANCER SOCIETY ON PATIENT OUTCOMES AND PATIENT PROVIDER CHOICE IN THORACIC SURGERY

Philip Baum (1), Jacopo Lenzi (2), Martin E Eichhorn (3), Hauke Winter (4), Armin Wiegering (5)
1,3, 4. Heidelberg/DE, 2. Bologna/IT
5. Wuerzburg/DE
Discussant: Florentino Hernando Trancho (Madrid/ES)

B-021

RISK FACTORS AND PROGNOSTIC IMPACT OF UNPLANNED REOPERATION FOLLOWING ANATOMIC PULMONARY RESECTION IN A PROSPECTIVE MULTICENTRIC DATABASE

Maria Teresa Gomez Hernandez, Marta G. Fuentes, Gonzalo Varela, Marcelo F. Jimenez
Salamanca/ES
Discussant: Stephen Cassivi (Rochester/US)

B-022

NEOADJUVANT THERAPY IS NOT AN INDEPENDENT RISK FACTOR FOR POSTOPERATIVE COMPLICATIONS IN NON-SMALL CELL LUNG CANCER: A BI-CENTRIC MATCHED-PAIR ANALYSIS

Varun Gupta (1), Ka-Won Noh (2), Stefan Welter (1), Sungwon Yum (3), Sanghoon Jheon (3)
1. Hemer/DE, 2. Cologne/DE
3. Bundang/KR
Discussant: David R Jones (New York/US)

B-023

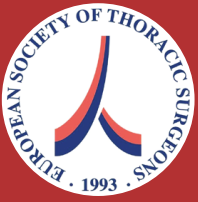
PREDICTION OF POSTOPERATIVE INTENSIVE CARE UNIT ADMISSION WITH ARTIFICIAL INTELLIGENCE MODELS IN NON-SMALL CELL LUNG CARCINOMA

Gizem Özçibik Isik, Burcu Kiliç, Ezel Ersen, Mehmet Kamil Kaynak, Akif Turna, Hasan Volkan Kara
Istanbul/TR
Discussant: Gilbert Massard (Luxembourg/LU)

B-024

BETTER SURVIVAL WITH LOBECTOMY VS SUBLOBAR RESECTION IN PATIENTS WITH HYPERMETABOLIC C-STAGE IA LUNG CANCER ON PET/CT

Satoshi Shiono, Makoto Endo, Jun Suzuki, Hikaru Watanabe, Satoshi Takamori
Yamagata/JP
Discussant: Chang Chen (Shanghai/CN)



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AUDITORIUM

**INVITED LECTURE
FROM THE IDEA TO THE OPERATING ROOM.
INNOVATION IN THORACIC SURGERY**

MONDAY 27 MAY 2024 11:15 - 11:45 h

AUDITORIUM

Shaf Keshavjee (Toronto/CA)



INTRODUCTION TO THE PRESIDENT

MONDAY 27 MAY 2024 11:45 - 12:00 h

AUDITORIUM

Nuria Novoa (Madrid/ES)

President Elect



**PRESIDENTIAL ADDRESS
ADAPT TO CHANGES - LEARNING CURVES FOREVER!**

MONDAY 27 MAY 2024 12:00 - 12:30 h

AUDITORIUM

Jozsef Furak (Szeged/HU)

President



**PULMONARY NEOPLASTIC I:
SESSION V**

MONDAY 27 MAY 2024 13:30 - 14:30 h

Award: ESTS-AATS Foundation Excellence Award 2000 euros

Chairs: John D. Mitchell (Aurora/US)

Masayuki Chida (Mibu/JP)

AUDITORIUM

- PRO: Is there a role for surgery after MARS 2?

Raphael Bueno (Boston/US)

- CON: Is there a role for surgery after MARS 2?

Eric Lim (London/UK)

O-028

NEOADJUVANT CHEMOIMMUNOTHERAPY CONFERS SURVIVAL ADVANTAGE FOR PATIENTS UNDERGOING SLEEVE LOBECTOMY

Tao Chen, Yifan Zhong, Jialiang Wen, Long Xu, Junqi Wu, Yunlang She, Chang Chen
Shanghai/CN

O-029

SALVAGE SURGERY FOR CLINICAL STAGE III NON-SMALL CELL LUNG CANCER: HIGHER PERIOPERATIVE RISK BUT EQUIVALENT LONG TERM SURVIVAL WITH PLANNED SURGERY

Xun Luo, Jeremiah Hayanga, Elwin Tham, Kenneth Ryan, Paul Rothenberg, James Mehaffey, Jason Lamb, Shalini Reddy, Vinay Badhwar, Alper Toker
Morgantown/US

O-030

USEFULNESS OF PLEURODESIS WITH 50% GLUCOSE FOR AIR LEAK AFTER PULMONARY RESECTION: A MULTI-INSTITUTIONAL RETROSPECTIVE STUDY

Ryosuke Tokuda, Satoru Okada, Yasuo Ueshima, Satoshi Ikebe (1), Masanori Shimomura, Shunta Ishihara, Tatsuo Furuya, Masayoshi Inoue
Kyoto/JP



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AUDITORIUM

O-031

LONG-TERM SURVIVAL AFTER RESECTION OF STAGE IV NON-SMALL-CELL LUNG CANCER: RESULTS OF A MULTI-CENTER, TRANSCONTINENTAL EXPERIENCE

Michael Eisenberg (1), Raphael Werner (2), Shanique Ries (1), Theodoros Papatziropoulos (2), Nina Steinmann (2), Isabelle Schmitt-Opitz (2), Mara Antonoff (1)
1. Houston/US, 2. Zurich/CH

EVOLUTION IN MITS SESSION VI

MONDAY 27 MAY 2024 14:30 - 16:00 H

AUDITORIUM

Chairs: Carlos Gálvez Muñoz (Alicante/ES)
Henrik Jessen Hansen (Copenhagen/DK)

O-032

ALL SEGMENTS ARE CREATED EQUAL: LOCAL RECURRENCE AND SURVIVAL AFTER SINGLE VS. MULTI-SEGMENT RESECTION IN PATIENTS WITH CLINICAL STAGE IA = 2 CM NON-SMALL CELL LUNG CANCER

Shaikha Al-Thani, Abu Nasar, Jonathan Villena-Vargas, Sebron Harrison, Benjamin Lee, Jeffrey L. Port, Nasser Altorki, Oliver S. Chow
New York/US

O-033

NUMBER OF RESECTED N1 LYMPHNODES PREDICTS DISEASE FREE SURVIVAL IN PATHOLOGICALLY NO NSCLC.

Marco Chiappetta, Filippo Lococo, Elisa Meacci, Carolina Sassorossi, Maria Teresa Congedo, Jessica Evangelista, Annalisa Campanella, Giuseppe Calabrese, Alessia Senatore, Stefano Margaritora
Rome/IT

O-034

PREOPERATIVE PLANNING PROGRAM IN MINIMALLY INVASIVE LUNG SURGERY REDUCES INTRAOPERATIVE ADVERSE EVENTS.

Julien Epailly, Cesare Braggio, Matthieu Vasse, Alban Todesco, Vanessa Pauly, Xavier Benoit D'Journo, Pascal Alexandre Thomas, Alex Fourdrain
Marseille/FR

O-035

CHYLOTHORAX IS ASSOCIATED WITH MULTIPLE MEASURES OF AGGRESSIVENESS OF LYMPH NODE MANAGEMENT DURING PULMONARY RESECTION

Devanish N Kamtam, Jake J Kim, Mark F Berry, Mina Satoyoshi, Irmina A Elliot, Brandon A Guenthart, Douglas Z Liou, Natalie S Lui, Leah M Backhus, Joseph B Shrager
Stanford/US

O-036

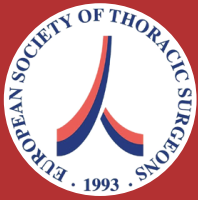
EVALUATION OF THE LEARNING CURVE THRESHOLD IN ROBOT-ASSISTED THORACIC SURGERY FOR LUNG CANCER: A NATIONWIDE POPULATION-BASED STUDY

Pierre-Benoit Pages, Jonathan Cottenet, Leslie Madelaine, Florian Dhérissard, Abou-Hanna Halim, Alain Bernard, CATHERINE Quantin
Cedex/FR

O-037

SURGICAL OUTCOMES OF SUBXIPHOID THORACOSCOPIC COMPLEX BASILAR SEGMENTECTOMY VERSUS LOWER LOBECTOMY

Dorian Rojas (1), Jules Iquille (2), Bertrand Richard De Latour (1), Karel Pfeuty (2)
1. Rennes/FR
2. Saint Brieu/FR



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O-038

RISK-ADJUSTED DISCRETE INCREASES IN LENGTH OF STAY BY COMPLICATION FOLLOWING ANATOMIC LUNG RESECTION: AN ANALYSIS OF 27,323 CASES ACROSS THE UNITED STATES

Christina M Stuart, Micheal R Bronsert, Adam R Dyas, Nicole M Mott, Garret L Healy, Tochi Anioke, William G Henderson, Simran K Randhawa, Elizabeth A David, John D Mitchell, Robert A Meguid
Aurora/US

O-039

REAL-WORLD OUTCOMES OF LOBECTOMY, SEGMENTECTOMY, AND WEDGE RESECTION FOR THE TREATMENT OF STAGE CIA LUNG CARCINOMA

Pascal Alexandre Thomas (1), Agathe Seguin-Givelet (2), Pierre-Benoît Pages (3), Marco Alifano (4), Laurent Brouchet (5), Pierre-Emmanuel Falcoz (6), Jean-Marc Baste (7), Matthieu Glorion (8), Yaniss Belaroussi (9), Marc Filaire (10), Maxime Hyendrickx (11), Anderson Loundou (12), Alex Fourdrain (1), Marcel Dahan (5), Laurent Boyer (12)
1, 12. Marseille/FR, 2, 4. Paris/FR
3. Dijon/FR, 5. Toulouse/FR
6. Strasbourg/FR, 7. Rouen/FR
8. Suresnes/FR, 9. Bordeaux/FR
10. Clermont Ferrand/FR, 11. Caen/FR

O-040

COMPARISON OF CLINICAL OUTCOMES AND ONE-YEAR QUALITY OF LIFE BETWEEN ROBOTIC-ASSISTED AND VIDEO-ASSISTED THORACOSCOPIC SURGERY FOR LUNG CANCER: A LONGITUDINAL COHORT STUDY

Xing Wei (1), Hongfan Yu (2), Wei Dai (1), Jia Liao (1), Xiaoqin Liu (1), Qiang Li (1), Qiuling Shi (1)
1. Chengdu/CN, 2. Chongqing/CN



YOUNG INVESTIGATORS AWARD SESSION VIII

MONDAY 27 MAY 2024 16:30 - 18:00 h

AUDITORIUM

Award: ESTS Prize YIA €2000 for Best Research Paper by first author < 35 years

Chairs: Nuria Novoa (Madrid/ES)
Raphael Werner (Zurich/CH)

Jury: Pierre Emmanuel Falcoz (Strasbourg/FR)
Nuria Novoa (Madrid/ES)
Raphael Werner (Zurich/CH)

O-047

RECURRENCE PATTERNS AFTER PRIMARY SURGERY AND NEOADJUVANT CHEMORADIOTHERAPY FOR ESOPHAGEAL ADENOCARCINOMA: ACROSS THE CROSS RECURRENCES

Andreas Bouckaert (1,2), Johnny Moons (1), Toni Lerut (1), Willy Coosemans (1), Lieven Depypere (1), Yannick Mandeville (2), Hans Van Veer (1), Philippe Naftoux (1)
1. Leuven/BE
2. Roeselare/BE
Discussant: Mette Siemsen (Copenhagen/DK)

O-048

INFLAMMATORY INDICES RELATED TO THE POSTOPERATIVE PROGNOSIS OF THYMIC EPITHELIAL NEOPLASMS

Federica Carlea (1), Alexandro Patirelis (1), Emanuele Voulaz (2), Veronica Maria Giudici (2), Elisa Meacci (3), Giuseppe Calabrese (3), Luca Frasca (4), Pierfilippo Crucitti (4), Vincenzo Ambrogi (1)
1, 3, 4 Rome/IT, 2. Milan/IT
Discussant: Frank Detterbeck (New Haven/US)



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AUDITORIUM

O-049 ANALYSIS OF PREDICTIVE AND PROGNOSTIC FACTORS IN PATIENTS WITH ALK REARRANGED EARLY STAGE LUAD: A MULTICENTRIC ANALYSIS

Filippo Tommaso Gallina (1), Riccardo Tajè (2), Enrico Melis (1), Lorenzo Spaggiari (3), Luca Bertolaccini (4), Giorgio Cannone (5), Federico Rea (6), Nicola Martucci (7), Edoardo Mercadante (8), Stefano Bongiolatti (9), Luca Voltolini (10), Isabella Sperduti (11)/FRsco Facciolo (12)

1, 2, 11, 12. Rome/IT, 3, 4. Milan/IT

5, 6. Padova/IT, 7, 8. Naples/IT

9, 10. Florence/IT

Discussant: Fabian Doerr (Essen/DE)

O-050

THE ROLE OF EX-VIVO LUNG PERFUSION IN DRUG DISTRIBUTION STUDIES ON LUNG CANCER PATIENTS

Áron Kristóf Ghimessy (1,2), Áron Gellért (3), Bence Ferencz (3), Kristóf Csende (1,2), Balázs Gieszer (1,2), Klára Török (1,2), Péter Radeczky (1,2), Sára Radványi (1), Ákos Kocsis (1,3), László Agócs (1,3), Krisztina Bogos (3), János Fillinger (3), Szilvia Török (3), Melinda Rezeli (4), Dezso Katalin (2), Ildikó Madurka (1), Zsolt Megyesfali (3,2), Balázs Döme (3,2,5), Ferenc Rényi-Vámos (3,1,2)

1, 2, 3. Budapest/HU

4. , Lund/SE

5. Vienna/AT

Discussant: Lorenzo Rosso (Milan/IT)

O-051

IS SEGMENTECTOMY FEASIBLE FOR CLINICAL STAGE IA3 NON-SMALL CELL LUNG CANCER

Lin Huang (1), Alessandro Brunelli (2), Demetrios Stefanous (2), Edoardo Zanfrini (3), Abid Donlagic (3), Michel Gonzalez (3), René Horsleben Petersen (1)

1. Copenhagen/DK, 2. Leeds/UK

3. Lausanne/CH

Discussant: TBC

O-052

A EUROPEAN MULTICENTRE STUDY EVALUATING PROGNOSIS OF PERIPHERAL EARLY-STAGE LUNG ADENOCARCINOMA PATIENTS OPERATED ON BY SEGMENTECTOMY OR LOBECTOMY.

Lukadi Joseph Lula (1), Rita Costa (2), Amr Rushwan (3), Clara Forcada Barreda (4), Matic Domjan (5), Beatrice Trabalza Marinucci (6), Crt Jasovic (5), Emrah Gökay Özgür (7), Cornel Savu (8), Erino Angelo Rendina (6), Nural Bekiroglu (7), Pedro Fernandes (2), Marcelo Jimenez (4), Tomaz Stupnik (5), Antonio D'andrilli (6), Emmanuel Martinod (1), Alessandro Brunelli (3)

1. Bobigny/FR, 2. Porto/PT

3. Leeds/UK, 4. Salamanca/ES

5. Ljubljana/SL, 6. Rome/IT

7. Istanbul/TR, 8. Bucharest/RO

Discussant: Ichiro Yoshino (Chiba/JP)



GENERAL ASSEMBLY

MONDAY 27 MAY 2024 18:00 - 19:00 h

AUDITORIUM





32nd ESTS MEETING

26 - 28 MAY 2024 • BARCELONA, SPAIN

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SCIENTIFIC PROGRAM - MONDAY 27 MAY

ROOM 6



SUNRISE SESSION I TOOLS IN THORACIC SURGERY TRAINING

MONDAY 27 MAY 2024 07:00 - 07:50 h

ROOM 6

Chair: Niek Hugén (Arnhem/NL)

- Welcome and introduction
- Step wise approach in hands on teaching a lobectomy, the French lobectomy
Jean Marc Baste (Rouen/FR)
- Use of simulation in practical thoracic surgery training
Tamim Haidari (Rigshospitalet/DK)



MISCELLANEOUS SESSION III

MONDAY 27 MAY 2024 08:00 - 09:00 h

ROOM 6

Chairs: Niek Hugén (Arnhem/NL)
Alex Fourdrain (Marseille/FR)

- O-013**
READMISSION TO HOSPITAL AFTER THORACIC TRAUMA: BETTER SAFE THAN SORRY! THE PREDICTIVE READ-SCORE
Debora Brascia (1), Doroty Sampietro (1)/FRsco De Blasi (1), Mariangela Valentini (1), Graziana Carleo (1), Mirko Girolamo Cantatore (1), Maria Luisa Zhurda (1), Loredana D'Aucelli (1), Naomi Savarelli (1), Gowthaman Kularajan (1), Giuseppe Marulli (2), Angela De Palma (1)
1. Bari/IT
2. Milan/IT

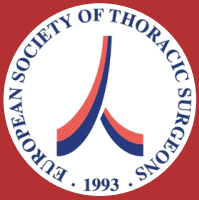
- O-014**
THE INCIDENCE AND RISK FACTORS OF CHRONIC POST-SURGERY PAIN AFTER VIDEO-ASSISTED THORACIC SURGERY.
Chen Chen, Yisheng Luo, Shiwei Yang, Youhui Qian, Hao Wu
Shenzhen/CN

- O-015**
BUTTRUSSING THE BRONCHIAL ANASTOMOSIS DOESN'T CONFER SHORT AND LONG-TERM ADVANTAGE FOR PATIENTS UNDERGOING SLEEVE LOBECTOMY
Tao Chen, Jialiang Wen, Yifan Zhong, Long Xu, Junqi Wu, Jiajun Deng, Yunlang She, Chang Chen
Shanghai/CN

- O-016**
ENHANCING LUNG CANCER OUTCOMES: THE COST-EFFECTIVENESS OF SURGICAL INTERVENTION AND EARLY DETECTION PROGRAMS
Rudith Guzman, Angela Guirao, Leandro Grando, Pablo Paglialunga, Nestor Quiroga, Marc Boada, David Sánchez
Barcelona/ES

- O-017**
EXPLORING THE ASSOCIATION BETWEEN LUNG FUNCTION AND ORAL MICROBIOME DIVERSITY: AN NHANES ANALYSIS
Haoshuai Yang, Jin Zhang, Chaoyang Liang
Beijing/CN

- O-018**
CONTINUED IMPLICATIONS OF THE COVID-19 PANDEMIC ENVIRONMENT ON NON-SMALL CELL LUNG CANCER CHARACTERISTICS AND TREATMENT IN THE UNITED STATES
Christina M Stuart, Michael R Bronsert, Adam R Dyas, Salvador Rodriguez Franco, Ana L Gleisner, Simran K Randhawa, Elizabeth A David, John D Mitchell, Robert A Meguid
Aurora/US



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ROOM 6

TRANSPLANT SESSION THORACOABDOMINAL NRP IN LUNG TRANSPLANTATION

MONDAY 27 MAY 2024 13:45 - 14:45 h

ROOM 6

Chairs: Konrad Hoetzenecker (Vienna/AT)
Shaf Keshavjee (Toronto/CA)

- **Technical considerations of TA-NRP**
Alberto Benazzo (Vienna/AT)
- **TA-NRP – The Spanish Experience**
Anna Minasyan (A Coruña/ES)
- **Will NRP increase or limit the lung donor pool?**
Konrad Hoetzenecker (Vienna/AT)
O-025
Single lung transplantation is safe when the other lung is declined
Richa Asija (1,2), Joshua S Fuller (1), Joseph Costa (1), Alexey Abramov (1), Harpreet S Grewal (1), Luke J Benvenuto (1), Gabriela Magda (1), Lori Shah (1), Angela M Dimango (1), Hilary Y Robbins (1), Bryan Payne Stanifer (1), Joshua R Sonett (1), Selim Arcasoy (1), Frank D'Ovidio (1), Philippe H Lemaitre (1)
1. New York/US
2. Ventura/ US
- **O-026**
The role of central pulmonary venous gas measurement in extending donor lungs criteria for transplantation: a multicenter analysis of the european society of thoracic surgeons (ESTS) lung transplant working group
Francisco Javier González-García (1), Benito Cantador (1), Paula Moreno (1), Lorenzo Rosso (2), José Luis Campo-Cañaverl (3), Eloisa Ruiz (1), Alba María Fernández (1), Patricia Chiers (1), Francisco Javier Algar (1), Francisco Cerezo (1), Angel Salvatierra (1), Antonio Alvarez (1)
1. Córdoba /ES, 2. Milan/ IT, 3. Madrid, ES
- **O-027**
Adult living-donor lobar lung transplantation using small-for-size graft
Daisuke Nakajima, Mamoru Takahashi, Shigeto Nishikawa, Satona Tanaka, Yojiro Yutaka, Akihiro Ohsumi, Toshi Menju, Hiroshi Date
Kyoto/JP

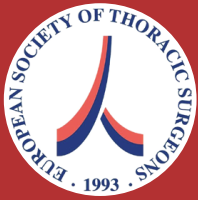
TRANSPLANT AND AIRWAY SESSION VII

MONDAY 27 MAY 2024 14:45 - 15:45 h

ROOM 6

Chairs: Paula Moreno Casado (Córdoba/ES)
Ferenc Rényi-Vamos (Budapest/HU)

- **O-041**
PATTERNS OF LARYNGOTRACHEAL INVOLVEMENT AND PREDICTORS FOR COMPLICATIONS AFTER AIRWAY RESECTION AND RECONSTRUCTION. A 20-YEAR TEMPORAL COMPARISON OF TWO SURGICAL COHORTS FROM A SINGLE REFERRAL CENTER
Benoit Jacques Bibas, Monique De Oliveira Ceranto, Juliana Vieira De Oliveira Salerno, Helio Minamoto, Paulo Francisco Guerreiro Cardoso, Paulo Manoel Pêgo-Fernandes
São Paulo/BR
- **O-042**
COMPARATIVE ANALYSIS OF OPEN AND ROBOTIC TRACHEOBRONCHOPLASTY FOR EXCESSIVE CENTRAL AIRWAY COLLAPSE AT A HIGH-VOLUME COMPLEX AIRWAY CENTER
Jae M Cho, Sandra Carpenter, Justin Heidel, Fleming Mathew, Michael Kent, Sidhartha Gangadharan, Jennifer Wilson
Boston/US
- **O-043**
LONG-COVID OF THE TRACHEA: AN ANALYSIS ILLUSTRATING THE RELATIONSHIP BETWEEN COVID-19 INFECTION AND POST-INTUBATION TRACHEAL STENOSIS IN THE UNITED STATES
Robert Charles Painter, Kelly Fairbairn, Ali Mahtabifard, Hari Balaji Keshava
Orange/US



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O-044

NEOADJUVANT IMMUNOCHEMOTHERAPY IN PRIMARY TRACHEAL SQUAMOUS CELL CARCINOMA(GALAXY-01)

Jiawei Chen, Hongsheng Deng, Zhufeng Wang,
Jianxing He, Shuben Li
Guangzhou/CN

O-045

OUTCOMES OF LUNG TRANSPLANTATION AFTER CONTROLLED DCD THORACO-ABDOMINAL REGIONAL PERFUSION VS ABDOMINAL REGIONAL PERFUSION: IMPACT OF SIMULTANEOUS HEART AND LUNG PROCUREMENT IN DCD SCENARIO.

Anna Minasyan (1), Mercedes De La Torre Bravos
(1), Joel Rosado Rodriguez (2), Alberto Jauregui
Abularach (2), Alilis Fontana (3), Gabriel Sales (3),
Ivan Martinez (4), Antonio Pablo Gamez Garcia (4),
Loreto Berjon (5), Roberto Jose Mons (5), Francisco
Javier Gonzalez Garcia (6), Angel Salvatierra
Velazquez (6), Pedro Rodriguez Suarez (7), Victoria
Juarez Sanjuan (7), Elisabeth Coll (8), Eduardo
Miñambres (5), Nuria Novoa (9), Jose Luis Campo-
Cañaverl De La Cruz (9)

1. A Coruña/ES, 2. Barcelona/ES, 3. Valencia/ES, 4, 8,
9. Madrid/ES, 5. Santander/ES
6. Cordoba/ES, 7. Las Palmas/ES

O-046

OPTIMAL EVLP DURATION FOR HEAT STRESS RECONDITIONING OF DAMAGED RAT DONOR LUNGS

Roumen Parapanov, Anne Debonneville, Jérôme
Lugrin, Manon Allouche, Lucas Liaudet, Thorsten
Krueger
Lausanne/CH



THE CARBON FOOTPRINT OF THORACIC SURGERY: COSTS FOR HEALTH-SYSTEMS AND OUR PLANET.

SESSION IN CO-OPERATION WITH THE SOCIETY OF THORACIC SURGEONS (STS)

SUNDAY 26 MAY 2024 16:00 - 17:00 h

ROOM 6

Chairs: Rafael Andrade (Minneapolis/US)
Willem-Hans Steup (The Hague/NL)

- The cost and environmental footprint of healthcare in general
Willem-Hans Steup (The Hague/NL)
- The cost and environmental footprint of thoracic surgery
Rafael Andrade (Minneapolis/US)
- Real time carbon footprint analysis of the high volume VATS procedures
Daisuke Nakajima (Szeged/HU)
- Example of a non-European surgeon's initiative
Artur Gomes Neto (Maceio-AL/BR)
- Discussion



ESOPHAGEAL SESSION IX

MONDAY 27 MAY 2024 17:00 - 18:00 h

ROOM 6

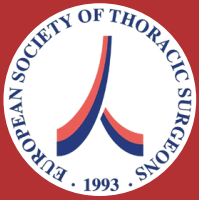
Chairs: Jaroslaw Kuzdzal (Krakow/PL)
Dania Nachira (Rome/IT)

O-053

DO SOCIOECONOMIC FACTORS IMPAIR DELIVERY OF NEOADJUVANT THERAPY FOR PATIENTS WITH LOCOREGIONAL ESOPHAGEAL CANCER?

Rajika Jindani (1), Mohamed Kamel Hussein (2),
Roger Zhu (1), Jorge Humberto Rodriguez-Quintero
(1), Marc Vimolratana (1), Neel Chudgar (1),
Brendon Stiles (1)

1. Bronx/US
2. Rochester/US



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ROOM 6

O-054

DEVELOPMENT AND VALIDATION OF A RADIOMICS-BASED NOMOGRAM FOR PREDICTING A PATHOLOGICAL COMPLETE RESPONSE TO NEOADJUVANT IMMUNOCHEMOTHERAPY FOR PATIENTS WITH POTENTIALLY RESECTABLE ESOPHAGEAL SQUAMOUS CELL CARCINOMA

Yongsen Li, Zihao Lu, Xin Lv, Yonghao Cao, Wenxuan Hu, Chun Xu
Suzhou/CN

O-055

PATIENT-REPORTED OUTCOMES OF PROGNOSTIC NUTRITIONAL INDEX FOR RESECTABLE ESOPHAGEAL SQUAMOUS CELL CARCINOMA

Xinming Nie, Wenwu He, Xuefeng Leng, Yongtao Han, Lin Peng, Xin Nie, Yan Miao
Chengdu/CN

O-056

PREDICTORS OF FAILURE TO RESCUE AFTER ANASTOMOTIC LEAK IN PATIENTS UNDERGOING ESOPHAGECTOMY FOR CANCER IN THE UNITED STATES

Dianela Perdomo, Deven Patel, Albert Leng, Jessica Ruck, Stephen Broderick, Richard Battafarano, Stephen C. Yang, Jinny Ha
Baltimore/US

O-057

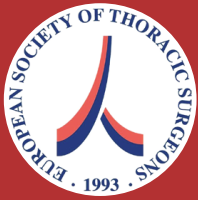
FIBRIN SEALANT FOR PROPHYLAXIS OF CERVICAL ANASTOMOTIC LEAKAGE AFTER MCKEOWN ESOPHAGECTOMY FOR ESOPHAGEAL OR ESOPHAGOGASTRIC JUNCTION CANCER(PLACE030): A PHASE III, MULTICENTER, RANDOMIZED CLINICAL TRIAL

Zerui Zhao (1), Zhichao Li (1), Geng Wang (2), Weizhao Huang (3), Teng Mao (4), Lin Peng (5), Wenqiang Lv (6), Jiyang Chen (1), Hong Yang (1)
1. Guangzhou/CN, 2. Shantou/CN
3. Zhongshan/CN, 4. Shanghai/CN
5. Chengdu/CN, 6. Jieyang/CN

O-058

EFFECTS OF ROBOTIC ASSISTED ESOPHAGECTOMY FOR ESOPHAGEAL CANCER WITH LONG-TERM OUTCOMES FROM A SINGLE INSTITUTION FOR OVER 1100 CASES.

Yuxin Yang, Yang Yang, Chao Jiang, Zhichao Liu, Boyao Yu, Zhigang Li
Shanghai/CN



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ROOM 5



SUNRISE SESSION II ESTS-ITMIG. HIGHLIGHTS OF RECURRENT DISEASE IN THYMIC MALIGNANCIES

MONDAY 27 MAY 2024 07:00 - 07:50 h

ROOM 5

Chairs: Paolo Mendogni (Milan/IT)
Dirk Van Raemdonck (Leuven/BE)

- The new and the next TNM staging system: what about recurrent disease?
Enrico Ruffini (Torino/IT)
- Surgery for recurrent pleural disease: when and how
Bernhard Moser (Vienna/AT)
- New insight in TETs recurrences: current evidence, ongoing studies and future perspectives
Filippo Lococo (Rome/IT)
- The pathologist point of view: tips and pitfalls in TETs recurrent disease
Anja Roden (Rochester/US)
- Discussion

ROOM 4

SYMPOSIUM FOR NURSES & ALLIED HEALTH PROFESSIONALS

MONDAY 27 MAY 2024 08:00 - 17:30 h · ROOM 4

Award: Award: Best Abstract 500 euros award



Laureano Molins, MD, PhD, FEBTS
Chair, Local Organizing Committee



Eric Galve, Javi Martínez & Judit Armas
Nurses & Allied Health Professionals
Symposium Organizers

08:00-08:15

INAUGURAL CEREMONY

Organizing Committee & ESTS Working Group

Chairs: Eric Galve Martínez (Barcelona/ES)
Javier Martínez (Barcelona/ES)
Judit Armas Gay (Barcelona/ES)
Malene Missel (Copenhagen/DK)
Johnny Moons (Leuven/BE)
Florian Fehlmann (Zürich/CH)

08:15-08:45

SMOKING

Chair: Angela Guirao (Barcelona/ES)

- Introduction
Nadia Espinosa (Barcelona/ES)
- Smoking UPDATE
María del Rocío Acuna (Barcelona/ES)
- Discussion



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08:45-09:45

PREHABILITATION

Chair: Álvaro Clemente (Barcelona/ES)

- Training programs for patients prior to thoracic surgery intervention
Raquel Sebio (Barcelona/ES)
- Role of the nutritional adaptation of the patient prior to thoracic surgery
Bárbara Romano (Barcelona/ES)
- Discussion

09:45-10:45

ERAS

Chair: Enrique del Campo (Barcelona/ES)

- Immediate postoperative rehabilitation and mobilization (REAS/URPA). When (red flags) and how to start it
Laura Muelas (Madrid/ES)
N-01
- Ready to go home? Nurse perspectives of prolonged admission for patients undergoing video-assisted thoracoscopic surgery for non-small cell lung cancer in denmark
Malene Missel (Copenhagen/DK)
N-02
- Optimizing nursing care elements as part of an enhanced recovery protocol for lung volume reduction surgery ell lung cancer in denmark
Eva Puttevils (Leuven/BE)
- Discussion

10:45-11:00

Coffee Break

11:00-12:00

POSTOPERATORY MANAGEMENT

Chair: Johnny Moons (Leuven/BE)

- Nursing role in open, minimally invasive and robotic surgery (management in each of them)
Pedro Cartatxo (Barcelona/ES)
N-03
- “Perioptime” the new kid on the block - A refined enhanced recovery program
Florian Fehlmann (Zurich/CH)
N-04
- How are you doing at home? A qualitative pilot study of patients’ experiences of symptoms after lung cancer surgery
Pernille Orloff Donsel (Copenhagen/DK)
- Real patient experience

12:00-13:30

Lunch Break

13:30-14:30

PRACTICAL WORKSHOP

- Simulation in critical situations
Pedro Cartatxo (Barcelona/ES)
- Enhancing patient care with digital chest drains
Understand the application of chest drains.
Hands-on experience: unveiling the advantages of digital chest drains for enhanced patient and nursing care
Fun nurses’ trivia game with exciting prizes

14:30-15:00

POSTERS

Chairs: Eric Galve Martínez (Barcelona/ES)

Judit Armas Gay (Barcelona/ES)

Javier Martinez Guiu (Barcelona/ES)

N-05

CARE OF A PATIENT WITH RECURRENT PNEUMOTHORACES ACCORDING TO WATSON’S THEORY OF HUMAN CARING: A CASE REPORT

Ezgi Eyiler (1), Emine Kol (2)

1. Afyonkarahisar/TR
2. Antalya/TR

N-06

IS THE PREVALENCE OF ATRIAL FIBRILLATION AFTER LUNG CANCER SURGERY DECREASING DUE TO LESS INVASIVE SURGERIES OR ARE WE SIMPLY FAILING TO DETECT THEM BECAUSE OF SHORTER HOSPITALIZATIONS?

Hanne Declerck, Johnny Moons, Chloé Weynants, Eva Puttevils, Yanina Jansen, Paul De Leyn, Lieven Depypere
Leuven/BE

N-07

NURSES’ USE OF PHYSICAL EXAMINATION METHODS IN THORACIC SURGERY CLINICS: AN OBSERVATION STUDY

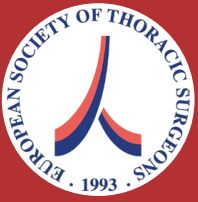
Aysegül Korkmaz Dogdu, Emine Kol

Antalya/TR

N-08

CHEST TUBES NURSING CARE MANAGEMENT – COMPLICATIONS AND TROUBLESHOOTING (2017 - 2024)

Karmen Gacic, Marija Bizilj, Bojana Smrke Kumer
Ljubljana/SL



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15:00-15:30
Coffee Break

15:30-16:30
SYMPOSIUM

Chairs: Eric Galve Martinez (Barcelona/ES)
Judith Armas Gay (Barcelona/ES)
Javier Martinez Guiu (Barcelona/ES)

- Abstract presentation

N-09
National Scalability of Distant Patient Video Monitoring: Validating Improved Outcomes in High-Risk Patients

Marijana Zubrinic (1), Alim Hirji (2), Leann Shewchuk (2), Nicole Zahara (2), Emily Hannon (1), Ashley Liu (1), Jimmy Qiu (1), Justin Young (1), Shaf Keshavjee (1)
1. Toronto/CA
2. Edmonton/CA

N-10
EARLY WARNING SCORE (NEWS) AFTER ESOPHAGECTOMY: PRACTICAL USEFULNESS FOR NURSES.

Eveline Gijbels, Johnny Moons, Chloé Weynans, Ninke Tuerlinckx, Eva Puttevels, Hanne Declerck, Lieven Depypere, Toni Lerut, Theo Van Achterberg, Philippe Nafteux
Leuven/BE

N-11
EFFECTIVENESS OF BREATHING RELAXATION EXERCISES ON PAIN DUE TO CHEST TUBE REMOVAL

Ezgi Eyiler (1), Ayse Yacan Kök (2)
1. Afyonkarahisar/TR
2. Antalya/TR

N-12
NIGHTMARES IN INHALATION THERAPY - A GUIDE ON HOW TO AVOID REGULAR ERRORS WITH A SPECIAL EMPHASIS ON POSTOPERATIVE THORACIC SURGERY PATIENTS

Florian Fehlmann
Zurich/CH

N-13
‘STAYING COOL, CALM AND POSITIVE’ - A QUALITATIVE ANALYSIS OF EMOTIONAL REACTIONS IN NARRATIVES ABOUT OPERABLE LUNG CANCER

Mai Nanna Schoenau, Malene Missel
Copenhagen/DK

16:30-17:00
CLOSING CEREMONY
Organizing Committee & ESTS Working Group

NURSES AND ALLIED HEALTH PROFESSIONALS AWARD DELIVERED DURING THE ESTS PARTY
TUESDAY 28 MAY 2024 - 10:00-12:00 h

10:00-12:00
HOSPITAL CLINIC TOUR

- Operating room
- Respiratory intensive care
- Thoracic surgery unit
- Prehabilitation





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OTHER ROOMS

INDUSTRY-SPONSORED SYMPOSIA
MONDAY 27 MAY 2024 12:30 - 13:30 h
OTHER ROOMS

SCIENTIFIC PROGRAM - MONDAY 27 MAY

POSTER AREA

MODERATED POSTER SESSION
MONDAY 27 MAY 2024 17:00 - 18:00 h
POSTER AREA

Award: ESTS Poster Prize € 500 offered for the best poster presentation.

Chair: Hugh Auchinloss (Boston/US)
Federico Raveglia (Milan/IT)

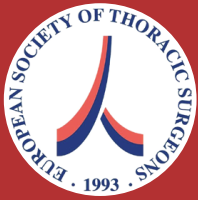
P-013
A COMPARISON BETWEEN HIGH MORTALITY RISK GENES IN LUNG ADENOCARCINOMA AND PROGRESSION FREE INTERVAL (PFI) GENES IN LUAD AND LUSC: +A LARGE TCGA POPULATION ANALYSIS.
Beatrice Aramini (1), Federico Banchelli (2), Valentina Masciale (3), Massimo Dominici (4), Adriano Zaghi (5), Daniele Dall’Olio (5), Gastone Castellani (5), Franco Stella (1)
1. Forlì/IT
2, 5. Bologna/IT
3, 4. Modena/IT

P-014
SIT UP STRAIGHT! THE IMPORTANCE OF GOOD POSTURE IN SURGICAL PERFORMANCE OF ROBOTIC ASSISTED THORACIC SURGERY
Ahmed G Elkhoully (1), Gowthanan Santhirakumaran (2), Ben Shanahan (2), Al-Rhan Dhanji (2), Ilecia Baboolal (2), Kire Temov (2), Tim Batchelor (2), Henrietta Wilson (2), David Waller (2), Steven Stamenkovic (2), Kelvin Lau (2)
1. Tanta/EG, 2. London/UK

P-015
DOES THE USE OF INTRAOPERATIVE NASOGASTRIC TUBE DURING ROBOTIC THORACIC SURGERY REDUCE THE RISK OF POSTOPERATIVE GASTROINTESTINAL AND RESPIRATORY COMPLICATIONS?
Sara Volpi, Federico Femia, Giulia Fabbri, Arthur Streit, Alex Smith, George Christodoulides, Craig Johnstone, Tom Routledge, Andrea Bille
London/UK

P-016
NEOADJUVANT CHEMOTHERAPY IN SQUAMOUS CELL CARCINOMA OF ESOPHAGUS AND EGJ: A RANDOMISED CONTROLLED TRIAL COMPARING CDDP+5FU WITH PACLITAXEL+CARBOPLATIN
Naveen Kumar, Amitabh Mondal, Sandeep Bhorawal, Svs Deo, Atul Sharma, Raja Pramanik, Sushmita Pathy, Rakesh Kumar, Sunil Kumar
New Delhi/IN

P-017
MULTI-OMICS ANALYSIS OF?-HYDROXYBUTYRYLATED(KBHB) AND/OR PHOSPHORYLATED MODIFICATION OF ONE-LUNG VENTILATION PRECONDITION AGAINST ONE-LUNG VENTILATION INJURY
Di Lu, Jiangsheng Zhang, Zhiming Chen, Zhizhi Wang, Jiayang Fan, Kaican Cai
Guangzhou/CN



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POSTER AREA

P-018

RATE OF EARLY RESTENOSIS AFTER TRACHEAL RESECTION IN PATIENTS POST-COVID-19 INFECTION: A MULTICENTER REAL-LIFE STUDY

Giuseppe Mangiameli (1), Beatrice Trabalza Marinucci (2), Umberto Cariboni (1), Giulio Maurizi (2), Diana Bacchin (3), Marco Lucchi (3), Marco Mammana (4), Federico Rea (4), Debora Brascia (5), Giuseppe Marulli (1), Erino Angelo Rendina (2)

1. Milan/IT, 2. Rome/IT, 3. Pisa/IT
4. Padua/IT, 5. Bari/IT

P-019

ASSOCIATION BETWEEN IMAGING MORPHOLOGY AND PROGNOSIS IN PATIENTS UNDERGOING RESECTION FOR PULMONARY METASTASES OF COLORECTAL CANCER.

Hiroshi Matsui, Ryunosuke Ina, Ayu Okui, Haruaki Hino, Tomohito Saito, Takahiro Utsumi, Natsumi Maru, Yohei Taniguchi, Tomohiro Murakawa
Osaka/JP

P-020 PERIOPERATIVE RISKS IN UNDIAGNOSED SLEEP-DISORDERED BREATHING: CARBON NANOTUBE SENSOR FEASIBILITY STUDY

Yasuhiro Nakashima (1,2), Masashi Kobayashi (1,3), Ayaka Asakawa (1), Katsutoshi Seto (1), Hironori Ishibashi (1), Yohei Wada (4), Katsunori Suzuki (4), Koshiro Okumoto (5), Haruka Horiuchi (5), Takaaki Sugino (5), Shiro Sonoda (6), Takayuki Honda (6), Tomoya Tateishi (6), Yasunari Miyazaki (6), Yoshikazu Nakajima (5), Kenichi Okubo (1)

1, 2, 5, 6 Tokyo/JP, 3. Okayama/JP
4. Shizuoka/JP

P-021

AUTOMATED CT QUANTIFICATION OF INTERSTITIAL LUNG ABNORMALITY IN PATIENTS WITH RESECTABLE STAGE I LUNG CANCER: PROGNOSTIC SIGNIFICANCE

Jongmyung Park, Dohyung Kim, Soosung Kim
Yangsan/KR

P-022

THE OPTIMAL TIME TO TREATMENT ON OVERALL SURVIVAL IN PATIENTS WITH ESOPHAGEAL SQUAMOUS CELL CARCINOMA UNDERGOING NEOADJUVANT THERAPY

Dong Tian, Shi-Xiang Liu, Long-Qi Chen
Chengdu/CN

P-023

THE IMPACT OF PLEURAL METASTASIS IN PREOPERATIVE PERCUTANEOUS TRANSTHORACIC NEEDLE BIOPSY IN CLINICALLY EARLY STAGE NON-SMALL CELL LUNG CANCER

Taeyoung Yun, Samina Park, Young Tae Kim, Chang Hyun Kang, In Kyu Park, Hyun Joo Lee, Kwon Joong Na, Bubse Na, Ji Hyeon Park
Seoul/KR

P-024

CHARACTERIZATION AND PREDICTION OF 5-YEAR AND 10-YEAR SURVIVORS OF ESOPHAGEAL CANCER BENEFITING FROM NEOADJUVANT THERAPY

Yajie Zhang (1), Tianzheng Shen (1), Yuqin Cao (1), Binhao Huang (2), Jie Zhang (3), Hecheng Li (1)
Shanghai/CN



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PULMONARY NEOPLASTIC II (EARLY STAGE LUNG CANCER) SESSION X

TUESDAY 28 MAY 2024 08:00 - 09:30 h

AUDITORIUM

Award: ESTS-AATS Foundation Excellence Award 2000 euros

Chair: Douglas Wood (Seattle/US)

Clemens Aigner (Vienna/AT)

- **CON.** Is there a role for completion lobectomy after segmentectomy with unforeseen N1?

David Waller (Leicester/UK)

- **PRO.** Is there a role for completion lobectomy after segmentectomy with unforeseen N1?

Alessandro Brunelli (Leeds/UK)

O-059

EFFICACY OF ADJUVANT URACIL-TEGAFUR THERAPY IN COMPLETELY RESECTED, NODE-NEGATIVE LUNG ADENOCARCINOMA PATIENTS: A MULTICENTER REAL- WORLD CLINICAL REGISTRY STUDY

Kosuke Fujino (1), Kenichi Suda (2), Mao Yoshikawa (3), Kazuhiko Shien (3), Ken Suzawa (3), Kotaro Nomura (4), Fumihiko Kinoshita (5), Shinkichi Takamori (5,6), Kazuki Hayasaka (7), Hirotsugu Notsuda (7), Satoshi Muto (8), Shinya Katsumata (9), Mototsugu Shimokawa (10), Takamasa Koga (1), Makoto Suzuki (1)

1. Kumamoto/JP, 2. Osaka-Sayama/JP
3. Okayama/JP, 4. Kashiwa/JP
5. Fukuoka/JP, 6. Oita/JP
7. Sendai/JP, 8. Fukushima/JP,
9. Shizuoka/JP, 10. Yamaguchi/JP

O-060

INTRAOPERATIVE SURGICAL MARGIN ASSESSMENT OF SUBLOBAR LUNG RESECTION SPECIMENS USING COMPUTED TOMOGRAPHY

Shinsuke Kitazawa, Nicholas Bernards, Yuki Sata, Fumi Yokote, Hiroyuki Ogawa, Takamasa Koga (1), Yoshihisa Hiraishi, Takahiro Yanagihara, Alexander Gregor, Laura Donahoe, Jonathan Yeung, Marcelo Cypel, Marc De Perrot, Andrew Pierre, Thomas Waddell, Shaf Keshavjee, Michael Cabanero, Kazuhiro Yasufuku

Toronto/CA

O-061

CLINICAL STAGE IA NON-SMALL CELL LUNG CANCER WITH INCIDENTAL PATHOLOGIC N1 AND N2 DISEASE AFTER SEGMENTECTOMY: DOES A COMPLETION LOBECTOMY JUSTIFY?

Xun Luo, Jeremiah Hayanga, James Mehaffey, Jason Lamb, Stuart Campbell, Shalini Reddy, Vinay Badhwar, Alper Toker
Morgantown/US

O-062

HIGH BARRIERS TO CARE ARE ASSOCIATED WITH STEREOTACTIC RADIATION TREATMENT INSTEAD OF SURGERY FOR PATIENTS WITH OPERABLE STAGE I NSCLC.

Jorge Humberto Rodriguez-Quintero (1), Mohamed K Kamel (2), Roger Zhu (1), Rajika Jindani (1), Marc Vimolratana (1), Neel Chudgar (1), Brendon Stiles (1)

1. Bronx/US
2. Rochester/US

O-063

REAL-WORLD DATA AND UTILITY OF NEWLY PROPOSED GRADING SYSTEM FROM INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER FOR INVASIVE LUNG ADENOCARCINOMA IN JAPAN

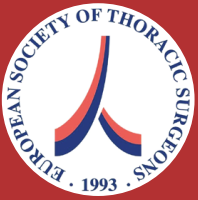
Kyoshiro Takegahara (1), Hironobu Hoshino (2), Akira Hamada (3), Naoki Haratake (4), Shinya Katsumata (5), Masaki Hashimoto (1), Seiki Hasegawa (1)

1. Nishinomiya/JP, 2. Okinawa/JP
3. Osaka- Sayama/JP, 4. Fukuoka/JP
5. Shizuoka/JP

O-064

COMPARISON BETWEEN LOBECTOMY AND SEGMENTECTOMY IN DIFFERENT SUBTYPES OF STAGE I ADENOCARCINOMA. A SEER DATABASE ANALYSIS.

Luigi Ventura, John Edwards, Ashok Kar, Jagan Rao, Pradeep Wijerathne, Sara Tenconi
Sheffield/UK



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O-065

PATTERN AND PREOPERATIVE RISK FACTORS OF OCCULT LYMPH NODE METASTASIS IN CLINICAL STAGE I LUNG CANCER

Young Ho Yang, Ha Eun Kim, Byung Jo Park, Jin Gu Lee, Dae Joon Kim, Chang Young Lee
Seoul/KR

VOGT-MOYKOPF LECTURE

TUESDAY 28 MAY 2024 09:30 - 10:00 h

AUDITORIUM

Chair: Jozsef Furak (Szeged/HU)

O-075 PROGNOSTIC IMPLICATIONS OF TUMOUR SIZE IN THYMIC EPITHELIAL TUMOURS: AN ANALYSIS FROM THE ESTS THYMIC DATABASE.

Marco Chiappetta (1), Filippo Lococo (1), Carolina Sassorossi (1), Bernhard Moser (2), Paul Van Schil (3), Apostolos Agrafiotis (4), Alexandr Podobed (5), Moishe Liberman (6), Isabelle Opitz (7), Giovanna Rizzarda (8), Charalambros Zisis (9), Matthias Esch (10), Hruy Menghesha (11), Jozsef Furak (12), Paolo Mendogni (13), Enrico Ruffini (14)/FRsco Guerrera (14), Federico Venuta (15), Luca Voltolini (16)/FRsco Londero (17), Monica Casiraghi (18), Marco Scarci (19), Ivan Bravio (20), Emanuele Voulaz (21), Vitaly Barmin (22), Florentino Hernan Trancho (23), Akif Turna (24), Vipin Zamvarv (25), Andrea Billè (26), Stefano Cafarotti (27), Annalisa Campanella (28), Stefano Margaritora (1)

1, 15, 28. Rome/IT, 2. Vienna/AT

3. Antwerp/BE, 4. Saint Pierre/BE

5. Belarus, Belarus, 6. Montreal/CA

7. Zurich/CH, 8. Bergamo/IT

9. Athens/GR, 10. Delmenhorst/DE

11. Essen/DE, 12. Szeged/HU

13, 18, 21. Milan/IT, 14. Torino/IT, 16. Firenze/IT, 17.

Udine/IT, 19, 26. London/UK, 20. Lisbon/PT,

22. Moscow/RU, 23. Madrid/ES, 24. Istanbul/TR

25. Edinburgh/UK, 27. Bellinzona/CH

Discussant: Nuria Maria Novoa (Madrid/ES)



EDITORS SESSION

HOW TO SPEED UP YOUR CAREER IN THORACIC SURGERY?

TUESDAY 28 MAY 2024 10:00 - 11:00 h

AUDITORIUM

Chairs: Pierre Emmanuel Falcoz (Strasbourg/FR)

Alexander Patterson (St. Louis/US)

Matthias Siepe (Bern/CH)

- How to organise and carry out clinical research?
Matthias Siepe (Bern/CH)
- How to write a paper?
Alexander Patterson (St. Louis/US)
- How to Survive Peer Review?
Brian Mitzman (Utah/US)



EXTRAORDINARY GUEST LECTURE

THE SAGRADA FAMÍLIA OF ANTONI GAUDÍ: PROJECT AND CONSTRUCTION

TUESDAY 28 MAY 2024 11:30 - 12:00 h

AUDITORIUM

Jordi Faulí (Barcelona/ES)





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MEDIASTINUM SESSION XIII

TUESDAY 28 MAY 2024 13:00 - 14:00 h

AUDITORIUM

Chair: Jens Rueckert (Berlin/DE)
Witold Rzyman (Gdansk/PL)

- Is there a role for IO in thymic tumors
Enrico Ruffini (Torino/IT)

O-082

THYMECTOMY DOES NOT ELEVATE THE INCIDENCE OF MALIGNANT LESIONS IN PATIENTS WITH MYASTHENIA GRAVIS

András Buzás (1), Balázs Pécsy (1), Livia Dézsi (2), Attila Farkas (3), József Furák (1)

- 1, 2. Szeged/HU
3. Szombathely/HU

O-083

CLINICAL SIGNIFICANCE OF PET-CT SUVMAX IN THE CLASSIFICATION OF THYMIC TUMORS

Jian Gao, Si-Yang Wang, Yong-Qiang Ao, Miao Lin, Shuai Wang, Jia-Hao Jiang, Hong-Cheng Shi, Jian-Yong Ding
Shanghai/CN

O-084

LONG-TERM ARTIFICIAL VESSEL PATENCY AND COLLATERAL VESSEL DISTRIBUTION AFTER SUPERIOR VENA CAVA RECONSTRUCTION COMBINED WITH RESECTION OF THYMIC TUMORS

Jiahao Jiang, Junzhen Liu, Shuai Wang, Jian Gao, Yongqiang Ao, Yuansheng Zheng, Lijie Tan, Jianyong Ding
Shanghai/CN

O-085

ROBOT-ASSISTED THYMECTOMY FOR LARGE THYMOMAS: SURGICAL AND LONG-TERM ONCOLOGICAL OUTCOMES FROM A MULTICENTER STUDY

Dania Nachira (1), Elisa Meacci (1), Luca Bertolaccini (2), Pierluigi Novellis (3), Pietro Bertoglio (4), Angela De Palma (5), Rosalia Romano (6), Federico Raveglia (7), Marco Chiappetta (1), Matteo Chiari (2,8), Sebastiano Maiorca (2,8), Cinzia Scala (3,9), Matteo Petroncini (4), Debora Brasica (5), Graziana Carleo (5)/FRsca Spinelli (7)/FRsco Petrella (7), Diego Gavezzoli (6), Piergiorgio Solli (4), Giulia Veronesi (3,9), Lorenzo Spaggiari (2,8), Stefano Margaritora (1)

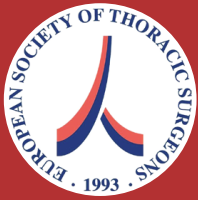
1. Rome/IT, 2, 3, 8, 9. Milan/IT
4. Bologna/IT, 5. Bari/IT
6. Verona/IT, 7. Monza/IT

O-086

SURGICAL OUTCOMES AND PROGNOSTIC FACTORS ASSOCIATED WITH ADVANCED THYMIC EPITHELIAL TUMOURS REQUIRING A COMBINED RESECTION OF ADJACENT ORGANS AND DISSEMINATION: A MULTI-INSTITUTIONAL RETROSPECTIVE STUDY

Satoru Okada (1,2), Shunta Ishihara (3), Chiaki Nakazono (1), Yasushi Ueshima (3), Masashi Yanada (4), Tsunehiro Ii (5), Kenji Kameyama (1,5), Satoshi Ikebe (6), Hiroaki Tsunozuka (7), Motohiro Nishimura (8), Shinya Ito (9), Kunihiko Terauchi (10), Kazuhiro Ito (11), Daishiro Kato (12), Hiroyuki Izumi (13), Hirofumi Suzuki (14), Masanori Shimomura (1), Tatsuo Furuya (1), Masayoshi Inoue (1)

- 1, 3, 4. Kyoto/JP, 2. Nantan/JP
5. Ayabe/JP, 6. Fukuchiyama/JP
7. Otsu/JP, 8. Suita/JP
9. Uji/JP, 10. Nara/JP
11. Kizugawa/JP, 12. Ritto/JP
13. Moriguchi/JP, 14. Osaka/JP



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BREAKING CLINICAL TRIALS SESSION XIV

TUESDAY 28 MAY 2024 14:30 - 15:30 h

AUDITORIUM

Chair: Isabelle Opitz (Zurich/CH)

SEGMENTECTOMY VERSUS LOBECTOMY FOR LUNG CANCER WITH MICROPAPILLARY AND SOLID PATTERNS NEGATIVE BY FROZEN SECTION: POST- HOC ANALYSIS OF A RANDOMIZED, PHASE 3 TRIAL

Chang Chen (1), Hang Su (1), Long Xu (1), Dong Xie (1), Liang Duan (1), Haifeng Wang (1), Yuming Zhu (1), Wenxin He (1), Yiming Zhou (1), Boxiong Xie (1), Xuefei Hu (1), Ming Liu (1), Qiankun Chen (1), Jiang Fan (1), Xiong Qin (1), Hongcheng Liu (1), Deping zhao (1), Junqiang Fan (2), Ning xu (3), Weirong Shi (4), Jianle Chen (5), Yunzeng Zhang (6), Huibiao zhang (7)

1, 7. Shanghai/CN, 2. Hangzhou/CN
3. Hefei/CN, 4. Ningbo/CN
5. Jiangsu/CN, 6. Jinan/CN

PERIOPERATIVE DURVALUMAB IN ADDITION TO NEOADJUVANT CHEMOTHERAPY IN PATIENTS WITH STAGE IIIA(N2) NON-SMALL-CELL LUNG CANCER – FIVE-YEAR SURVIVAL AND SURGICAL OUTCOMES OF THE MULTICENTER SINGLE-ARM PHASE II TRIAL SAKK 16/14

Michel Gonzalez (1), Isabelle Opitz (2), Stefanie Hayoz (3), Alfred Zippelius (4), Adrienne Bettini (5), Martin Früh (6), Didier Lardinois (7), Hans Gelpke (8), Christian Britschgi (9), Solange Peters (10), Michael Mark (11), Adrian F. Ochsenbein (12), Wolf-Diete Janthur (13), Christine Waibel (14), Nicolas Mach (15), Patrizia Froesch (16), Martin Buess (17), Pierre Bohanes (18), Miklos Pless (19), Sacha I. Rothschild (20)

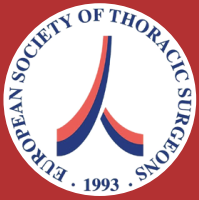
1, 10, 18, 20. Lausanne/CH
2, 9. Zurich/CH
3, 7, 17. Basel/CH, 5. Fribourg/CH, 6. St.gallen/CH
8, 19. Winterthur/CH

11. Chur/CH, 12. Bern/CH
13. Arau/CH, 14. Baden/CH
15. Geneva/CH, 16. Locarno/CH

AEGEAN: A GLOBAL PHASE 3 TRIAL OF NEOADJUVANT DURVALUMAB + CHEMOTHERAPY FOLLOWED BY ADJUVANT DURVALUMAB IN PATIENTS WITH RESECTABLE NON-SMALL-CELL LUNG CANCER (NSCLC)

David Harpole (1), John V. Heymach (2), Martin Reck (3), Janis M. Taube (4), Shugeng Gao (5), Yoshitsugu Horio (6), Jian You (7), Somcharoen Saeteng (8), Fumihiko Tanaka (9), Grzegorz Kulesza (10), Stefan B. Watzka (11), Laszlo Urban (12), Hiroaki Akamatsu (13), Francisco J Orlandi (14), Carlos Henrique Andrade Teixeira (15), Giulia Pasello (16), Gary J. Doherty (17), Zac Atter (18), Zhou Zhu (19), Tamer M. Fouad (20), Davina Gale (21), Mike Aperghis (22), Tetsuya Mitsudomi (23)

1. Durham/US, 2. North Carolina/US, 3. Houston/DE, 4. Texas/US, 5. Grosshansdorf/CN, 6. Baltimore/JP, 7. Aichi/CN, 9. Tianjin/TH, 10, 14. Kunming/JP, 11. Chiang Mai/PL, 12. Kitahysshu/HU, 13. Olsztyn/HU, 15. Matrahaza, Chile, 16. Matrahaza/BR, 17. Wakayama/IT, 18. Providencia/UK, 19. Sao Paulo/UK, 20. Padua/US, 21, 22. Cambridge/US, 23. New York/JP



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IMPACT OF SURGICAL FACTORS ON EVENT-FREE SURVIVAL IN THE RANDOMIZED, PLACEBO-CONTROLLED, PHASE 3 KEYNOTE-671 TRIAL OF PERIOPERATIVE PEMBROLIZUMAB FOR EARLY-STAGE NON-SMALL-CELL LUNG CANCER (NSCLC)

Ernest Nadal (1), Jonathan D Spicer (2), Moishe Liberman (3), Shugeng Gao (4), Balazs Halmos (5), Anna Lowczak (6), Martin Reck (7), Silvia Novello (8), Danielli Matias (9), Alexander Luft (10), Rina Hui (11), Se-Hoon Lee (12), Yuming Zhu (13), Benny Weksler (14), Erin Jensen (15), Ayman Samkari (15), Steven M. Keller (15), David R. Jones (16)

1. Barcelona/ES, 2. Montreal/CA

3. Stanford/US, 4. Beijing/CN

5, 16. New York/US

6. Olsztyn/PL, 7. Grosshansdorf/DE

8. Natal/BR, 10. St Petersburg/RU

11. Sydney, Australia, 12. Seoul/KR

13. Shanghai/CN, 14. US

15. Rahway/US



VIDEO II SESSION XVII

TUESDAY 28 MAY 2024 16:30 - 17:30 h

AUDITORIUM

Chair: Ricardo Mingarini Terra (Sao Paulo/BR)

Marcello Migliore (Riyadh/SA)

V-099

PULMONARY SEQUESTRATION APPROACH IN A CHILD USING ROBOTIC PLATFORM: A CASE REPORT AND THERAPEUTIC STRATEGIES

Hyroan Correa Brandell, Ismar Gobira Chagas, Jaqueline Schaparini Fonini, Eserval Rocha Junior, Alessandro Wasum Mariani, Jose Ribas Milanez De Campos, Ricardo Mingarini Terra
São Paulo/BR

V-100

ROBOTIC RIGHT DIAPHRAGM PPLICATION USING BARBED SUTURE

Mohammad Alomari, Mathew Thomas, Danielle Estes, Ian Makey
Jacksonville/US

V-101

MINIMALLY INVASIVE APPROACH FOR EN-BLOC ANATOMICAL LUNG AND VERTEBRAE RESECTION

Hüseyin Melek, Gizem Gedikoglu Pirim, Elchin Suleymanov, Cengiz Gebitekin, Burak Akesen
Bursa/TR

V-102

VIDEO-ASSISTED THORACOSCOPIC SURGERY (VATS) LUNG-SPARING LEFT MAIN BRONCHUS SLEEVE RESECTION EN BLOC WITH SUBCARINAL LYMPH NODE

Mingyon Mun, Ayumi Suzuki, Junji Ichinose, Yosuke Matsuura, Masayuki Nakao
Tokyo/JP

V-103

BLEEDINGS RELATED TO THE INCORRECT USE OF SURGICAL TOOLS

Samuele Nicotra, Vincenzo Verzeletti, Alessandro Rebusso
Padua/IT

V-104

POST TRAUMATIC CHILOTHORAX TREATED WITH THORACIC DUCT CLOSURE ICG GUIDED IN U-VATS

Carolia Sassorossi, Marco Chiappetta, Dania Nachira, Alberto Biondi, Stefano Margaritora (1)
Rome/IT



THE FUTURE IS HERE - LEVERAGING DATABASES AND AI. SESSION IN CO-OPERATION WITH THE CANADIAN ASSOCIATION OF THORACIC SURGERY (CATS)

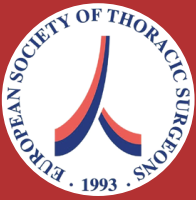
TUESDAY 28 MAY 2024 15:30 - 16:30 h

AUDITORIUM

Chairs: A. John Dickie (Oshawa/CA)

Yaron Shargall (Ontario/CA)

- Leveraging Databases - The Positive Deviance Seminar
Andrew John Ervine Seely (Ottawa/CA)
- ESTS Database and CATS Database - Can They Align? Lessons Learned From Previous Trans-Atlantic Collaborations
Alessandro Brunelli (Leeds/UK)
- Lung Transplant and AI - An Up and Coming Revolution?
Shaf Keshavjee (Toronto/CA)
- AI And The Tumour Microenvironment - Current Status and Future Applications
Jonathan Spicer (Montreal/CA)



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ROOM 6

SUNRISE SESSION III ESTS-ECTTA TRANSPLANT SESSION. CONTROLLED HYPOTHERMIC STORAGE: LEAVING THE ICE-AGE BEHIND

TUESDAY 28 MAY 2024 07:00 - 07:50 h

ROOM 6

Chairs: Irene Bello (Barcelona/ES)
Laurens Ceulemans (Leuven/BE)

- **State-of-the-art: protective mechanisms of controlled hypothermic lung preservation**
Laurens J. Ceulemans (Leuven/BE)
- **PRO. Debate: logistics of controlled hypothermic storage**
Jasleen Kukreja (San Francisco/US)
- **CON. Debate: logistics of controlled hypothermic storage**
José Luis Campo - Cañaverall de la Cruz (Madrid/ES)

PULMONARY NON-NEOPLASTIC SESSION XI

TUESDAY 28 MAY 2024 08:00 - 09:00 h

ROOM 6

Chairs: Bedrettin Yildizeli (Istanbul/TR)
Katarzyna Zanowska (Krakow/PL)

O-066 IMPACT OF THE ESTABLISHMENT OF A MULTIDISCIPLINARY NATIONAL CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION (CTEPH) BOARD ON A MONOCENTRIC SURGICAL ENDARTERECTOMY PROGRAM

Bianca Battilana (1), Mona Lichtblau (2), Laura Mayer (2), Thomas Frauenfelder (3), Thomas Pfammatter (3), Sabine Franckenberg (3), Gilbert Puipe (3), John-David Aubert (4), Benoît Lechartier (4), Andrei Mihai Darie (5), Sabina Anna Guler (6), Jean-François Deux (7), Jean-Marc Fellrath (8), Patrick Yerly (9), Frédéric Lador (10), Silvia Ulrich (2), Isabelle Opitz (1)

1, 2, 3. Zurich/CH,
4, 9. Lausanne/CH, 5. Basel/CH
6. Berne/CH, 7, 10. Geneva/CH
8. Neuchâtel/CH

O-067

EXERCISE TRAINING ATTENUATES ONE-LUNG VENTILATION INDUCED LUNG INJURY BY REGULATING THE PULMONARY MICROBIOTA

Zhiming Chen, Di Lu, Zhizhi Wang, Jiayang Fan,
Yikuan Cai, Huajie Li, Kaican Cai
Guangzhou/CN

O-068

EARLY OUTCOMES ROBOTIC VERSUS VIDEO- THORACOSCOPIC ANATOMICAL SEGMENTECTOMY: A PROPENSITY SCORE-MATCHED REAL-WORLD STUDY

Maria Teresa Gomez-Hernandez (1), Clara Forcada Barreda (1), Francisco Gomez Valle (1), Mehlika Iscan (2), Marta G. Fuentes Gago (1), Cristina E. Rivas Duarte (1), Jose Luis Aranda Alcaide (1), Oscar Colmenares Mendoza (1), Gonzalo Varela (3), Marcelo Jimenez Lopez (1)
1, 3. Salamanca/ES, 2. Istanbul/TR

O-069

INCREASED SURGICAL RISK DUE TO SMOKING IS ONLY PARTIALLY REVERSIBLE. RESULTS FROM THE SFCTCV DATABASE

Francesco Leo (1), Giuseppe Migliaretti (2), Simona Sobrero (1), Dan Angelescu (3), Amilcar Di Geronimo (3), Marcel Dahan (4), Jacques Jougon (5)
1, 2. Turin/IT, 3. Périgueux/FR
4. Toulouse/FR, 5. Bordeaux/FR

O-070

A NOVEL APPROACH: COMPUTED TOMOGRAPHY BASED ARTIFICIAL INTELLIGENCE IMAGE REGRESSION MODEL TO EVALUATE PULMONARY FUNCTION

Di Lu (1), Xing Yuan (1), Liuyin Chen (2), Zhizhi Wang (1), Zhiming Chen (1), Yupeng Cai (1), Yu Tong (1), Jiayang Fan (1), Kaican Cai (1)
1. Guangzhou/CN, 2. Hong Kong/CN



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O-071

IMPACT OF A HYBRID, SHORT-TERM PREHABILITATION ON FUNCTIONAL AND PATIENT-REPORTED OUTCOMES IN PATIENTS UNDERGOING LUNG RESECTION FOR NSCLC IN A REAL-WORLD SETTING

Gowthanan Santhirakumaran (1), Alice Finch (1), Saif Alshdifat (1), Jack Jones (1), Grant Duncan (1), Piley Cooper (1), Anthony Assadourian (1), Kelvin Lau (1), William Ricketts (1), Cecilia Pompili (1,2)

1. London/UK
2. Hull/UK

O-072

NOVEL USES OF QUANTITATIVE CT SOFTWARE IN LUNG VOLUME REDUCTION

Ben Shanahan, Joanne Hargrave, Periklis Perikleous, Michelle Lee, David Waller
London/UK

O-073

MULTIMODAL ANALGESIA AND CARE BASED ON ESTS/ERAS GUIDELINES IMPLEMENTED ACROSS A U.S. HEALTHCARE SYSTEM ARE ASSOCIATED WITH RISK-ADJUSTED DECREASES IN OPIOID UTILIZATION FOLLOWING ANATOMIC LUNG RESECTION

Christina M Stuart (1), Adam R Dyas (1), Michael R Bronsert (1), Kyle E Bata (1), Benjamin A Adams (1), Alyson D Kelleher (2), Annette S Vizena (3), Matthew G Blum (4), Kathryn E Hoidal (1), Mitchell C Erikson (1), Simran K Randhawa (1), Elizabeth A David (1), John D Mitchell (1), Robert A Meguid (1)

- 1, 2. Aurora/US
- 3, 4. Colorado Springs/US

O-074

THE IMPACT OF BILATERAL LUNG VOLUME REDUCTION SURGERY ON LUNG FUNCTION DECLINE

Christelle M Vandervelde (1), Jorine E Hartman (2), Walter Weder (3), Dirk-Jan Slebos (2), Stephanie Everaerts (1), Wim Janssens (1), Laurens J Ceulemans (1)

1. Leuven/BE
2. Groningen/NL
3. Zurich/CH



CHEST WALL/DIAPHRAGM/PLEURA SESSION XII

TUESDAY 28 MAY 2024 10:30 - 11:30 h

ROOM 6

Chairs: Erik de Loos (Heerlen/NL)
Elena Prisciandaro (Bari/IT)

O-076

SURGERY FOR PLEURAL MESOTHELIOMA IN MULTIMODALITY SETTING: COMPARISON BETWEEN SURGICAL TECHNIQUES IN A HIGH-VOLUME CENTER

Eleonora Faccioli, Andrea Dell'Amore, Gianluca Canu, Giulia Pasello, Giovanni Zambello, Matteo Sepulcri, Viola Sambataro, Marco Schiavon, Chiara Giraudo, Fiorella Calabrese, Federico Rea
Padova/IT

O-077

LONG TERM OUTCOME AND PROGNOSTIC FACTORS AFTER CHEST WALL RESECTION AND RECONSTRUCTION

Alba Maria Fernandez (1), Jose Matilla (2), Laura Gonzalez (3), Merjem Begic (2), Clemens Aigner (2)
1. Cordoba/ES, 2. Vienna/AT
3. Oviedo/ES

O-078

SURVEY OF ISOLATED CHEST TRAUMA IN JAPAN BASED ON THE JAPAN TRAUMA DATA BANK

Hitoshi Igai (1), Kimihiro Shimizu (2), Shuji Mishima (2), Ichiro Okada (3), Toru Takiguchi (3), Makoto Aoki (1), Youichi Yanagawa (4), Taizo Saito (5), Kenji Suzuki (6), Morihito Okada (7), Masayuki Chida (8), Ichiro Yoshino (9)
1. Maebashi/JP, 2. Matsumoto/JP
3. Tokyo/JP, 4. Shizuoka/JP
5. Saitama/JP, 6. Tokyo/JP
7. Hiroshima/JP, 8. Tochigi/JP
9. Chiba/JP



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O-079

EVOLUTION OF DIAPHRAGM PPLICATION SURGERY FOR UNILATERAL DIAPHRAGMATIC PARALYSIS - FROM THORACOTOMY TO VIDEO-ASSISTED THORACOSCOPY, A SINGLE CENTRE RETROSPECTIVE STUDY

Julika Merres (1,2), Nils Juriaan Kosse (3), Marie Beckers (1), Thomas Galetin (4), Alberto Lopez-Pastorini (1), Erich Stoelben (1,2)

1, 2. Cologne/DE, 3. Bonn/DE

4. Dusseldorf/DE

O-080

POSTOPERATIVE ANALGESIA AFTER MINIMALLY INVASIVE REPAIR OF PECTUS EXCAVATUM; A SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS

Elise J Van Polen (1), Jean H T Daemen (1), Chiel J Franssen (2), Austin J Isabella (2), Aimée J P M Franssen (1), Karel W E Hulsewé (1), Yvonne L J Vissers (1), Erik R De Loos (1)

1. Heerlen/NL

2. Maastricht/NL

O-081

PREDICTION OF PROGNOSIS AND CLINICAL DECISION-MAKING IN PATIENTS WITH MALIGNANT PLEURAL EFFUSION WITH THE LENT SCORING SYSTEM

Aleksandar Yankulov, Alejandro Olguin Goicoechea, Martha Bravo, Alessandro Marra

Winnenden/DE

SESSION IN CO-OPERATION WITH THE INTERNATIONAL ASSOCIATION FOR THE STUDY OF LUNG CANCER (IASLC)

TUESDAY 28 MAY 2024 13:00 - 14:00 h

ROOM 6

Chairs: Ramón Rami-Porta (Barcelona/ES)

Paul Van Schil (Antwerp/BE)

- **9th TNM classification of pleural mesothelioma**

Isabelle Opitz (Zurich/CH)

- **What do we expect from 10th TNM Edition?**

Lawek Berzenji (Antwerp/BE)

- **TNM Quiz**

Marcelo Sánchez González (Barcelona/ES)

PULMONARY NEOPLASTIC III SESSION XV

TUESDAY 28 MAY 2024 14:30 - 15:30 h

ROOM 6

Award: ESTS-AATS Foundation Excellence Award 2000 euros

Chairs: Cezary Piwkowski (Poznan/PL)

Akif Turna (Istanbul/TK)

O-087

LUNG ADENOCARCINOMA ASSOCIATED WITH PULMONARY NEUROENDOCRINE PROLIFERATION: CLINICAL, PATHOLOGICAL AND ONCOLOGICAL OUTCOMES FROM A MULTICENTER ANALYSIS

Maria Teresa Congedo (1), Dania Nachira (1), Alessandra Cancellieri (2), Ludovic Fournel (3), Maria Giovanna Mastromarino (4), Antonio Giulio Napolitano (5), Elisa Meacci (1), Marco Chiappetta (5), Guido Rindi (6), Lucio Calandriello (2)/FRsco Macagno (2), Marco Lucchi (4), Andrea La Rosa (4), Leonardo Petracca Ciavarella (5), Stefano Margaritora (1), Filippo Lococo (1)

1, 2, 5, 6. Roma/IT, 3. Paris/FR

4. Pisa/IT



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O-088

BEYOND THE ODDS: EXPLORING FEMALE ADVANTAGE IN EARLY-STAGE NSCLC SURVIVAL

Fabian Doerr, Konstantinos Grapatsas, Natalie Baldes, Kaid Darwiche, Dirk Theegarten, Markus Kamler, Christian Taube, Martin Schuler, Servet Bölükbas
Essen/DE

O-089

UNDERUTILIZATION OF ADJUVANT THERAPY IN RESECTED IB-III NON-SMALL-CELL LUNG CANCER RISK MODEL - ANALYSIS FROM THE BRAZILIAN REGISTRY OF LUNG CANCER

Paula Duarte D'Ambrosio (1), Fabio Eiti Minamoto (1), Leticia Leone Lauricella (2), Pedro Henrique Xavier Nabuco (1), Flavia Alves Correia Queiroz (2), Federico Enrique Garcia Cipriano (3), Fabio May Da Silva (4), Jefferson Luiz Gross (5), Paulo Manuel Pêgo-Fernandes (2), Ricardo Mingarini Terra (2)
1, 2, 5. São Paulo/BR
3. Ribeirão Preto/BR
4. Florianópolis/BR

O-090

MULTIFACTORIAL IMPACT OF AGE, RACE AND FEMALE SEX ON MANAGEMENT OF NSCLC

Anupama Singh, Yue Xie, Miles A. Mcallister, Emanuele Mazzola, Fatemehsadat Pezeshkian, Michael T. Jaklitsch, Fatima G. Wilder
Boston/US

O-091

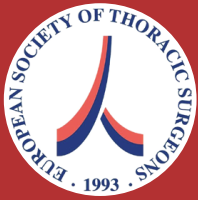
CLINICAL RELEVANCE OF ADJUVANT PLATINUM-DOUBLET IN LUNG ADENOCARCINOMA PATIENTS WITH/WITHOUT EGFR MUTATION: A MULTI-INSTITUTIONAL REAL-WORLD REGISTRATION STUDY

Kenichi Suda (1), Kosuke Fujino (2), Mao Yoshikawa (3), Kazuhiko Shien (3), Ken Suzawa (3), Kotaro Nomura (4), Shota Fukuda (1), Shuta Ohara (1), Akira Hamada (1), Fumihiko Kinoshita (5,6), Kazuki Hayasaka (7), Hirotsugu Notsuda (7), Shinkichi Takamori (6,8), Satoshi Muto (9), Shinya Katsumata (10), Mototsugu Shimokawa (11), Junichi Soh (1), Yasuhiro Tsutani (1)
1. Osaka-Sayama/JP, 2. Kumamoto/JP
3. Okayama/JP, 4. Kashiwa/JP
5, 6. Fukuoka/JP, 7. Sendai/JP
8. Oita/JP, 9. Fukushima/JP
10. Shizuoka/JP, 11. Yamaguchi/JP

O-092

PROGNOSTIC IMPACT AND RECURRENCE PATTERN OF KRAS G12C MUTATION IN SURGICALLY RESECTED NON-SMALL CELL LUNG CANCER

Jialiang Wen, Tao Chen, Junqi Wu, Yifan Zhong, Long Xu, Haojie Si, Shenghao Huang, Likun Hou, Yunlang She, Dong Xie, Chang Chen
Shanghai/CN



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INFECTIOUS DISEASE SESSION XVI

TUESDAY 28 MAY 2024 15:30 - 16:30 h

ROOM 6

Chairs: Hussein Elkhayat (Assiut/EG)
Stefan Watzka (Vienna/AT)

O-093

MORBIDITY RISK FACTORS FOR LUNG HYDATIDOSIS SURGERY IN CHILDREN: A BI-CENTRIC EXPERIENCE

Zied Chaari, Aymen Ben Ayed, Saloua Mseddi Ammar,
Emna Chaabouni Krichen, [Abdessalem Hentati](#), Riadh
Mhiri
Sfax/TN

O-094

SURGICAL MANAGEMENT OF BILATERAL INFECTIVE CAVITARY LESIONS OF LUNGS

[Pramoj Jindal](#), Praveen Kumar Pandey
New Delhi/IN

O-095

SURGICAL OUTCOMES FOR CHRONIC PULMONARY ASPERGILLOSIS AFTER LUNG CANCER RESECTION

[Takafumi Kabuto](#), Kaito Kitahori, Masaki Ikeda,
Naohisa Chiba, Tatsuyoshi Ikeue, Masashi Ishikawa
Wakayama/JP

O-096

WHAT WILL HAPPEN AFTER CAPITONNAGE OF PULMONARY HYDATID CYSTS?!

[Fahmi Kakamad](#), Berun A Abdalla,
Shvan H Mohammed
Sulaimani/IQ

O-097

POPULATION AND RESULTS OF SEGMENTECTOMY VERSUS LOBECTOMY FOR CHRONIC INFECTIOUS/ INFLAMMATORY LUNG DISEASES

[José De Sá Moraes Neto](#), Isabele Alves Chirichela,
Alessandro Wasum Mariani, Ricardo Mingarini Terra,
Paulo Manuel Pego Fernandes
Sao Paulo/BR

O-098

UNIORTAL VATS RESECTION FOR PULMONARY ASPERGILLOMA: EVALUATION OF PROGNOSTIC FACTORS IN A SINGLE CENTER EXPERIENCE

[Sara Waguaf](#), Souheil Boubia, Abdellah Fatene,
Mohamed Ridai
Casablanca/MO

INTERESTING CASES SESSION XVIII

TUESDAY 28 MAY 2024 16:30 - 17:30 h

ROOM 6

Chairs: Alessandro Wasum Mariani (Sao Paolo/BR)
Marina Paradela de la Morena (Barcelona/ES)

O-105

RESECTION OF CANCER IN THE RETROSTERNAL COLON CONDUIT FORTY YEARS AFTER INTERPOSITION

Sezer Aslan (1), Reyhan Ertan (2), Vafi Atalay (3),
[Hasan Batirel](#) (4)
1. Sirnak/TR, 2, 3, 4.Istanbul/TR

O-106

FLOW CONTROLLED VENTILATION: A PROMISING VENTILATION STRATEGY DURING SINGLE LUNG TRANSPLANTATION

[Sandra Guzzella](#), Rolf Schuepbach, Ilker Iskender,
Gyoergy Lang, Martin Schlaepfer, Isabelle Opitz
Zurich/CH

O-107

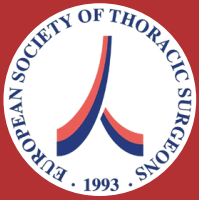
TECHNIQUES OF THORACIC CAVITY EXTENSION IN LIVING-DONOR LOBAR LUNG TRANSPLANTATION WITH OVERSIZED DONORS

[Hsiao-Hung Lu](#), Xu-Heng Chiang, Shu-Chien Huang, Po-
Ni Hsiao, Hsao-Hsun Hsu
Taipei/TW

O-108

SUCCESSFUL LUNG TRANSPLANTATION FOR PULMONARY EPITHELIOID HEMANGIOENDOTHELIOMA WITH PLEURAL INFILTRATION: A CASE REPORT

[Rene Novyzedlak](#), Janis Tavandzis, Jan Havlin, Katerina
Kopeckova, Monika Svorcova, Jan Simonek, Jan
Berousek, Eliska Dvorackova, Jan Kolarik, Jiri Pozniak,
Marketa Vaculova, Jiri Vachtenheim Jr, Zuzana Ozaniak
Strizova, Tomas Buchler, Robert Lischke
Prague/CZ



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SCIENTIFIC PROGRAM - TUESDAY 28 MAY

ROOM 6

O-109

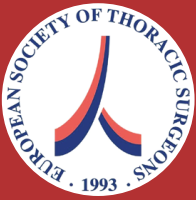
**LOW-COST PERSONALIZED 3D PRINTED MODEL FOR
PREOPERATIVE HYPER-REALISTIC SIMULATION ROBOTIC
SEGMENTECTOMY**

Eserval Rocha Junior, Ismar Newton Cestari, Gabriela
Katherine Zurita Aguirre, Ana Carolina De Avila,
Idagene Aparecida Cestari, Ricardo Mingarini Terra,
Paulo Manuel Pego-Fernandes
Sao Paulo/BR

O-110

**TREATMENT OF POSTPNEUMONECTOMY SYNDROME
WITH TISSUE EXPANDERS; SIMULATION BY
INTRATHORACIC AIR INJECTION**

Kyoshiro Takegahara, Masaki Hashimoto, Fuminobu
Oono, Akihiro Fukuda, Akifumi Nakamura, Ayumi
Kuroda, Seiji Matsumoto, Nobuyuki Kondo, Seiki
Hasegawa
Nishinomiya/JP



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SCIENTIFIC PROGRAM - TUESDAY 28 MAY

ROOM 5



SUNRISE SESSION IV TRAUMA, RIB FIXATION

TUESDAY 28 MAY 2024 07:00 - 07:50 h

ROOM 6

Chairs: Korkut Bostanci (Istanbul/TK)
Hans Van Veer (Leuven/BE)

- Current trends in surgical and economic impact of rib fixation for flail chest
Thomas White (Utah/US)
- Fixation for isolated rib fractures:
Should we really do it?
Didier Lardinois (Basel/CH)
- Associated lesions in thoracic trauma:
The trauma surgeon as a single surgeon expert
or the thoracic surgeon as part of a team effort?
Michael Gooseman (Hull/UK)

SCIENTIFIC PROGRAM - TUESDAY 28 MAY

OTHER ROOMS



INDUSTRY-SPONSORED SYMPOSIA

TUESDAY 28 MAY 2024 12:00 - 13:00 h

OTHER ROOMS



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SYMPOSIUM FOR NURSES AND ALLIED HEALTH PROFESSIONAL

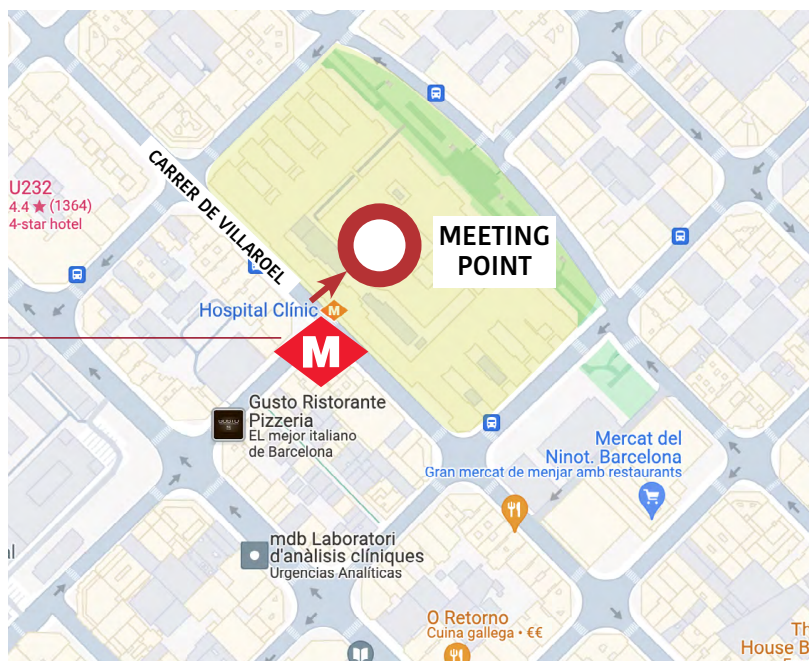
HOSPITAL TOUR

TUESDAY 28 MAY 2024 10:00 - 12:00 h

Guided tour to Hospital Clinic de Barcelona



- Meeting for group at 10:00h in the entrance hall of Hospital Clinic (Carrer de Villarroel 170, Barcelona).
- The hospital is located in the centre of Barcelona near the metro station Hospital Clinic (blue line).



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PRESIDENTIAL ADDRESS

Monday 27 May 2024 at 12:00

AUDITORIUM

**Adapt to changes
- Learning curves
forever**

Jozsef Furak

President ESTS 2024-2024





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INVITED LECTURE

MONDAY 27 MAY 2024

11:15-11:45h

DR SHAF KESHAVJEE,
MD MSC FRCSC FACS
TORONTO/CA

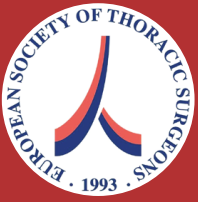
FROM THE IDEA TO THE OPERATING ROOM. INNOVATION IN THORACIC SURGERY

Dr. Shaf Keshavjee completed his medical training at the University of Toronto in 1985, and subsequently trained in General Surgery, Cardiac Surgery and Thoracic Surgery at the University of Toronto followed by fellowship training at Harvard University and the University of London for airway surgery and heart-lung transplantation, respectively. He leads a team whose studies in transplantation have had a significant impact on treatment outcomes for patients with lung disease around the world. Dr. Keshavjee is currently Chief of Innovation at University Health Network, University of Toronto.

At UHN, Dr. Keshavjee has taken on leadership roles in all facets of this specialized area of care: as a skilled surgeon and Director of the Toronto Lung Transplant Program; and as a researcher and Director of the Latner Thoracic Research Laboratories. To improve lung function after transplantation, he developed a lung preservation solution to preserve donor lungs for transplant. This solution has become the standard

technique used by transplantation programs around the world. Dr. Keshavjee has further attracted worldwide attention for his pioneering research to recondition and repair injured human donor lungs using gene and cell therapies and the Toronto Ex Vivo Lung Perfusion System, making them suitable for transplantation into patients and enhancing the number of donor lungs available.

Dr. Keshavjee has served on the Board of Directors of the ISHLT and the Canadian Society of Transplantation. He has served as a Member of the Board, Treasurer and then the 102nd President of the AATS. He has received numerous awards and honorary fellowships for his continuing contributions to his field, including several lifetime achievement awards. Dr. Keshavjee has received several honorary doctoral degrees, the Order of Ontario, and Canada's highest civilian honor as Officer of the Order of Canada for his contributions to medicine.



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EDITORS SESSION: HOW TO SPEED UP YOUR CAREER IN THORACIC SURGERY?

Tuesday 28 May - 10:00-11:00 • AUDITORIUM

CHAIRS



Pierre Emmanuel Falcoz
(Strasbourg/FR)



Alexander Patterson
(St. Louis/US)



Matthias Siepe
(Bern/CH)

Matthias Siepe
(Bern/CH)



How to organise and carry out clinical research?

Alexander Patterson
(St. Louis/US)



How to write a paper?

Brian Mitzman
(Salt Lake City/US)

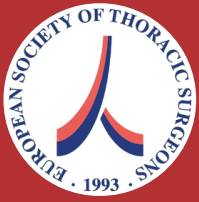


How to Survive Peer Review?

ESTS COURSE ON SCIENTIFIC MEDICAL COMMUNICATION

To expedite your career trajectory in thoracic surgery, capitalize on the one-hour session with the key editors of thoracic surgery journals. Extract invaluable insights on organizing and executing clinical research effectively, mastering the art of paper writing, and navigating the peer review process adeptly. Implement these strategies meticulously to propel your professional journey and make significant strides in the field of thoracic surgery.

ESTS Course on Scientific Medical Communication – next edition expected in November 2024



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EXTRAORDINARY LECTURE

TUESDAY 28 MAY 2024

11:30-12:00h

JORDI FAULÍ | ARCHITECT | BARCELONA



The Sagrada Família of Antoni Gaudí: Project and Construction

Architect (1992) and PhD (2009) with the thesis *Composition and continuity in the columns and vaults of the naves of the Sagrada Família*, in the Escola Tècnica Superior d'Arquitectura de Barcelona (ETSAB).

Architect director and coordinator of the works of the Temple Expiatory of the Sagrada Família since October 2012. Deputy architect of the works of the Temple of Expiatory of the Sagrada Família from 1993 to 2012. Member of the Technical Office of the Sagrada Família Family since 1990.

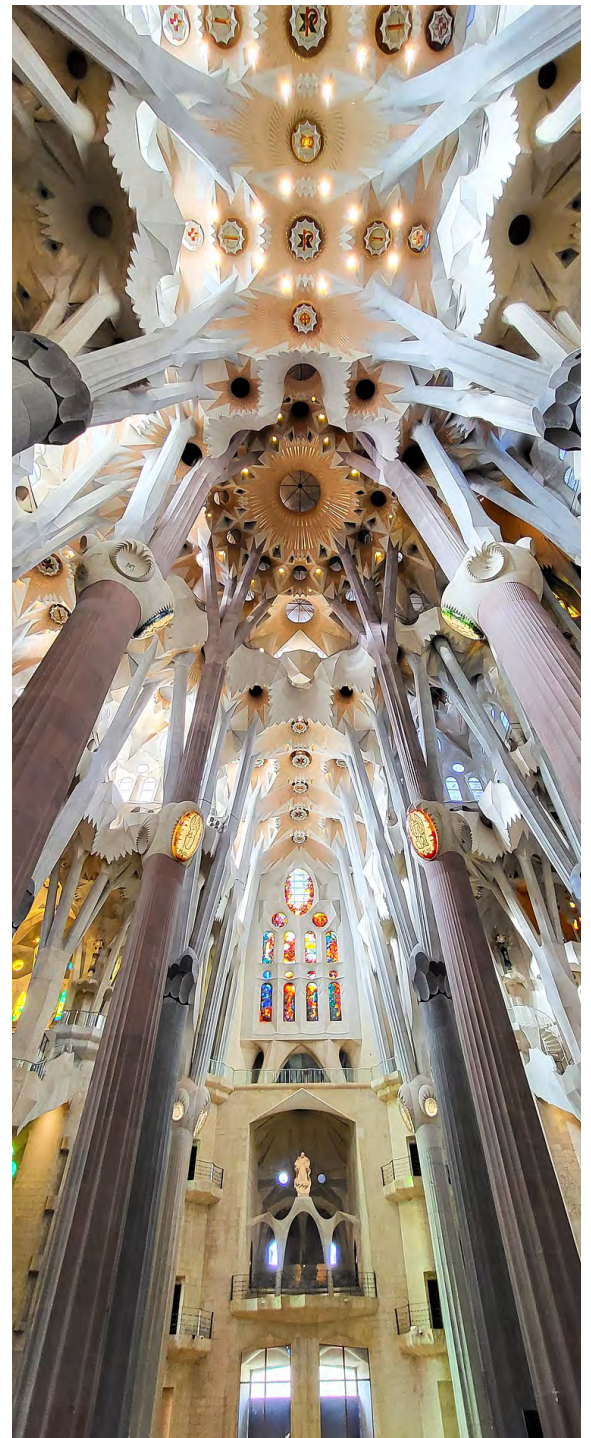
Academic member of the Royal Catalan Academy of Fine Arts of Sant Jordi, since September 2017 and member of the Institut d'Estudis Catalans (IEC), attached to the Science and Technology Section, since November 2017.

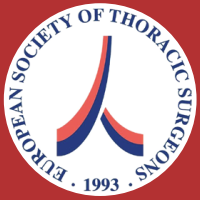
City of Barcelona Award 2010 for Architecture and Urbanism, for the execution of the naves of the Sagrada Família designed by Gaudí, awarded together with the other architects of direction of the works.

Author of books:

- *The Temple of the Sagrada Família*. Editorial Palacios & Museos (Third edition, 2024).
- *Short History of the Sagrada Família*. Barcelona Mediterranean Publishing, 2010
- *Les naus de la Sagrada Família* (2014). Editorial Mediterrània. Co-author
- Article “The keys to the construction of the naves of the Sagrada Família”, published in the book *The Sagrada Família of today*. Barcelona: Editorial Lunwerg, 2010.

He has given lectures on the Sagrada Família in different cities around the world.





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PRIZES AND AWARDS

The following prizes will be awarded:

- **ESTS-Brompton Prize-3000 EUR**

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

The winner will be asked to give a one minute summary without slides of their study during the award ceremony at the ESTS Party.

- **ESTS-Young Investigator Award-2000 EUR**

To stimulate research/ESTS has instituted a prize for the best presentation on topics of clinical or experimental research in the field of thoracic surgery by an ESTS member below the age of 35.

The winner will be asked to give a one minute summary without slides of their study during the award ceremony at the ESTS Party.

- **ESTS-AATS Foundation Excellence Award- 2000 EUR**

This prize is offered by the AATS Foundation and awarded for the best overall scientific contribution in Pulmonary Neoplastic I / Pulmonary Neoplastic II / Pulmonary Neoplastic III sessions

- **ESTS-Grillo Prize- 1000 EUR**

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

- **ESTS-JACS (Japanese Association of Chest Surgery) Award – 1000 EUR**

This prize is offered to the best abstract by an ESTS member from an Asian Institute.

- **ESTS-SBCT (Brazilian Society of Thoracic Surgery)-1000 EUR**

This prize is offered by the Brazilian Society of Thoracic Surgery and is offered to the best abstract by an ESTS member from a Latin American country.

- **ESTS – DGT Travel Grant – 1000 EUR**

This grant is offered by the Deutsche Gesellschaft für Thoraxchirurgie (DGT) and was created to support a member of ESTS from a low- to middle-income-country, who is below the age of 40 and is the first author of an abstract.

- **ESTS-Dutch Society for Lung Surgery Travel Grant -1000 EUR**

This grant is offered by the Dutch Society for Lung Surgery and was created to support a young abstract presenter from a low-middle income country.

- **ESTS – FSTCVS Travel Grant – 1000 EUR**

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

- **ESTS-ACECP Travel Grant-4000 EUR**

For the best presentation of a young thoracic surgeon (less than 40 years old at the time of presentation), presented at the 32nd ESTS Meeting in Barcelona, to visit a leading institution to learn a specific surgical technique.

The Catalan Association for the Study of Lung Cancer, ACECP, was established in 2006 by Dr Laureano Molins, Dr Ramon Rami-Porta and Dr Enriqueta Felip, and Dr. Juan J Fibla was incorporated after five years. Its priority goal is to offer to young thoracic surgeons grants to broaden their training and increase international contacts. This Award provides thoracic surgeons with a unique opportunity to visit medical institutions and learn valuable skills and techniques from some of the European leading thoracic surgeons.

The candidate must indicate his/her desire to apply for the ESTS-ACECP Award.

- **ESTS-Poster Prize – 500 EUR**

This prize is offered for the best poster presentation

- **ESTS-Junior Poster Prize**

Complimentary registration to the 33rd European Conference on General Thoracic Surgery, 2025

This prize is offered for the best poster presentation

- **Symposium for Nurses & Allied Health Professionals**

Best Abstract 500 euros award

- **ESTS Database Richard Berrisford Award**

Awarded to the Best Contributing Centre 2024-2024

- **ESTS-Postgraduate Course**

Complimentary Registration for an ESTS Educational Event in 2024-2025 will be awarded to each of the Three Trainees of the Winning Team.

Complimentary registration for the 2025 School of Thoracic Surgery OR complimentary registration to 2025 Annual Meeting for the best audience performer.

Complimentary registration for the 2025 Medical Writing Course OR complimentary registration to 2025 Annual Meeting for the second best audience performer.

Complimentary registration to 2025 Annual Meeting for the third best audience performer.



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POSTERS

P-025

PREVALENCE, TRAJECTORIES, AND RISK FACTORS OF MODERATE-TO-SEVERE SYMPTOMS IN THE FIRST YEAR AFTER LUNG CANCER SURGERY

Wei Dai, Xing Wei, Jia Liao, Xiaoqin Liu, Xiang Wang, Qiuling Shi, Qiang Li
Chengdu/CN

P-026

RESECTION OF MEDIASTINAL MASS BY RATS IN A CHILD: A CASE REPORT

Gabriela Katherine Zurita Aguirre, Hyroan brandell, Ismar Gobira, Fabio eiti Nishibe Minamoto, Eserval Rocha Junior, Ricardo Mingarini Terra, Paulo Manuel Pêgo-Fernandes
Sao Paulo/BR

P-027

3D-MODELLING FOR THE INDIVIDUALIZED PLANNING AND FEASIBILITY PREDICTION OF RECONSTRUCTIVE PARENCHYMA-SPARING SURGERY FOR CENTRALLY LOCATED LUNG MALIGNANCIES

Sergey Yeskov, Sergey Krasny, Viktor Malkevich, Maryia Dzikevich
Minsk/BY

P-028

3D-RECONSTRUCTION SOFTWARE FOR PLANNING OF MINIMALLY INVASIVE SEGMENTECTOMIES SIGNIFICANTLY IMPROVES SURGICAL OUTCOMES AND REDUCES THE INCIDENCE OF SERIOUS COMPLICATIONS

Aljaz Hojski, Mohamed Nasser Hassan, Makhmudbek Mallaev, Nikolay Tsvetkov, Mark Wiese, Brigitta Gahl, Didier Lardinois
Basel/CH

P-029

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1. Fukuoka/JP, 2. Aomori/JP

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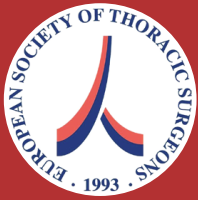
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1. Guangzhou/CN, 2. Nanjing/CN

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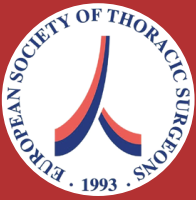
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1, 2, 4. Roma/IT, 3. Florence/IT, 5. Italy

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Wolverhampton/UK



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1. Beirut/LB, 2. Charlottesville, Va/US

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Diletta Mongiello (1,2), Nicoletta Pia Ardò (1), Giuseppe Cibelli (3), Anna Antonia Valenzano (3), Raffaella Marzovillo (3), Maria Teresa Bevilacqua (1,2)/FRsca Cialdella (1), Giulia Pacella (1), Sara Tango (1)/FRsco Lastaria (1), Roberto De Bellis (1), Leonardo Fino (1), Rita Daniela Marasco (1), Domenico Loizzi (1)/FRsco Sollitto (1)
1, 3. Foggia/IT, 2. Bari/IT

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Innsbruck/AT

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Rurika Hamanaka, Makoto Oda
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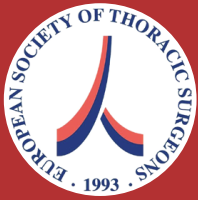
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1. Nishinomiya/JP, 2. Sendai/JP, 3. Yokosuka/JP

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Istanbul/TR



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1. Matsumoto/JP, 2, 4. Gunma/JP, 3. Tokyo/JP
5. Shizuoka/JP, 6. Saitama/JP, 7. Tokyo/JP
8. Hiroshima/JP, 9. Chiba/JP

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1. Seoul/KR, 2. Saga/JP, 3. Antwerp/BE
4. Hannover/DE, 5. Mainz/DE, 6. Wuppertal/DE
7. Hannover/DE, 8. London/UK

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1, 4. Barcelona/ES, 2. Valladolid/ES, 3. Ávila/ES
5. Ourense/ES

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Fei Sun

Taizhou/CN

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Isaac Faria Soares Rodrigues, Celso Murilo Nalio Matias Faria, Henrique Nietmann, Getulio Pinheiro Lopes Ferraz, Thais Della Roveri Canovas, Juliana Resende Silva, Amanda Mesquita Grangeiro, Hannelora Jabali Agustini, Mariana Quadros Galvani
Preto/BR

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1. Jacksonville/US, 2. New York/US
3. Cairo/EG, 4. Zagazig/EG

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Essen/DE

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Nice/FR

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Essen/DE

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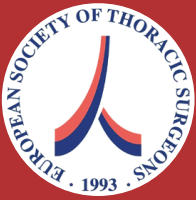
Florian Ponholzer, Caecilia Ng, Marie-Christin Neuschmid, Herbert Maier, Paolo Lucciarini, Stefan Schneeberger, Florian Augustin
Innsbruck/AT

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1. Barcelona/ES, 2. Sabadell/ES



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1. Veldhoven/NL, 2. Amsterdam/NL
3. Nijmegen/NL, 4. Eindhoven/NL

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Andrea La Rosa, Maria Giovanna Mastromarino, Diana Bacchin, Greta Alì, Iosè Di Stefano, Vittorio Aprile, Stylianos Korasidis, Marcello Carlo Ambrogi, Marco Lucchi
Pisa/IT

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Lisann Rheinhold (1,2), Thomas Galetin (1,2), Rachel Klamer (1), Ahmet Alkhatam (1), Aris Koryllos (1,2)

1. Düsseldorf/DE, 2. Witten/DE

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Rana Mehdi, Alina-Maria Budacan, Hannah Newey, Kajan Mahendran, Shilajit Ghosh, Lakshmi Srinivasan, Udo Abah
Trent/UK

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Eyad Al Masri, Katina Nikolova, Ulukan Cenal, Ann-Christine Bluck, Nadine Schröder, Christian Begher, Burkhard Thiel, Volkan Kösek, Bassam Redwan
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1. Alicante/ES, 2. Elche/ES

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1, 2, 3 Chiba/JP, 4. Narita/JP

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Lin Huang (1), Alessandro Brunelli (2), Demetrios Stefanous (2), Edoardo Zanfrini (3), Abid Donlagic (3), Michel Gonzalez (3), René Horsleben Petersen (1)
1. Copenhagen/DK, 2. Leeds/UK, 3. Lausanne/CH

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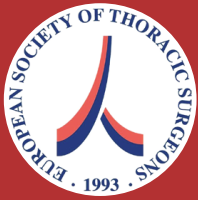
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Shinji Yuhara, Shorin Matsumoto, Kosuke Otsubo, Tatsuya Muraoka, Yue Cong, Keita Nakao, Masaaki Nagano, Mitsuaki Kawashima, Chihiro Konoeda, Masaaki Sato
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1,2. Turin/IT, 3. London/UK

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Riccardo Tajè (1), Filippo Tommaso Gallina (2), Federico Tacconi (1), Daniele Forcella (2), Eugenio Pompeo (1), Gabriele Alessandrini (2), Stefano Elia (3), Enrico Melis (2), Vincenzo Ambrogi (1)/FRsco Facciolo (2) 1,2. Rome/IT, 3. Campobasso/IT

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Maria Rodriguez, Alejandra De La Fuente Añó, Valerio Perna, Cristina Jiménez Ruiz, Marta Santero, Elena Alonso Torroba, Inés Centeno Tamame, Inés Luque Vázquez
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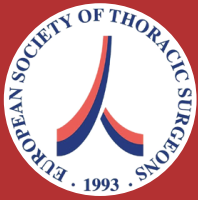
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Omcharoen Saeteng, Sophon Siwachat, Nirush Lertprasertsuke, Sarawut Kongkarnka, Juntima Euathrongchit, Yutthaphan Wannasopha, Busayamas Chewaskulyong, apichat Tantraworasin
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Roberto Cascone, Annalisa Carlucci, Domenico Caporale, Gabriella Giudice, Cosimo Lequaglie
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Ping-Chung Tsai (1), Yen-Chiang Tseng (1), Han-Shui Hsu (2)

1. Kaohsiung/TW, 2. Taipei/TW

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Pietro Bertoglio (1), Vittorio Aprile (2), Filippo Lococo (3), Marco Chiappetta (3), Dania Nachira (3), Filippo Antonacci (1), Jury Brandolini (1), Alessandra Lenzini (2), Marco Lucchi (2), Stefano Margaritora (3), Piergiorgio Solli (1)

1. Bologna/IT, 2. Pisa/IT, 3. Rome/IT

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1. Bologna/IT, 2. Pisa/IT, 3. Lucerne/CH

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Suzhou/CN

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1. Barcelona/ES, 2. Madrid/ES

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Shanghai/CN

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Edirne/TR



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Cheng Shen
Chengdu/CN

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Imran Jamal Iversen (1), Finn Amundsen Dittberner (2), Anni Germann Najbjerg (3), Marie Øbo Larsen (4), Bo Laksáfoss Holbek (1)
1. Copenhagen/DK, 2. Odense/DK, 3. Aarhus/DK
4. Aalborg/DK

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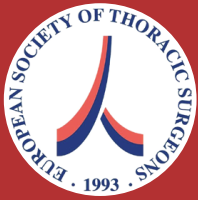
CLINICAL AND SURVIVAL PATTERNS OF PULMONARY METASTASIS IN COLORECTAL CANCER PATIENTS

Ahmed Naji Al-Alawi, Yaseen Mohammed Al-Lawati, Asma Salim Almaqrashi, Juhaina Sulaiman Almayahi
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1, 2, 3, 4 Budapest/HU, 5. Vienna/AT

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Mustafa Akyil, Ayşe Ulusoy, Serkan Bayram, Elçin Ersöz, Eymen Yayla, Sebnem Boz, Serdar Evman, Fatma Akyil, Volkan Baysungur
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Hironori Ishibashi, Ayaka Asakawa, Yukitaka Sato, Ryota Ishizawa, Yuya Ishikawa, Ryo Wakejima, Kenichi Okubo
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1. Riyadh/SA, 2. Abu Dhabi/AE

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Jiacong Liu, Linhai Zhu, Xuhua Huang, Yanye Wang, Jian Hu
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1. Chiba/JP, 2. Narita/JP

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1. Chengdu/CN, 2. Chongqing/CN

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Budapest/HU

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ENDOBONCHIAL ULTRASOUND-GUIDED TRANSBRONCHIAL NEEDLE ASPIRATION (EBUS-TBNA) VERIFIED BY VIDEO-MEDIASTINOSCOPIC LYMPHADENECTOMY (VAMLA): STAGING RESULTS IN A COHORT OF PATIENTS WITH NON-SMALL CELL LUNG CANCER (NSCLC) AND NORMAL MEDIASTINUM

Lucía Reyes Cabanillas, Sergi Call, José Sanz-Santos, Luís Esteban, Bienvenido Barreiro, Carme Obiols, Juan Manuel Ochoa-Alba, Luis Luizaga, Mireia Serra-Mitjans, Ramón Rami-Porta

Terrassa/ES

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ENLARGEMENT OF PREOPERATIVE PULMONARY ARTERY AND AORTA AFFECTS THE POSTOPERATIVE SURVIVAL OF LUNG CANCER PATIENTS

Haruaki Hino, Osamu Honda, Takahiro Utsumi, Natsumi Maru, Hiroshi Matsui, Yohei Taniguchi, Tomohito Saito, Tomohiro Murakawa

Osaka/JP

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Anja Weinhandl (1), Nezih Onur Ermerak (2), Tunc Lacin (3), Mustafa Yuksel (3), Winfried Rebhandl (1)

1. Vienna/AT, 2, 3 Istanbul/TR

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Kudzayi Kutuywayo, Dean Fennell, Apostolos Nakas

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Seongnam-Si/KR

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Agathe Seguin-Givelet (1,2), Akli Mekkar (1), Alessio Mariolo (1), Loic Perrot (3), Guillaume Boddaert (1), Chloe Lafouasse (1), Erik Kovacs (1), Dominique Gossot (1), Kelvin K W Lau (4)

1, 2, 3 Paris/FR

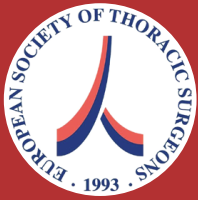
4. London/UK

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LUNG RESECTION TRAINING MODEL WITH BLOOD BEATING USING EXCISED PORCINE LUNGS.

Tomoyuki Kawamura, Kazuto Sugai, Naoki Maki, Shinsuke Kitazawa, Naohiro Kobayashi, Yukinobu Goto, Hideo Ichimura, Yukio Sato

Tsukuba/JP



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Karen Stephanie Aguilar González, Marina Allameh Fernández, Maria Amparo Gascón Gascón, Mireia Espinós Arnau, Sonia Pérez Sancho, Carlos Jordá Aragón, Alilis Cecilia Fontana Bellowin, Juan Escrivá Peiro, Víctor José Calvo Medina, Alfonso Morcillo Áixela, José Cerón Navarro, Jesús Gabriel Sales Badia
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José Alejandro González García (1), Irene Bello Rodríguez (2), María Carolina Gutiérrez Ramírez (1), Ivan Vollmer (2)
1. Dénia/ES, 2. Barcelona/ES

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Cosimo Lequaglie, Gabriella Giudice, Roberto Cascone, Annalisa Carlucci
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Noemi Maria Giorgiano (1), Mario Cioce (2,3)/FRsca Pentimalli (4), Antonio Giordano (5), Fabiana Napolitano (6), Giuliano Castellano (6), Maria Marvulli (6), Grazia Bergameo (6), Alessia Caputo (6), Massimino Messinò (6), Beatrice Leonardi (6)/FRsco Panini D'Alba (6), Anna D'Agostino (6), Gaetana Messina (6), Giovanni Natale (6), Giovanni Vicidomini (6), Alfonso Fiorelli (6)
1. Napoli/IT, 2, 3. Rome/IT, 4. Bari/IT
5. Philadelphia/US, 6. Naples/IT

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Konstantinos Gioutsos, Boris Kostovski, Michail Galanis, Francine Binelli, Thanh-Long Nguyen, Ömer Senbaklavaci, Patrick Dorn
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Sofia Grace Villavicencio Clayton (1), Nathan Tyson (2), Haris Shabbir (3), Abdal Al-Ubeidi (3), Kudzayi Kutywayo (2), Edward Caruana (2)
1. La Laguna/ES, 2. Leicester/UK



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MOLECULAR CHARACTERIZATION AND VALIDATION OF LIVE CELL BIOBANK FOR PLEURAL MESOTHELIOMA

Mayura Meerang, Michaela B Kirschner, [Olivia Theisen-Lauk](#), Fabian Schlaepfer, Manuel Ronner, Emanuela Felley-Bosco, Isabelle Schmitt-Opitz
Zurich/CH

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MORBIDITY AND MORTALITY RISK FACTORS ASSOCIATED TO LUNG HYDATIDOSIS SURGERY FOR CHILDREN: OVER 33-YEARS EXPERIENCE RESULTS

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[Haoshuai Yang](#), Jin Zhang, Fei Xiao, Kunsong Su, Chaoyang Liang
Beijing/CN

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MULTICENTER RETROSPECTIVE COHORT STUDY ON PULMONARY LIGAMENT RESECTION IN UPPER LOBECTOMIES.

[Alessio Campisi](#) (1,2), Wentao Fang (2), Andrea Dell'Amore (3), Eleonora La Rocca (1,4), Emanuele Vocale (1), Giovanni Falezza (1), Alessandro Lonardoni (1), Alexandro Patirelis (4), Federica Carlea (4), Samuele Nicotra (3), Gabriella Roca (3), Yang Chen (2), Piotr Gabryel (5), Magdalena Sielewicz (5), Vincenzo Ambrogi (4), Cezary Piwkowski (5), Federico Rea (3), Maurizio Infante (1)
1. Verona/IT, 2. Shanghai/CN, 3. Padua/IT, 4. Roma/IT, 5. Poznan/PL

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[Iris E.w.g. Laven](#) (1), Aimée J.p.m. Franssen (1), Michiel H.m. Gronenschild (2), David J Heineman (3,4), Wilhelmina H Schreurs (5), Karel W.e. Hulsewé (1), Yvonne L.j. Vissers (1), Diego Gonzalez-Rivas (6), Erik R De Loos (1)
1,2. Heerlen/NL, 3,4. Amsterdam/NL
5. Alkmaar/NL, 6. Coruña/ES

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[Jérôme Lugin](#), Roumen Parapanov, Anne Debonneville, Manon Allouche, Lucas Liaudet, Thorsten Krueger
Lausanne/CH

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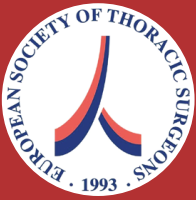
NEGATIVE PRESSURE WOUND THERAPY IN THE MANAGEMENT OF OPEN WINDOW THORACOSTOMIES

[Evelin Yu](#) (1), Zsolt Megyesfalvi (1,2,3), Balázs Döme (2,1,4), Tamás Pócza (2), Tibor Major (2), Arnold Köllö (1), Dániel Afari (1), Bernát Gyenge (1), Róbert Alfonz Szegedi (1), Victor Elod Lungu (1), Loránt Kecskés (1), Csaba Fehér (1), Attila Vágvölgyi (1), József Kas (1), Áron Ghimessy (2,3), Ákos Kocsis (1,2), Ferenc Rényi-Vámos (2,1,3)
1, 2, 3. Budapest/HU, 4. Vienna/AT

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NEW INSIGHTS IN NON-INVASIVE MARKERS FOR REJECTION IN LUNG TRANSPLANTED PATIENTS

[Ilaria Righi](#), Daria Trabattoni, Valentina Vaira, Alessandro Palleschi, Alessandra Maria Storaci, Nadia Manosur, Claudio Fenizia, Claudia Vanetti, Letizia Morlacchi, Sara Franzì, Mario Nosotti, Lorenzo Rosso, Mario Clerici
Milano/IT



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Ahmed El-Zeki, Ahmed M Habib, Patrick Yiu, Ahmed Oliemy Wolverhampton/UK

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Sophon Siwachat, Apichat Tantraworasin, Yutthaphan Wannasopha, Juntima Euatrongchit, Nirush Lertprasertsuke, Sarawut Konkarnka, Busayamas Chewaskulyong, Pattraporn Tajarerndmuang, Somcharoen Saeteng Chiang Mai/TH

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Kazuhiro Nagayama, Yuri Nagayo, Masaaki Sato Tokyo/JP

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Omer Faruk Saglam (1,2), Burcu Kilic (1), Levani Chikvaidze (1), H.Volkan Kara (1), Ezel Ersen (1), Akif Turna (1), Kamil Kaynak (1), Ahmet Demirkaya (3) 1, 3. Istanbul/TR, 2. Tokat/TR

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Dania Nachira (1), Giuseppe Calabrese (1), Luca Bertolaccini (2), Elisa Meacci (1), Maria Teresa Congedo (1), Pierluigi Novellis (3), Angela De Palma (4), Rosalia Romano (5), Pietro Bertoglio (6), Gianmaria Ferretti (7), Jessica Evangelista (1), Matteo Chiari (2,8)/FRsca Misceo (3,9)/FRsco De Blasi (4), Mariangela Valentini (4), Leonardo Valentini (6,10), Piergiorgio Solli (6,10), Marco Turchini (7), Giuseppe Bogina (11), Giulia Veronesi (3,12), Lorenzo Spaggiari (2,8), Stefano Margaritora (1) 1. Rome/IT, 2, 3, 8, 9, 12. Milan/IT 4. Bari/IT, 5. Verona/IT, 6, 10. Bologna/IT 7. Taranto/IT, 11. Verona/IT

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Yoshikane Yamauchi (1), Masaaki Sato (2), Takekazu Iwata (3), Makoto Endo (4), Norihiko Ikeda (5), Hiroshi Hashimoto (6), Mitsuo Nakayama (7), Ichiro Yoshino (8), Haruhisa Matsuguma (9), Yasushi Shintani (10), Haruhiko Kondo (11), Takahiko Oyama (12), Yukinori Sakao (1), Yoko Azuma (13), Tomohiko Iida (14), Noriaki Sakakura (15), Mingyon Mun (16), Keisuke Asakura (17), Kazuhito Funai (18), Takashi Ohtsuka (19), Hirofumi Uehara (20), Masafumi Kawamura (1) 1, 2, 5, 11, 12, 13, 16, 17, 19. Tokyo/JP, 3, 8. Chiba/JP 4. Yamagata/JP, 6. Tokorozawa/JP, 7. Kawagoe/JP 9. Utsunomiya/JP, 10. Osaka/JP, 14. Kimitsu/JP 15. Nagoya/JP, 18. Hamamatsu/JP, 20. Hakodate/JP

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Thomas Klikovits, Tibor Krajc, Michal Benej, Julian Domayr, Arschang Valipour, Maximilian Hochmair, Mir Alireza Hoda, Clemens Aigner, Stefan Watzka Vienna/AT



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ONE-STAGE REPAIR OF ANASTOMOTIC TRACHEAL FISTULA FOLLOWING MCKEOWN ESOPHAGECTOMY VIA ORIGINAL CERVICAL INCISION: A CASE REPORT

Xiang Wang, Tianpeng Xie
Chengdu/CN

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Xing Wei (1), Hongfan Yu (2), Bellinda King-Kallimanis (3), Yangjun Liu (4), Lin Huang (5), Wei Dai (1), Jia Liao (1), Xiaoqin Liu (1), Qiuling Shi (1), Qiang Li (1)
1. Chengdu/CN, 2. Chongqing/CN, 3. Bethesda/US
4. Stockholm/SE, 5. Copenhagen/DK

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OPTIMAL PLANNING AND MANAGEMENT STRATEGIES IN MINIMALLY INVASIVE LUNG SEGMENTECTOMIES: AN INTERNATIONAL DELPHI CONSENSUS REPORT

Luca Bertolaccini (1), Firas Abu Akar (2,3), Clemens Aigner (4), Alessandro Brunelli (5), Georges Decker (6), Wentao Fang (7), József Furák (8), Mahmoud Ismail (9), Marcelo Jiménez (10), Andreas Kirschbaum (11), Marko Kostic (12), Marco Lucchi (13), Shehab Mohamed (14), Sudish C. Murthy (15), Calvin S. H. Ng (16), Heribert Ortlieb (17), Nuria Novoa (18), Elena Prisciandaro (19), Lorenzo Spaggiari (1,20), Paula A. Ugalde (21)/FRsco Zaraca (22)
1, 20. Milan/IT, 2. Holon/IL, 3. East Jerusalem/PS
4. Wien/AT, 5. Leeds/UK, 6. Luxembourg/LU
7. Shanghai/CN, 8. Szeged/HU, 9. Potsdam/DE
10. Salamanca/ES, 11. Marburg/DE, 12. Belgrade/RS
13. Pisa/IT, 14. Pittsburgh/US, 15. Cleveland/US
16. Hong Kong SAR/HK, 17. Baden-Baden/DE
18. Madrid/ES, 19. Bruxelles/BE, 21. Boston/US
22. Bozen / Bolzano/IT

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OUTCOME AFTER SEGMENTECTOMY AND LOBECTOMY FOR HYPERMETABOLIC CLINICAL STAGE IA1-2 NSCLC

Joshil V Lodhia, Nilanjan Chaudhuri, Richard Milton, Marco Nardini, Peter Tcherveniakov, Elaine Teh, Alessandro Brunelli
Leeds/UK

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Bubse Na, Ji Hyeon Park, Kwon Joong Na, Samina Park, In Kyu Park, Young Tae Kim, Chang Hyun Kang
Seoul/KR

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OVERALL SURVIVAL (OS) AND DISEASE-FREE SURVIVAL (DFS) RELATED CELL CYCLE GENES IN LUAD AND LUSC: A LARGE RETROSPECTIVE ANALYSIS BASED ON TCGA DATABASE.

Beatrice Aramini (1), Federico Banchelli (2), Valentina Masciale (3), Massimo Dominici (4), Adriano Zaghi (5), Daniele Dall'Olio (5), Gastone Castellani (5), Franco Stella (1)
1. Forlì/IT, 2,5. Bologna/IT, 3, 4. Modena/IT

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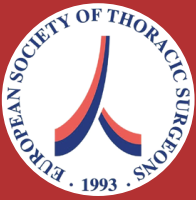
PATHOLOGICAL RESPONSE AND MEDIASTINAL CLEARANCE FOLLOWING THREE DIFFERENT NEOADJUVANT STRATEGIES IN LOCALLY ANVANCED NON-SMALL CELL LUNG CANCER

Christina Beushausen, Stephan Sklenar, Hermann Herbst, Maike De Wit, Petra Feyer, Stephan Eggeling
Berlin/DE

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Cong Qi, Zhichao Liu, Boyao Yu, Yuxin Yang, Chao Jiang, Kaiyuan Zhu, Chang Yuan, Zhigang Li
Shanghai/CN



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Ken Onodera, Hirotugu Notsuda, Tatsuaki Watanabe, Yui Watanabe, Takaya Suzuki, Takashi Hiram, Hisashi Oishi, Hiromichi Niikawa, Masafumi Noda, Yoshinori Okada
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Raphael Werner (1), Michael Eisenberg (2), Shanique Ries (2), Theodoros Papatziropoulos (1), Nina Steinmann (1), Mara Antonoff (2), Isabelle Schmitt-Opitz (1)
1. Zurich/CH, 2. Houston/US

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Yusuke Saeki, Shinsuke Kitazawa, Naohiro Kobayashi, Yukinobu Goto, Hideo Ichimura, Yukio Sato
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Quirine Van Steenwijk (1), Louisa Spaans (1), Marcel Dijkgraaf (2), Jerry Braun (3), Frank Van Den Broek (1)
1. Veldhoven/NL, 2. Amsterdam/NL, 3. Leiden/NL

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Shigeto Nishikawa (1), Koji Takahashi (2), Toshi Menju (1), Satona Tanaka (1), Mamoru Takahashi (1), Yojiro Yutaka (1), Akihiro Ohsumi (1), Daisuke Nakajima (1), Akihiko Yoshizawa (3), Hiroshi Date (1)
1, 3. Kyoto/JP, 2. Shizuoka/JP

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Gizem Özçibik Isik, Burcu Kiliç, Ezel Ersen, Mehmet Kamil Kaynak, Akif Turna, Hasan Volkan Kara
Istanbul/TR

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Jotaro Yusa (1), Yuichi Sakairi (1), Yuki Tada (1), Hiroki Imabayash (1), Yasufumi Uemastu (1), Daiki Shimizu (1), Takahiro Ochi (1), Takahiro Yamanaka (1), Hodaka Oeda (1), Yuki Sata (1), Takahide Toyoda (1), Terunaga Inage (1), Kazuhisa Tanaka (1), Yukiko Matsui (1), Hidemi Suzuki (1), Ichiro Yoshino (2)
1. Chiba/JP, 2. Narita/JP



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Rana Mehdi, Alina-Maria Budacan, Amber Ahmad-Isaap, Kajan Mahendran, Shilajit Ghosh, Lakshmi Srinivasan, Udo Abah
Trent/UK

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Elena Prisciandaro (1,2), Luca Bertolaccini (3), Andrea Cara (3), Lorenzo Spaggiari (3,4), Lin Huang (5), René H Petersen (5), Marco Lucchi (6), Maria G Mastromarino (6), Annalisa Barbarossa (1,2), Dirk E Van Raemdonck (1,2), Matteo Roffinella (7), Enrico Ruffini (8), Abid Donlagic (9), Michel Gonzalez (9), Marta G Fuentes Gago (10), Clara Forcada Barreda (10), Maria T Congedo (11), Stefano Margaritora (11), Yaniss Belaroussi (12), Matthieu Thumerel (12), Jérémy Tricard (13), Pierre Felix (13), Nina Lebeda (14), Isabelle Opitz (14), Doroty Sampietro (15), Angela De Palma (15), Cesare Braggio (16), Pascal A Thomas (16), Frankie Mbadinga (17), Jean Marc Baste (17), Bihter Sayan (18), Bedrettin Yildizeli (18), Laurens J Ceulemans (1,2)
1, 2. Leuven/BE, 3,4. Milano/IT, 5. Copenhagen/DK
6. Pisa/IT, 7,8. Torino/IT, 9. Lausanne/CH
10. Salamanca/ES, 11. Roma/IT, 12. Pessac/FR
13. Zürich/CH, 15. Bari/IT, 16. Marseille/FR
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PREDICTIVE VALUE AND PROGNOSTIC IMPACT OF SENTINEL LYMPH NODE IN LUNG CANCER SURGERY

Florent Stasiak, Lyndon Walsh, Joseph Seitlinger, Arthur Streit, Christophe Wollbrett, Joelle Siat, Guillaume Gauchotte, Stephane Renaud
Vandoeuvre Les Nancy/FR

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Rome/IT

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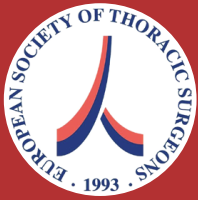
PREOPERATIVE ASSESSMENT IN LUNG CANCER PATIENTS: SURVEY AMONG MEMBERS OF THE FRENCH SOCIETY OF THORACIC AND CARDIOVASCULAR SURGERY

Fairuz Boujibar (1), Jean Selim (1), Morgan Leguen (2), Andre Gillibert (1), Anne Charloux (3), Bernard Aguilaniu (4), Marc Filaire (5), Francis-Edouard Gravier (6), David Debeaumont (1), Xavier D'Journo (7), Jean-Marc Baste (1)
1, 6. Rouen/FR, 2. Paris/FR, 3. Strasbourg/FR
4. Grenoble/FR, 5. Clermont-Ferrand/FR
7. Marseille/FR

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PREOPERATIVE SINGLE-INHALER TRIPLE THERAPY IN LUNG CANCER AND UNTREATED CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH POOR PULMONARY FUNCTION

Takahiro Homma
Kawasaki/JP



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Massimiliano Bassi, Camilla Poggi, Carolina Carillo, Ylenia Pecoraro, Davide Amore, Emilia Mottola, Rita Ferreira Vaz Sousa, Anastasia Centofanti/FRsco Ferrante, Valerio Sebastianelli, Antonio Pio Evangelista/FRsco Maria Mattoccia, Beatrice Zacchini, Martina Bianco, Jacopo Vannucci, Daniele Diso, Marco Anile, Federico Venuta, Tiziano De Giacomo
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Ayse Ulusoy, Mustafa Akyil, Serkan Bayram, Elçin Ersöz, Serdar Evman, Volkan Baysungur
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1. Lünen/DE, 2. Köln/DE

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Oleg Pikin, Andrey Ryabov, Konstantin Kolbanov, Vladimir Glushko, Oleg Aleksandrov
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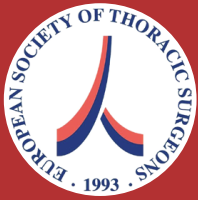
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Toshimasa Okazaki, Takuma Nakano, Kazuyoshi Shimada
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Yajie Zhang, Dong Dong, Hecheng Li
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Nina Maksimovic (1,2), Kirill Neumann (2), Rune Eggum (2), Frode Reier-Nilsen (2), Henrik Aamodt (2), Jarlis Wesche (1,2), Knut Stavem (1,2)
1. Oslo/NO, 2. Loerenskog/NO

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1, 2 Rome/IT, 3. Perugia/IT



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ROBOTIC SURGERY HAS ERGONOMIC BENEFITS OVER THORACOSCOPIC SURGERY IN LOBECTOMY

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1,2 Istanbul/TR, 3. Bursa/TR

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ROUTINE CONVENTIONAL AIR LEAK TESTING IS NOT REQUIRED FOR ROBOTIC MAJOR PULMONARY RESECTIONS

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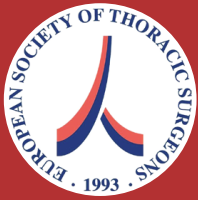
SALVAGE PNEUMONECTOMY: IS STILL AN EFFECTIVE METHOD OF TREATMENT?

Kalliopi Athanassiadi, Evangelia Liverakou Ioanna Sigala, Ioannis Kalomenidis, Konstantinos Elefteriou, Konstantinos Antonopoulos, Niki Gianniou, Elefteria Mizi Panagiotis Ouranis, Konstantina Romana Michael Vaslamatzis
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SHORT-TERM AND LONG-TERM OUTCOMES OF INTRAOPERATIVE RADIOETHERAPY FOR RESECTABLE LOCALLY ADVANCED ADENOCARCINOMA OF OESOPHAGOGASTRIC JUNCTION: A SINGLE-INSTITUTION, PROSPECTIVE, SINGLE-ARM, PHASE I TRIAL

Long Zhang, Guochao Zhang, Qinfu feng, Pan Ma, Chao Zheng, Lide Wang (1), Qi Xue, Yong Li
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SHORT-TERM OUTCOMES OF ROBOTIC VERSUS UNI-PORTAL VIDEO-ASSISTED APPROACH IN ANATOMICAL LUNG RESECTION FOR LUNG CANCER: A SINGLE CENTRE EXPERIENCE.

Ahmed El-Zeki, AZ Mughal, Ahmed M Habib, Patrick Yiu, Ahmed Oliemy
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SHOULD MEDIASTINAL LYMPHADENECTOMY BE RECOMMENDED FOR STAGE IA TYPICAL LUNG CARCINOID TUMOR?

Jaroslaw Szymon Swirta, Marcin Zielinski
Zakopane/PL

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SINGLE INSTITUTIONAL EXPERIENCE OF NEOADJUVANT IMMUNOCHEMOTHERAPY FOR LUNG CANCER FROM A CHINESE HIGH-VOLUME CENTER

Qihai Sui
Shanghai/CN

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SINGLE-STAGED LARYNGOTRACHEAL RECONSTRUCTION IN IDIOPATHIC STENOSIS

Karen Stephanie Aguilar González, Marina Allameh Fernández, María Amparo Gascón Gascón, Mireia Espinós Arnau, Sonia Pérez Sancho, Carlos Jordá Aragón, Alilis Cecilia Fontana Bellorín, Juan Escrivá Peiro, Víctor José Calvo Medina, Genaro Galán Gil, Richard Wins Biraben, Alfonso Morcillo Áixela, Jose Cerón Navarro, Jesús Gabriel Sales Badia
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SPREAD THROUGH AIR SPACES IS A POWERFUL PROGNOSTIC PREDICTOR IN PATIENTS WITH COMPLETELY RESECTED PATHOLOGICAL STAGE I LUNG ADENOCARCINOMA WITH INVASIVE SIZE = 2 CM

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SPREAD THROUGH THE AIR SPACE: SURVIVAL AND RECURRENCE IN A SINGLE COHORT OF EARLY-STAGE LUNG ADENOCARCINOMAS

Samuele Nicotra, Luca Melan, Alessandro Bonis, Stefano Silvestrin, Giorgio Cannone, Vincenzo Verzeletti, Stefano Dal Moro, Ivan Lomangino, Giulia Lorenzoni, Dario Gregori, Alessandro Rebusso, Andrea Dell'Amore, Federico Rea
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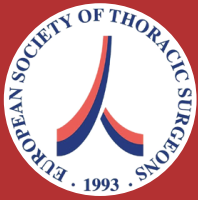
STAGE OF RECURRENCES FOLLOWING PRIMARY STEREOTACTIC BODY RADIATION THERAPY VERSUS SURGERY FOR EARLY-STAGE NON-SMALL CELL LUNG CANCER

Nicole Lin, Devanish Kamtam, Natalie Lui, Douglas Liou, Irmina Elliott, Brandon Guenthart, Mark Berry, Leah Backhus, Joseph Shrager
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Julika Merres (1), Alberto Lopez-Pastorini (1), Thomas Galetin (2), Aris Koryllos (2), Rachel Roos Klamer (2), Erich Stoelben (1)
1. Cologne/DE, 2. Dusseldorf/DE



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SUBLOBAR RESECTION VS. LOBECTOMY IN CLINICAL STAGE T3 NON-SMALL-CELL LUNG CANCER: AN ANALYSIS FOCUSED ON THE CONSOLIDATION TUMOR RATIO (CTR)

Yutaro Sato, Atsushi Hata, Takamasa Ito, Takayoshi Yamamoto, Takekazu Iwata
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SUBXIPHOID SINGLE-PORT ROBOTIC THYMECTOMY USING THE SINGLE-PORT ROBOTIC SYSTEM VERSUS VIDEO-ASSISTED THORACIC SURGERY THYMECTOMY: A RETROSPECTIVE, MULTI-INSTITUTIONAL STUDY

Jun Hee Lee (1), Jae Ho Chung (2), Jinwook Hwang (3), Younggi Jung (2), Sungho Lee (2), Hyun Koo Kim (1)
1, 2 . Seoul/KR, 3. Ansan/KR

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SUCCESSFUL TREATMENT OF OBSTRUCTIVE PNEUMONIA WITH HEMOPTYSIS CAUSED BY NON-ABSORBABLE SUTURE ASSOCIATED GRANULATION 12 YEARS AFTER LOBECTOMY FOR A PULMONARY CARCINOID TUMOUR

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Dania Nachira, Khrystyna Kuzmych, Alessia Senatore, Maria Teresa Congedo, Marco Chiappetta, Filippo Lococo, Carolina Sassorossi, Stefano Margaritora, Elisa Meacci
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SURGICAL OUTCOMES AFTER EXTENDED THYMECTOMY WITH RESECTION OF MEDIASTINAL VASCULAR STRUCTURES.

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SURGICAL OUTCOMES AFTER NEOADJUVANT CHEMO-IMMUNOTHERAPY IN RESECTABLE LUNG CANCER

Joshil V Lodhia, Nilanjan Chaudhuri, Richard Milton, Marco Nardini, Peter Tcherveniakov, Elaine Teh, Alessandro Brunelli
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SURGICAL OUTCOMES AND PROGNOSIS OF PATIENTS HAVING LUNG CANCER COMBINED WITH INTERSTITIAL LUNG DISEASE

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SURGICAL OUTCOMES OF COMPLEX SEGMENTECTOMY FOR CLINICAL STAGE IA NON-SMALL CELL LUNG CANCER ADJACENT TO THE INTERSEGMENTAL PLANE OF S6 SEGMENT

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Shinsuke Uchida, Aritoshi Hattori, Hisashi Tomita, Mariko Fukui, Takeshi Matsunaga, Kazuya Takamochi, Kenji Suzuki
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SURGICAL STABILIZATION OF MULTIPLE RIB FRACTURES USING A CLAW-TYPE TITANIUM PLATE: A SINGLE-CENTER EXPERIENCE

Yasuaki Tomioka, Kenta Manabe, Eiji Yamada, Masahiko Muro
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SURGICAL TREATMENT OF AN ACQUIRED BENIGN TRACHEOESOPHAGEAL FISTULA AFTER TREATMENT FOR DIFFUSE LARGE B-CELL LYMPHOMA

Benoit Jacques Bibas, Ismar Gobira-Chagas, Hyroan Brandell, Mariana Rodrigues Cremonese, Oswaldo Gomes-Jr, Fabio Eiti Nishibe Minamoto, Ricardo Mingarini Terra
São Paulo/BR

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São Paulo/BR

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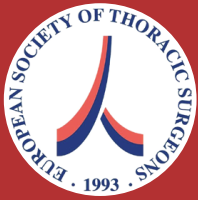
SURVIVAL FOLLOWING SYSTEMIC TREATMENT AND ESOPHAGECTOMY IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA WITH DISTANT LYMPH NODE METASTASIS

Chia Liu (1), Po-Kuei Hsu (1), Ping-Chung Tsai (2), Ling-I Chien (3)
1, 3. Taipei/TW, 2. Kaohsiung/TW

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Carolina Sassorossi (1), Marco Chiappetta (1), Filippo Lococo (1), Alessia Senatore (1), Franco Facciolo (2), Filippo Gallina (2), Giuseppe Cardillo (3), Sara Ricciardi (3)/FRsco Guerrera (4), Eleonora Della Beffa (4), Marco Lucchi (5), Vittorio Aprile (5), Giulia Veronesi (6), Pierluigi Novellis (6), Riccardo Di Fonzo (6), Marco Alloisio (7), Emanuele Voulaz (7), Ludovic Fournel (8), Thomas Charrier (8), Stefano Margaritora (1)
1, 2, 3. Rome/IT, 4. Turin/IT, 5. Pisa/IT
6, 7. Milan/IT, 8. Paris/FR



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[Omer Faruk Saglam](#) (1,2), Burcu Kilic (1), H.Volkan Kara (1), Akif Turna (1), Kamil Kaynak (1), Ezel Ersen (1)
1. Istanbul/TR, 2. Tokat/TR

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[Yongsen Li](#) (1), Zhike Chen (1), Tian Xia (1), Haoxin Wan (1), Yi Lu (2), Cheng Ding (1), Fangbiao Zhang (3), Ziqing Shen (1), Shu Pan (1)
1. Suzhou/CN, 2. Yangzhou/CN, 3. Lishui/CN

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[Dagistan Bozkurt](#), Celal Bugra Sezen, Cemal Aker, Muhammed Alkhatib, Ezgi Nilay Kazanasmaz, Özkan Saydam, Muzaffer Metin
Istanbul/TR



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1. Bursa/TR, 2. Istanbul/TR

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1, 3. Essen/DE, 2. Köln/DE, 4. Vienna/AT

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1, 2, 3. Istanbul/TR, 4. Bursa/TR, 5. Ankara/TR

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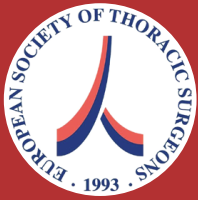
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Po-Kuei Hsu
Taipei/TW

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Ryusuke Sumiya, Takeshi Matsunaga, Yukio Watanabe, Mariko Fukui, Aritoshi Hattori, Kazuya Takamochi, Kenji Suzuki
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Robert Chudzik, Krzysztof Buczynski, Pawel Rybojad, Marek Sawicki
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Elisa Meacci (1), Dania Nachira (1), Khrystyna Kuzmych (1), Maria Teresa Congedo (1), Marco Chiappetta (1), Alessandro Di Stefani (2), Laura Del Regno (2), Ketty Peris (2), Elizabeth Katherine Anna Triumbari (3), Giovanni Schinzari (4), Ernesto Rossi (4), Leonardo Petracca Ciavarella (1), Maria Letizia Vita (1), Edoardo Zanfrini (5), Diomira Tabacco (1), Giuseppe Calabrese (1), Jessica Evangelista (1), Stefano Margaritora (1)
1, 2, 3, 4. Rome/IT, 5. Lausanne/CH

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THORACIC AUTONOMIC NERVOUS SYSTEM SURGERY CURRENT APPLICATIONS. A SURVEY AMONG MEMBERS OF THE EUROPEAN SOCIETY OF THORACIC SURGEONS

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1. Monza/IT, 2. Bologna/IT, 3. Madrid/ES, 4. Szeged/HU, 5. Istanbul/TR, 6. Essen/DE 7. Strasbourg/FR, 8. Tournai/BE, 9. Wien/AT 10. Leuven/BE, 11. Lisboa/PT

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Lin Huang, René Horsleben Petersen Copenhagen/DK

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Sara Fra, Ely Bravo, Dirk H. Ortgies, Diego Méndez-González, M. Carmen Iglesias-De La Cruz, Laura Ruiz-Cañas, Gemma María Muñoz-Molina, Alberto Cabañero-Sánchez, Usue Caballero-Silva, Bruno Sainz), Nicolás Moreno-Mata Madrid/ES

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1. Bari/IT, 3. Leeds/UK, 4. Houston/US, 5. London/UK

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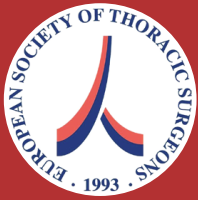
1,3. Sfax/TN, 2. Gabes/TN, 4. Medenine/TN

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1. Foggia/IT, 2. Newcastle Upon-Tyne/UK, 3. Bari/IT



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TUMOR DEPOSITS IN THE IMPACT OF ESOPHAGEAL SQUAMOUS CELL CARCINOMA RECURRENCE AND REDUCED SURVIVAL

Sikai Wu

Beijing/CN

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Marco Chiappetta, Carolina Sassorossi, Filippo

Lococo, Elisa Meacci, Maria Teresa Congedo,

Dania Nachira, Antonio Giulio Napolitano, Ettore

D'Argento, Jacopo Russo, Guido Horn, Gloria

Santoro, Stefano Margaritora

Rome/IT

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Alina-Maria Budacan, Akshay J Patel, Pavithra

Babu, Haitham Khalil, Vaiyapuri Sumathi, Michael

Parry, Maninder S Kalkat

Birmingham/UK

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Jiacong Liu, Linhai Zhu, Xuhua Huang, Jun Cheng,

Yiqing Wang, Pinghui Xia, Xiayi Lve, Jian Hu

Hangzhou/CN

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Marco Chiappetta, Dania Nachira, Filippo Lococo,

Elisa Meacci, Carolina Sassorossi, Maria Teresa

Congedo, Antonio Giulio Napolitano, Adriana

Nocera, Stefano Margaritora

Rome/IT

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Duilio Divisi (1), Giulia De Martinis (2), Gino

Zaccagna (1), Martina Naviganti (2), Luca

Procaccini (3), Andrea De Vico (1), Chiara Angeletti

(2)

1. L'Aquila/IT, 2,3. Teramo/IT

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UNDERSTANDING THE COMPLEXITY OF CONCURRENT CANCERS IN LUNG CANCER PATIENTS:

A FOCUS ON ATLANTIC CANADA

Kassandra M Coyle, Yingtong Gao, Rowan Murphy,

Graham Dellaire, Alison M Wallace

Halifax/CA

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Iris E.w.g. Laven, Aimée J.p.m. Franssen, Koen

C.h.a. Verkoulen, Michiel H.m. Gronenschild, Karel

W.e. Hulsewé, Yvonne L.j. Vissers, Erik R De Loos

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Catarina Nunes Figueiredo, Filipa Canedo, José

Pedro Barbosa, Zenito Cruz, Catarina Moita, Luisa

Semedo, Paulo Calvinho

Lisboa/PT



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USING DEEP LEARNING MODELS FOR PREDICTION OF PROLONGED HOSPITAL STAY AFTER NON-SMALL CELL LUNG CARCINOMA SURGERY

Gizem Özçibik Isik, Onur Sefa Özçibik, Burcu Kiliç, Ezel Ersen, Mehmet Kamil Kaynak, Akif Turna, Hasan Volkan Kara
Istanbul/TR

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1, 15. Madrid/ES, 2,4. Sevilla/ES, 3. Málaga/ES, 5. Cádiz/ES, 6. Murcia/ES, 7. Granada/ES
8, 26, 28. Barcelona/ES, 9. Zaragoza/ES
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30. Palma De Mallorca/ES, 31. Baracaldo/ES
32. Santa Cruz De Tenerife/ES, 34. Lleida/ES

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VIDEO ASSISTED THORACOSCOPIC RESECTION (VATS) IS FEASIBLE IN SELECTED CASES OF LOCALLY ADVANCED STAGE IIIA/IIIB/IIIC NSCLC AFTER NEOADJUVANT CHEMOIMMUNOTHERAPY – A SINGLE CENTER EXPERIENCE

Michal Benej, Thomas Klikovits, Tibor Krajc, Leyla Ay, Hannah Fabikan, Maximilian Hochmair, Stefan Watzka
Vienna/AT

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WEDGE RESECTION VS. SEGMENTECTOMY IN SMALL PERIPHERAL NON-SMALL-CELL LUNG CANCER: IS THE CONSOLIDATION TUMOR RATIO USEFUL FOR INDICATION?

Atsushi Hata, Yutaro Sato, Takamasa Ito, Takayoshi Yamamoto, Takekazu Iwata
Chiba/JP

P-348

WHICH PATIENTS WITH PARIETAL PLEURA INVASION (PL3) IN SURGICALLY RESECTED NON-SMALL-CELL LUNG CANCER HAVE A WORSE PROGNOSIS? A MULTI-CENTER STUDY

Necati Citak (1), Dilay Karamik (2), Volkan Erdogan (3), Canberk Heskiloglu (2), Dilekhan Kizir (3), Esra Yamansavci Sirzai (2), Muhammed Alkhatib (3), Seyda Örs (2), Özgür Isgörücü (3), Ahmet Üçvet (2), Muzaffer Metin (3), Kenan Can Ceylan (2)
1, 2. Izmir/TR
3. Istanbul/TR

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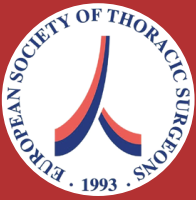
ANALYSIS OF THE CLINICOPATHOLOGICAL CHARACTERISTICS, GENETIC PHENOTYPES, AND PROGNOSTIC OF PRIMARY PULMONARY AND BRONCHIAL ADENOID CYSTIC CARCINOMA

Zhengyang Hu, Zongwu Lin
Shanghai/CN

P-350

PRELIMINARY STUDY COMPARING SURGEON-PERCEIVED MUSCLE EXERCISE DURING ROBOT ASSISTED VERSUS UNASSISTED UNIPORTAL THORACOSCOPIC SURGERY

Patrick Bagan, Bassel Dakhil, Rym Zaimi, Mariem Hadj Dammane, Kaouther Benamara, Wissam Azbabay
Argenteuil/FR



32nd ESTS MEETING

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POSTERS

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DOES SURGICAL MARGIN AFFECT RECURRENCE AND SURVIVAL AFTER PULMONARY SEGMENTECTOMY FOR CT1 LUNG CANCER?

Edoardo Zanfrini, Michel Gonzalez
Lausanne/CH

P-352

FEASIBILITY AND EARLY OUTCOMES OF THORACOSCOPIC SUBSEGMENTECTOMY FOR PRIMARY LUNG CANCER

Changyoung Lee, Youngho Yang, Goeun Byun, Haeun Kim, Byungzo Park, Jingu Lee, Daejoon Kim
Seoul/KR

P-353 GLOBAL LEADERSHIP INITIATIVE ON NEW MALNUTRITION CRITERIA FOR POSTOPERATIVE PRIMARY LUNG CANCER: USEFULNESS OF PREOPERATIVE MUSCLE MASS MEASUREMENT

Ayaka Asakawa, Hironori Ishibashi, Yukitaka Sato, Ryota Ishizawa, Yuya Ishikawa, Ryo Wakejima, Kenichi Okubo
Tokyo/JP

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THE ROLE OF [18F]FDG PET/CT IN PATIENTS UNDERGOING PULMONARY MICROWAVE ABLATION

Paolo Mendogni, Angelo Castello, Giulia Anna Zuccotti, Massimo Castellani, Anna Maria Ierardi, Sara Franzì, Alessandro Palleschi, Lorenzo Rosso, Gianpaolo Carrafiello, Davide Tosi
Milan/IT

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PREOPERATIVE ATRIAL FIBRILLATION AND PERIOPERATIVE OUTCOMES AFTER ROBOTIC-ASSISTED PULMONARY LOBECTOMY

Ananya Siragavarapu, Victoria Gonzalez Macuare, Ambuj Kumar, Aihab Aboukheir Aboukheir, Joseph R Garrett, Carla C Moodie, Jenna R Tew, Katherine M Dillen, Eric M Toloza, Jacques P Fontaine, Jobelle Joyce-Anne R. Baldonado
Tampa FL/US

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REDUCING POSTOPERATIVE ICU ADMISSIONS IN LUNG RESECTION: EFFICIENCY AND QUALITY IMPROVEMENT LESSONS FROM COVID-19

Diederik Willem Van Oyen, Pauline C Mens, Rosaline Van Den Berg, Geertruid M H Marres, Erik M Von Meyenfeldt
Dordrecht/NL

P-357

SURGICAL DECISION-MAKING REGARDING EXTENT OF LUNG RESECTION: A QUALITATIVE ASSESSMENT OF SURGEON QUESTIONNAIRES IN THE INITIATIVE FOR EARLY LUNG CANCER RESEARCH ON TREATMENT (IELCART)

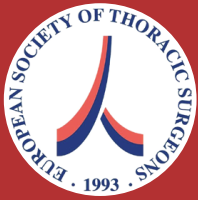
Ammara Abbasi Watkins (1), Rowena Yip (2), Andrew Kaufman (2), Witold Rzyman (3), Henry Tannous (4), Paul Lee (5), Clifford Connery (6), Harvey Pass (7), David F Yankelevitz (8), Claudia I henschke (8), Raja M Flores (8)
1. Burlington/US, 2, 7, 8. New York/US
3. Gdansk/PL, 4. Stony Brook/US
5. Northwell Health/US

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VACUUM THERAPY IN PEDIATRIC AGE GROUP PECTUS EXCAVATUM

Esra Yamansavci Sirzai
Izmir/TR

SECOND SECTION



32nd ESTS MEETING

26 - 28 MAY 2024 • BARCELONA, SPAIN

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GENERAL INFORMATION

REGISTRATION & ABSTRACT SUBMISSION

REGISTRATION

Open: Friday 1 December 2024

Early Bird Registration Deadline: Friday 15th March 2024

ABSTRACT SUBMISSION

Open: Friday 1 December 2024

Closes: Monday 15 January 2024 at 23:59 hours CET

CAR PARKING

Parking area available at the Congress venue.

WIRELESS INTERNET ACCESS

WiFi Internet access area will be available at the Congress.

SOCIAL EVENTS

Welcome Cocktail

ESTS 2024 Welcome Cocktail will be held on Sunday 26 May late afternoon after the Opening Ceremony. (included in the registration fee)

ESTS GET TOGETHER

(not included in the registration fee)

Date: Monday 27 May

Dress code: Smart casual

ACCOMMODATION DETAILS

Accommodation details will be available at the website and further announcements.

ECO-FRIENDLY

ESTS is a sustainable and environmental friendly Congress encouraging the use of recyclable material.

SMOKING

ESTS 2024 is a non smoking congress.

REGISTRATION DESK

Participants can pick up their personal Congress material at the registration desk, which will be open as follows

Saturday 25 May	16:00 - 19:00h
Sunday 26 May	07:30h -18:00h
Monday 27 May	07:30h - 18:00h
Tuesday 28 May	07:30h - 14:30h

The Congress Secretariat will be available to assist you during the Congress. Please do not hesitate to contact this office for help or advice.



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GENERAL INFORMATION

ATTENDANCE

The Congress usually attracts between between 1.200 and 1.500 delegates from all over Europe and from all over the World.

LANGUAGE

The official language of the Meeting is English.

NAME BADGES

Participants and accompanying persons are obliged to wear the official Congress name badges on all Congress occasions.

EXHIBITION

Access to the exhibition is free for registered participants. The exhibition will be open from 26 to 28 May 2024 during the congress hours.

LUNCH AND REFRESHMENTS

Lunches are not included in the participants' registration fee.
Coffee, tea will be available in the exhibition area during the breaks.

LIABILITY

By registering for the Congress and/or by participating in the exhibition joined to the Congress, participants and exhibitors agree that ESTS, the Organizing Committee or the Congress Secretariat do not assume any responsibility for damage or injuries to persons or property during the Congress. Participants and exhibitors are advised to organize their own health, travel and personal insurances.

LETTER OF INVITATION

Upon request, the Chairman of the Local Organizing Committee will be pleased to send a personal letter of invitation so as to enable participants to obtain supporting funds or visas for attending the Congress. These invitation letters cannot be considered as an offer of financial support by the organizers.

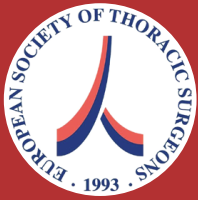
CERTIFICATE OF ATTENDANCE

Participants will receive a certificate of attendance which will be sent by email after the congress.

CONFERENCE APP

ESTS Barcelona 2024 is a Paperless Meeting.
A conference App will be made available for participants containing all necessary information, featuring and replacing, among other items the complete conference program and abstract book.

The ESTS Conference App will be accessible for download on Android and IOS devices (smartphones, tablets, iPhones and iPads).



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GENERAL INFORMATION

VENUE

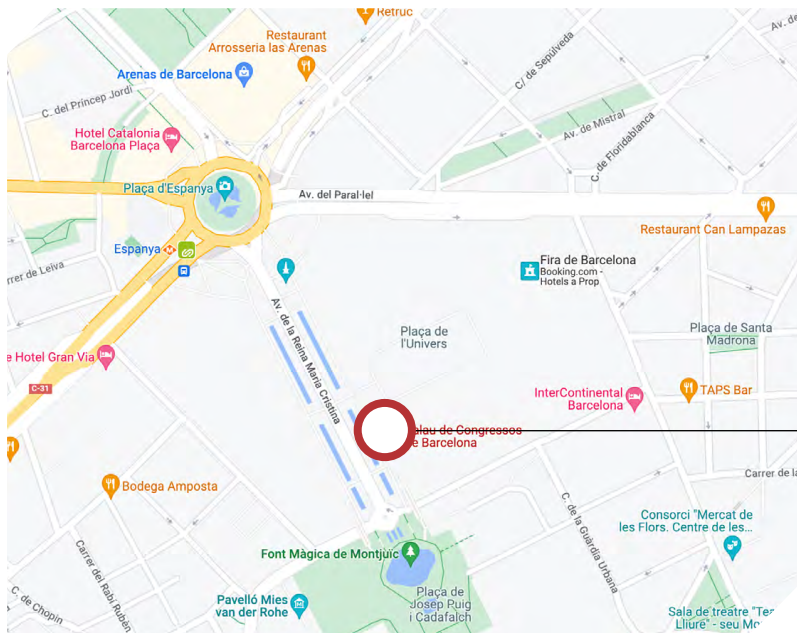
Palau de Congressos de Barcelona
Av. de la Reina Maria Cristina, s/n,
08004 Barcelona

WEBSITE

www.ests2024.com
www.ests.org



Fira Barcelona



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www.ests.org

MEETING SECRETARIAT

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28014 Madrid (Spain)
Tel. +34 91 3300565
Exhibition
Ms Asun Marzo
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T. +34 932463566
Registrations - General Information
Ms Tatiana Rodríguez
ests@viajeseci.es



VIAJES El Corte Inglés

CONGRESOS CIENTÍFICO-MÉDICOS



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REGISTRATION FEES

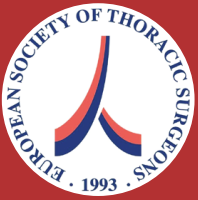
	EARLY FEES until March 15th	LATE FEES until May 1st	ONSITE FEES from May 2nd
ESTS Member high-income*	515€	580€	695€
ESTS Member upper-middle-income*	210€	245€	360€
ESTS Member low-income*	60€	95€	95€
ESTS Honorary Member	please contact ests@viajeseci.es		
Non-Member	820€	930€	1,020€
ERS Member (for pulmonologists only)	210€	375€	465€
Daypass ESTS Member (only possible for one day)	265€	290€	320€
Daypass Non Member (only possible for one day)	440€	465€	500€
Trainee ESTS Member	115€	175€	265€
Trainee non Member**	180€	245€	360€
Allied professionals**	100€	125€	150€
Medical Student (undergraduate)**	0€	0€	0€
NOT INCLUDED IN THE REGISTRATION FEE			
ESTS Party Ticket	140€	140€	140€
ESTS Party Ticket Reduced price for Trainee only (Limited 80 tickets)	110€	110€	110€
ESTS Party Ticket Reduced price for Allied Health Professional only (Limited to 20 tickets)	110€	110€	110€
Sunrise Sessions	30€	40€	50€
Childcare services		FREE	

Spanish VAT is included in the prices listed above

* For the classification please visit www.ests.org

** Proof of trainee, student status or nurse certificate must be uploaded on the online registration

For ESTS members: Reduced early registration is available to ESTS members whose membership fees are paid up to date including their 2024 member fee by the close of early registration on 15 March 2024. For members that pay their member fee after this date, late or on-site registration fee will apply.



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REGISTRATION CANCELLATION POLICY

-All cancellation and changes to registrations must be sent to e-mail:ests@viajeseci.es

The following registration CANCELLATION POLICIES apply:

Written notice of registration cancellation by 30 April 2024: 50% refund of the paid registration fee (less EUR 25 administration fee).

No refund will be granted for registration cancelled after this date.

Reimbursements will be made after the conference.

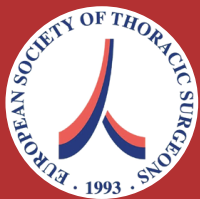
All costs and bank charges applied for payments and reimbursements of registration fees must be supported by the participant.

TERMS OF PAYMENT

The following payment options are available via the online registration form:

Bank transfer- all relevant bank details are made available on the registration form.

Credit card - payment via secure online e-commerce gateway (VISA and Mastercard accepted).



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LUNCH SYMPOSIA SESSIONS - SUNDAY 26 MAY



Moderator: Prof. Marcelo Jimenez, Spain

The evolution of Segmentectomy

Prof. Peter Licht, Denmark

Segmentectomy with 3D reconstruction

Mr. Alessandro Brunelli, UK

12:00-13:00h

Room 5

[Click here](#)



OPTIMIZING POSTOPERATIVE CARE-A GLOBAL PERSPECTIVE

The focus of this session would be to discuss real world and current protocols for caring for postoperative patients in order to maximize the benefits of minimally invasive thoracic surgery.

Moderators: Stephen Cassivi (Rochester, Minnesota, USA) and Agathe Seguin Givelet (Paris, France)

12:00-13:00h

Room 8

12.00-12.05h Introduction

12.05-12.15h **EUROPE**

Ilies Bouabdallah (Marseille, France)

Speaking about the protocols and practices that his team has developed to make the most of the minimally invasive experience as well as perioperative ERAS that he has set up in his institution.

12.15-12.25h **NORTH AMERICA**

Sebastien Gilbert (Ottawa, Canada)

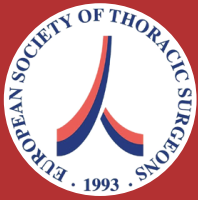
Speaking to the issue of optimizing perioperative care and the initiatives that he has led in better understanding the role of chest drains

12.25-12.35h **ASIA**

Kenji Suzuki (Kyoto, Japan)

Speaking to the experience in Asia with maximizing the benefits of minimally invasive thoracic surgery and ERAS in the context of his region of the world.

12.35-12.45h Moderated Panel Discussion / Audience Questions



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LUNCH SYMPOSIA SESSIONS - SUNDAY 26 MAY

Johnson & Johnson
MedTech

12:00-13:00h
Room 3

HCP AND PATIENT PERSPECTIVE: OPTIMIZING SURGICAL OUTCOMES THROUGH COLLABORATION ACROSS THE TREATMENT CONTINUUM

Moderators: G. Casali & Cecilia Pompili

Will be participating in the discussion:

Mara Antonoff, thoracic surgeon
Enriqueta Felip, medical oncologist
Merel Hennink, patient advocate
M. Quist, physiotherapist

Panelist

- Mara Antonoff: Associate Professor, Thoracic and Cardiovascular Surgery at MD Anderson Cancer Center Bellaire, Texas, United States
- G. Casali: Senior Director Medical Affairs J&J MedTech
- Enriqueta Felip: Section in Chief, Medical Oncology Department, Director Thoracic Oncology Unit Vall d'Hebron University Hospital
- Merel Hennink: Patient Advocate, LuCE Lung Cancer Europe
- C. Pompili: Associate Professor in Psychosocial Oncology Hull University Teaching Hospitals NHS Trust
- M. Quist: Associate Professor, Department of Clinical Medicine Rigshospitalet, University of Copenhagen

SIEMENS
Healthineers

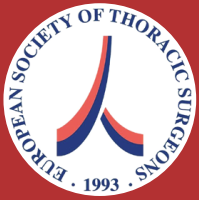
12:00-13:00h
Room 4

CUTTING-EDGE IMAGING TRANSFORMING THORACIC SURGERY

Challenges in minimal invasive thoracic surgery - role of intraoperative imaging
Dr. Francesco Zaraca, Vascular and Thoracic Surgery, Bolzano Central Hospital, Italy

Implication of lung cancer screening on therapy - role of hybrid OR
Dr. Marco Mammana, Thoracic Surgery, University Hospital of Padua, Italy

Image-guided robotic bronchoscopy with portable CBCT - First UK experience
Dr. Tom Routledge, Thoracic Surgery, London Bridge Hospital, UK



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LUNCH SYMPOSIA SESSIONS - MONDAY 27 MAY



Moderator: Dr. Didier Schneiter, Switzerland

From awareness to implementation of lung volume reduction surgery
Prof. Laurens Ceulemans, Belgium

The adoption of lung volume reduction surgery
Dr. Daniel Cabral, Portugal

12:30-13:30h
Room 5

[Click here](#)



SURGICAL IMPLICATIONS OF PERIOPERATIVE IO FOR RESECTABLE NSCLC

12.30-12.35h **Opening**
Mir Alireza Hoda

12.35-12.50h **From paper to practice I: Surgeons' perspective on immunotherapy for resectable SCLC**
Mir Alireza Hoda

12.50-13.05h **From paper to practice II: Oncologists' perspective on immunotherapy for resectable NSCLC**
Antonio Calles

13.05 -13-20h **Surgical approaches and challenges in relation to immunotherapy for resectable NSCLC**
Mara Antonoff

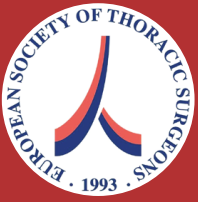
13.20-13.30h **Q&A**

Faculty

- Mara Antonoff
Thoracic Surgeon MD Anderson Cancer Center Houston, Texas, USA
- Antonio Calles
Medical Oncologist, Hospital General Universitario Gregorio Marañón, Madrid, Spain
- Mir Alireza Hoda
Thoracic Surgeon Medical University of Vienna Vienna, Austria

12:30-13:30h
Room 6

[Click here](#)



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LUNCH SYMPOSIA SESSIONS - MONDAY 27 MAY

AstraZeneca 

12:30-13:30h
Room 3

[Click here](#)

NOVEL SURGICAL CONSIDERATIONS WITH EVOLVING TREATMENT OPTIONS IN EARLY-STAGE NSCLC; CASE-BASED CONVERSATIONS

- 12.30-12.35h **Welcome and Introduction**
Chair: Jonathan Spicer
- 12.35-12.50h **The present and the future: where are we now and what is coming?**
Cecilia Pompili
- 12.50-13.05h **Enhancing surgical outcomes by optimising diagnostic workup and clinical staging**
Luis Seijo
- 13.05-13.20h **Presentation: Surgical techniques and considerations with immunotherapy**
David Harpole
- 13.20-13.30h **Panel discussion and Q&A Summary and close**
Moderated by Jonathan Spicer

INTUITIVE 

12:30-13:30h
Room 8

[Click here](#)

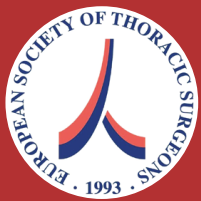
ION & DA VINCI: CHANGING THE LANDSCAPE OF LUNG CANCER

Chair: Tom Routledge

Early European experience with Ion shape sensing robotic bronchoscopy
Kelvin Lau

Challenges in lung cancer resection in the new era of induction immuno-chemotherapy
Isabelle Opitz

A Patients Experience.
A short presentation from a patient who's had both an Ion & dV procedure



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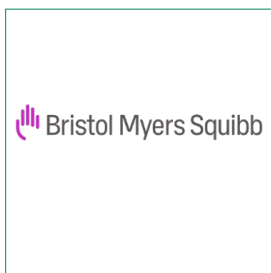
LUNCH SYMPOSIA SESSIONS - TUESDAY 28 MAY



12:00-13:00h
Room 8

OPTIMISING SURGICAL INTERVENTIONS AND SYSTEMIC TREATMENTS FOR RESECTABLE NSCLC

- 12.00-12.10h **Welcome and introduction**
Prof. Alessandro Brunelli
- 12.10- 12.30h **Integrating surgical and systemic treatment approaches: choices, challenges and practicalities**
Prof. Enrico Ruffini
Dr Margarita Majem
- 12.30-12.45h **Panel discussion: A multidisciplinary and personalised approach to treating patients with resectable NSCLC**
All
- 12.45-12.55h **Audience Q&A**
- 12.55-13.00h **Closing remarks**
Prof. Alessandro Brunelli



12:00-13:00h
Room 3

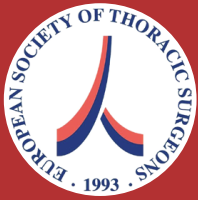
NEOADJUVANT I-O FOR RESECTABLE NSCLC: A NEW TOOL IN THE SURGEON'S HANDS

Chair: Jonathan Spicer, MD, PhD, FRCS
McGill University & Montreal General Hospital Montreal, Quebec, Canada

Ernest Nadal, MD, PhD
Catalan Institute of Oncology Barcelona, Spain

- Welcome & Introductions
- Section 1: Why Neoadjuvant I-O + Chemo Instead of Surgery First?
- Section 2: Is pCR the New Survival?
- Section 3: How to Bring Neoadjuvant I-O + Chemo Into Real-Life Practice?
- Closing Remarks and Audience Q&A

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LUNCH SYMPOSIA SESSIONS - TUESDAY 28 MAY



12:00-13:00h
Room 5

Moderator: Mr Joel Dunning (UK)
Thoracic Surgeon, South Tees Hospitals NHS Foundation Trust

Speakers: Dr Patrick Bagan (FR)
Head of Department and Thoracic and Vascular, Surgeon,
Argenteuil Hospital

Mr Adam Peryt (UK)
Consultant Thoracic Surgeon, Royal Papworth Hospital NHS
Foundation Trust



12:00-13:00h
Room 4

AN EXCHANGING SESSION. ADVANCING SURGICAL TECHNIQUES IN THORACIC ONCOLOGY

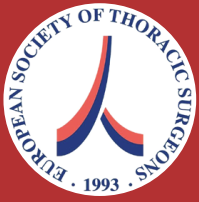
Speakers: Dr. Marc Boada Collado
Associate Professor, Universitat de Barcelona
Thoracic Surgery Service, Hospital Clinic, Barcelona, Spain

Prof. Ling Lin (online)
Deputy Chief Surgeon, Department of General Thoracic Surgery,
Shanghai Chest Hospital, Shanghai Jiao Tong University, Shanghai, China

Dr. Mateusz Rydel
Doctor, Scientific and Teaching Assistant, Department and Clinic of
Thoracic Surgery, Medical University of Silesia in Katowice, Zabrze, Poland

Henry Nie
EziSurg Medical Founder, Chairman, Chief Scientist Standing Director,
Shanghai, China

- 12:00-12:05h Opening
Dr. Marc Boada
- 12:05-12:10h easyEndo Powered Stapler Launch Ceremony
Henry Nie
- 12:10-12:25h Precise Treatment - Pulmonary Segmentectomy with Powered
Stapler (online)
Prof. Ling Lin
- 12:25-12:40h Esophageal Cancer - Minimally Invasive Resection and Complications
Management
Dr. Mateusz Rydel
- 12:40-12:55h Robotics in Oncology Advanced Surgery: Present and Future
Dr. Marc Boada
- 12:55-13:00h Q&A and Ending
Dr. Marc Boada



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NETWORKING EVENTS

WELCOME RECEPTION

SUNDAY 26 MAY 2024 • 19:00-20:00h

Exhibition Area-Palau de Congressos de Barcelona



TRAINEES GET TOGETHER EVENING

SUNDAY 26 MAY 2024 • 20:15-22:30h

Royal Passeig de Gràcia

(Passeig de Gràcia 83 - Terrace Bar)



WOMEN IN THORACIC SURGERY GET TOGETHER EVENING

SUNDAY 26 MAY 2024 • 20:00-22:00h

Barceloneta Restaurant

(L' Escar, 22)



ESTS 2024 DINNER

MONDAY 27 MAY 2024 • 19:30-23:30h

El Xalet de Montjuic

(Avda Miramar, 31)



