



Fifth International Joint Meeting on THORACIC SURGERY

Barcelona, 17th, 18th and 19th November, 2021

Venue: Auditorio Foment del Treball Nacional
Via Laietana 34, 08003 Barcelona (Spain)

www.thoracicsurgery2021.org

10th

International Meeting on General Thoracic Surgery



9th

International Workshop on Surgical Exploration of
the Mediastinum and Systematic Nodal Dissection



4th

Meeting of the Thoracic Oncology, Thoracic Surgery,
Techniques & Transplant, Respiratory Nursing and
Respiratory Physiotherapy Areas of the Spanish
Society of Pneumology and Thoracic Surgery (SEPAR)



3rd

Meeting on Malignant Thymic Tumours



2nd

Joint Meeting of the Spanish Society of Thoracic
Surgery (SECT)







Fifth International Joint Meeting on
THORACIC SURGERY
 Barcelona, 17th, 18th and 19th November, 2021

10 th	International Meeting on General Thoracic Surgery	  
9 th	International Workshop on Surgical Exploration of the Mediastinum and Systematic Nodal Dissection	 
4 th	Meeting of the Thoracic Oncology, Thoracic Surgery, Techniques & Transplant, Respiratory Nursing and Respiratory Physiotherapy Areas of the Spanish Society of Pneumology and Thoracic Surgery (SEPAR)	
3 rd	Meeting on Malignant Thymic Tumours	    
2 nd	Joint Meeting of the Spanish Society of Thoracic Surgery (SECT)	

Index

Presentation 4

Organizing Committee 4

Objectives and Background 5

Programme 8

- Wednesday, November 17th, 2021 8
- Thursday, November 18th, 2021 15
- Friday, November 19th, 2021 21

Sponsored Lunch Sessions 28

Scientific Information 31

List of Accepted Posters and Videos 33

Speakers and Chairpersons 36

Registration 40

Accommodation 42

Venue 44

City Information 46

Sponsors 47



Fifth International Joint Meeting on THORACIC SURGERY

Presentation

Dear colleagues:

We welcome you to the Fifth International Joint Meeting on Thoracic Surgery that will take place in Barcelona, Spain, in November 2021. The rewarding experiences of the First, Second, Third and Four International Joint Meetings on Thoracic Surgery held in the same city in 2009, 2012, 2015 and 2018 encourage all of us to work together once again with the purpose of celebrating the fifth edition in 2021.

The Joint Meeting 2021 will consist of a mixture of brief oral and video presentations comprising different areas of thoracic surgery and many other selected topics closely related to thoracic surgery and thoracic oncology, with special emphasis on diagnosis, staging and treatment of lung cancer. In addition, there will be breakfast sessions and lunch seminars specifically dedicated to relevant fields in thoracic surgery, and sessions of proffered papers in poster and video presentation format. A great effort has been made to present a programme with an outstanding content. In this meeting, particular attention has been given to the discussion time of the topics.

The Joint Meeting 2021 will take place in the Gothic Quarter of Barcelona, where the city originated and where the most emblematic public buildings are located: the Cathedral, the imposing church of St. Maria del Mar, one of the finest Gothic churches in Spain, and the Picasso Museum. Barcelona harbour; and the modernist buildings by Antonio Gaudi, La Pedrera and La Casa Batlló, are within walking distance of the Gothic Quarter. Autumn certainly is the best time of year to visit Barcelona and you can enjoy pleasant walks in the city.

We hope you will honour us with your active participation in this Fifth Joint Meeting 2021. 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.

With our kindest regards,

Organizing Committee

Laureano MOLINS. Co-Chair

Thoracic Surgery Service, Hospital Clínic, Barcelona, Spain

Ramón RAMI-PORTA. Co-Chair

Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

José BELDA-SANCHIS. Co-Chair

Thoracic Surgery Services, Hospital de la Santa Creu i Sant Pau, Hospital del Mar, Barcelona, Spain

Juan J. FIBLA

Thoracic Surgery Service, Hospital Universitari Sagrat Cor, Barcelona, Spain

Sergi CALL

Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Juan Carlos TRUJILLO-REYES

Thoracic Surgery Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Objectives and Background

Objectives

This Fifth Joint Meeting has two principal goals: to provide the newest and the best evidence on several topics in thoracic surgery, and to review the most important details of time-honoured and new procedures and surgical techniques.

The scientific programme, a full immersion in thoracic surgery and oncology, will combine a series of short lectures with video forum sessions and educational seminars. Particular attention has been given to the discussion time of the topics in order to promote an active and rewarding participation.

The scientific programme is designed to meet the needs of residents as well as young and senior specialists in thoracic surgery, pneumology, and oncology, as well as those of related specialists, i. e., anaesthesiologists, nurses and chest physiotherapists.

Background

The International Meetings on General Thoracic Surgery were organized by the General Thoracic Surgery Unit of Sagrat Cor University Hospital in Barcelona, in 1992, 1994, 1997, 1999 and 2002. International Faculty members came from USA and Europe (H. Grillo, W.S. Payne, H. Ellis, P. Goldstraw, D. Mathisen, R. Landreneau, P. Pairolero, S. Hazelrigg, S. Cassivi, D. Lardinois, A. Patterson, D. Nuss, I. Vogt Moykopf, A. Lerut, E. Rendina, K. Naunheim, M.R. Mueller, and others) with a valuable contribution of the Spanish units in each of the meetings.

The International Workshops on Surgical Exploration of the Mediastinum and Systematic Nodal Dissection were organized in Terrassa, Barcelona, Spain, in 1998, 2000, 2003 and 2006. Nearly 100 speakers from Spain and abroad participated in these highly specific meetings. Their highlights were the live surgery programmes featuring systematic nodal dissection and lung resection for lung cancer performed by Japanese thoracic surgeons (T. Naruke, R. Tsuchiya, T. Goya, H. Kondo, H. Nomori, and H. Asamura), and videomediastinoscopies, extended cervical videomediastinoscopies, video-assisted mediastinal lymphadenectomies, performed by staff thoracic surgeons and invited thoracic surgeons who developed these techniques (M. Huertgen, B. Witte, M. Zielinski, and J. Kuzdzal). Additionally, topics such as transbronchial needle aspiration and bronchial and oesophageal ultrasound with fine needle aspiration were integrated into the programme due to its clinical relevance and utility.



The Thoracic Oncology, Thoracic Surgery and Techniques, Transplant, Nursing and Chest Physiotherapy Areas are multidisciplinary collaborative working groups of the Spanish Society of Pneumology and Thoracic Surgery (SEPAR) mainly composed by thoracic surgeons and pulmonologists, but also by oncologists, radiologists, pathologists, nurses, etc. The number and quality of the scientific publications, guidelines and meetings testify to the long tradition and prestige of these working teams. Some of the most relevant works have been those of 1) the Bronchogenic Carcinoma Cooperative Group I (GCCB-SEPAR-I) that registered data from nearly 3000 patients with lung cancer who had undergone surgical treatment from 1993 to 1997; from the analyses of the collected data, more than 30 publications in indexed journals have been already published; 2) the Spanish Multicenter Study of Neuroendocrine Tumours of the Lung (EMETNE-SEPAR), with more than 5 publications in indexed journals specifically related to the treatment and prognosis of neuroendocrine lung tumours; 3) the Spanish Group for Surgical Resection of Colo-Rectal Pulmonary Metastases (GECMP-CCR-SEPAR) that finished the registration of data from more than 540 patients treated surgically in 2010 and has published 6 papers till now; 4) the Bronchogenic Carcinoma Cooperative Group II (GCCB-SEPAR-II), specifically created to participate in the Prospective Lung Cancer Staging Project of the International Association for the Study of Lung Cancer towards the 8th edition of the TNM classification of lung cancer, that already has registered online more than 2600 patients and has published recently the descriptive analysis of the registry; and 5) The Bronchogenic Carcinoma Cooperative Group III (GCCB-SEPAR-III) recently created to participate in the collection of data of the IASLC to inform the 9th edition of the TNM classification of lung cancer to be released in 2024.

In 2009, the leadership of these three long-standing initiatives joined their efforts in order to concentrate in a single meeting the updated information on several topics in the fields of general thoracic surgery and thoracic oncology. The result was the First International Joint Meeting on Thoracic Surgery that took place in Barcelona, Spain. National and International Faculty members from all around the world came to Barcelona to share knowledge and experience on relevant topics and novel aspects of thoracic surgery. The successful result in terms of scientific quality, number of participants and encouraging feedback prompted us to promote the celebration of the second, third, fourth and now fifth editions of the International Joint Meeting on Thoracic Surgery.

In the Fifth International Joint Meeting on Thoracic Surgery we will keep two innovations introduced in the Fourth: 1) The collaboration of the Spanish Society of Thoracic Surgery (SECT), created in 2007. The Spanish Society of Thoracic Surgery organizes an annual

congress as well as courses for residents in thoracic surgery. Its association with the Fifth International Joint Meeting on Thoracic Surgery will be highly valuable. 2) The incorporation of the Nursing and Physiotherapy Areas of the Spanish Society of Pneumology and Thoracic Surgery. Both groups of professionals constitute an important part of the managing team treating thoracic surgery patients. They will join us for the second time to discuss burning issues in their respective specialties. In the Fifth edition, we will incorporate a new initiative: the Meeting on Malignant Thymic Tumours that takes place annually at the Hospital de la Santa Creu i Sant Pau of Barcelona, but we think of interest to associate it to the Fifth Joint Meeting on Thoracic Surgery every three years.



Programme

Tuesday, 16th November 2021

19.00 - 20.00 h **Secretariat opens**

Wednesday, 17th November 2021

06.30 h **Secretariat opens**

07.00 - 07.35 h **Best posters**

Chairpersons: Jozsef Furak - José Belda

PATHOLOGICAL HIGH MALIGNANT GRADE IS OF HIGHER RISK OF RECURRENCE pN0M0 INVASIVE LUNG ADENOCARCINOMA EVEN WITH SMALL INVASIVE SIZE

Masaoki Ito; Yoshihiro Miyata; Atsushi Kagimoto; Daisuke Ueda; Yasuhiro Tsutani; Morihito Okada.

Department of Surgical Oncology, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan

WHAT TO DO WHEN THE PARATHYROID GLAND IS NOT FOUND DURING A TRANSCERVICAL EXPLORATION?

Georgina Planas; Juan Carlos Trujillo-Reyes; Mauro Guarino; Elisabeth Martínez-Téllez; Esther Cladellas; José Ignacio Pérez; Antonio Moral and José Belda.

Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

THE EFFECT OF PREOPERATIVE PULMONARY REHABILITATION ON THE DEVELOPMENT OF POSTOPERATIVE COMPLICATIONS AND HOSPITALIZATION TIME IN PATIENTS UNDERGOING LUNG RESECTION FOR LUNG CANCER: A RANDOMIZED CONTROLLED STUDY

Merve Ezgi Ünal; Tefvik İlker Akçam; Ayşe Gül Ergönül; Ali Özdil; Kutsal Turhan; Alpaslan Çakan; Ufuk Çağırıcı; Funda Elmas Uysal.

Ege University Faculty of Medicine, Department of Thoracic Surgery, Turkey

PULMONARY ARTERY STUMP BLEEDING AFTER A PNEUMONECTOMY. AN EFFECTIVE SURGICAL APPROACH

Eloísa Ruiz López; Francisco Cerezo Madueño; Francisco Javier González García; David Sebastian Poveda Chávez; Alba María Fernández González; Ángel Salvatierra Velázquez.

Thoracic Surgery and Lung Transplantation Unit, University Hospital Reina Sofía, Córdoba, Spain.

PULMONARY SARCOMAS: DIAGNOSTIC MOLECULAR PROFILE AND TREATMENT DESITIONS

Javier Kelly-Garcia*; Brenda B. Cano-Vargas*; Gisela Gasga-Contreras*; Héctor Santiago-Payan*; Leonardo A. Barba-Valadez*; Jorge A. López-Díaz*; Sergio A. Criales-Vera**;

** Onco Quality Care Mexico; ** CT Scanner del Sur Mexico*

PLEURAL LIPOMA: A CASE REPORT

Jessy Nellipudi; David Lance

Department of Cardiothoracic Surgery, Flinders Medical Centre. College of Medicine and Public Health, Flinders University. Adelaide, Australia

07.40 - 07.55 h **Opening ceremony**

WORLD LUNG CANCER DAY

08.00 - 09.25 h **VIDEOFORUM 1**

PARTICULARITIES OF THORACIC SURGERY IN CHILDREN

Chairpersons: Herbert Decaluwé - Laureano Molins

08.00 - 08.10 h **VATS in children**

Firas Abu Akar

08.10 - 08.20 h **VATS lobectomy in babies**

Henrik Hansen

08.20 - 08.30 h **Benign trachea-oesophageal fistula**

Konrad Hoetzenecker



Fifth International Joint Meeting on
THORACIC SURGERY

08.30 - 08.40 h **New Pectus Up: extrathoracic technique for pectus excavatum treatment**

Manuel López

08.40 - 08.50 h **Congenital lung malformations: from baby into adulthood**

Marco Schnater

08.50 - 09.00 h **Vacuum Bell therapy**

Frank-Martin Haecke

09.00 - 09.25 h **Discussion**

09.30 - 11.00 h **SESSION 1**

DEBATE: THE SEQUENCE OF TREATMENT FOR CLINICAL N2 NSCLC

Chairpersons: Paula Ugalde - Florentino Hernando-Trancho

09.30 - 09.45 h **Upfront surgery followed by adjuvant treatment**

Eric Lim

09.45 - 10.00 h **Induction therapy followed by resection**

Tom D'Amico

10.00 - 10.15 h **Critical appraisal**

Frank Detterbeck

10.15 - 11.00 h **Discussion**

11.00 - 11.25 h **Coffee break**

11.30 - 13.00 h **SESSION 2**

WHAT THE THORACIC SURGEON NEEDS TO KNOW IN THE ERA OF IMMUNOTHERAPY

Chairpersons: Alan Sihoe - Luis Cirera

- 11.30 - 11.40 h **Relative value of PD-L1 and tumour mutation burden (TMB) in the indication of immunotherapy**
Enriqueta Felip
- 11.40 - 11.50 h **Immunotherapy for stage IV NSCLC (oligo and polymetastatic)**
Noemí Reguart
- 11.50 - 12.00 h **Indications of immunotherapy for unresectable stage III (PACIFIC update)**
Margarita Majem
- 12.00 - 12.10 h **Induction and adjuvant immunotherapy in resectable NSCLC**
Fabrice Barlesi
- 12.10 - 12.20 h **Role of the thoracic surgeon in the era of immunotherapy**
Alan Sihoe
- 12.20 - 12.30 h **Update NADIM project**
Mariano Provencio
- 12.30 - 13.00 h **Discussion**
-
- 13.00 - 13.55 h **Lunch**
-
- 13.00 - 13.55 h **Sponsored lunch sessions**
- Auditorium **Lunch session 1**
See page 28
- Conference room 1 **Lunch session 2**
See page 28
- Conference room 2 **Lunch session 3: Interactive: learn to stage lung cancer with the TNM 8th edition**
Marcelo Sánchez



14.00 - 14.55 h **SESSION 3**

THYMIC MALIGNANCIES. THE GREAT FORGOTTEN TUMOURS

Chairpersons: Yoshihiro Miyata - Juan Carlos Trujillo

14.00 - 14.10 h **Thymic malignancies, the importance to define them correctly**
Williams D. Travis

14.10 - 14.20 h **How to define a complete resection in thymic malignancies.
Does it depend on the presence of MG?**
Frank Detterbeck

14.20 - 14.30 h **The growing role of radiation therapy for thymic malignancies**
Jady Rojas

14.30 - 14.40 h **Chemo & immunotherapy. New insights in thymic malignancies**
Ivana Sullivan

14.40 - 14.55 h **Discussion**

15.00 - 15.40 h **VIDEOFORUM 2**

**INNOVATIONS IN SURGICAL APPROACHES TO THE THYMUS
AND LUNG**

Chairpersons: Yoshihiro Miyata - Juan Carlos Trujillo

15.00 - 15.07 h **Transcervical-subxiphoid-VATS maximal thymectomy**
Marcin Zielinski

15.07 - 15.14 h **Bi-VATS maximal thymectomy**
Joshua R. Sonett

15.14 - 15.21 h **Subxiphoid thymectomy**
David Sánchez

15.21 - 15.28 h **Subxiphoid lobectomy and systematic nodal dissection in NSCLC**

Diego González Rivas

15.28 - 15.40 h **Discussion**

15.40 - 15.55 h **Coffee break**

16.00 - 17.10 h **SESSION 4**

INFLAMMATORY AND INFECTIOUS CHEST DISEASES

Chairpersons:

Kalliopi Athanassiadi - Mireia Serra

16.00 - 16.10 h **Chronic pleural empyema: what to do when the lung does not reexpand**

Souheil Boubia

16.10 - 16.20 h **Indications and surgical techniques for aspergilloma**

Mohammed Ridai

16.20 - 16.30 h **Management of haemoptysis complicating lung tuberculosis**

Tamas Molnar

16.30 - 16.40 h **VATS approach for hydatid disease of the lung**

Firas Abu Akar

16.40 - 16.50 h **Video-mediastinoscopic management of descending mediastinitis**

Vitalii Sokolov

16.50 - 17.10 h **Discussion**



Fifth International Joint Meeting on
THORACIC SURGERY

- 17.15 - 18.45 h **SESSION 5**
TRENDING TOPICS IN THORACIC ANAESTHESIA
Chairpersons: Mert Şentürk - Carlos Ferrando
- 17.15 - 17.25 h **Preoperative assessment and optimisation in thoracic surgery**
Marc Licker
- 17.25 - 17.35 h **Prehabilitation in thoracic surgery**
Ricard Navarro
- 17.35 - 17.45 h **Protective ventilation during one lung ventilation**
Mert Şentürk
- 17.45 - 17.55 h **Analgesia in thoracic anaesthesia beyond epidural**
Juan José Fibla
- 17.55 - 18.05 h **Postoperative pain management in thoracic surgery**
Ana Parera
- 18.05 - 18.15 h **Prevention of pulmonary postoperative complications**
Carlos Ferrando
- 18.15 - 18.25 h **Postoperative care in the ERAS context: Risk assessment ICU/
HDU/Ward?**
Tim Batchelor
- 18.25 - 18.45 h **Discussion**
-
- 19.00 h **Secretariat closes**
-

Thursday, 18th November 2021

06.30 h **Secretariat opens**

Parallel breakfast sessions (x 2)

Auditorium

07:00 - 07:55 **BREAKFAST SESSION 1**

THE DIAPHRAGM

Chairpersons: Kalliopi Athanassiadi - Rafael Aguiló

07:00 - 07:15 **Diaphragmatic trauma**

Jozsef Furak

07:15 - 07:30 **Transdiaphragmatic injuries**

Kalliopi Athanassiadi

07:30 - 07:40 **Diaphragmatic pacing**

Pedro López de Castro

07:40 - 07:55 **Discussion**

Conference room 1

07:00 - 07:55 **BREAKFAST SESSION 2**

OLIGOMETASTATIC NSCLC

Chairpersons: Paul Van Schil - Nuria Viñolas

07:00 - 07:15 **Defining oligometastatic non-small cell lung cancer**

Paul Van Schil

07:15 - 07:30 **Stereotactic radiotherapy for oligometastasis**

Arturo Navarro

07:30 - 07:40 **Surgical approach in patients with oligometastatic cN2 NSCLC**

Paul Van Schil



Fifth International Joint Meeting on
THORACIC SURGERY

07:40 - 07:55 **Discussion**

08:00 - 09:25 **VIDEOFORUM 3**

INVASIVE STAGING OF THE MEDIASTINUM: TIPS AND TRICKS

Chairpersons: Paul de Leyn - Elisabeth Martínez

08:00 - 08:08 **EBUS**

José Sanz Santos

08:08 - 08:20 **Cervical video-mediastinoscopy & extended cervical mediastinoscopy**

Sergi Call

08:20 - 08:28 **Mediastino-thoracoscopy & pericardioscopy**

Juan Carlos Trujillo

08:28 - 08:38 **Video-assisted mediastinoscopic lymphadenectomy (VAMLA)**

Martin Hürtgen

08:38 - 08:48 **Transcervical extended mediastinal lymphadenectomy (TEMLA)**

Marcin Zielinski

08:48 - 09:05 **Concluding lecture: Do the ESTS guidelines need to be updated?**

Paul de Leyn

09:00 - 09:25 **Discussion**

09:30 - 11:00 **SESSION 6**

DEBATE: STAS OR NOT STAS

Chairpersons: Philippe Joubert - José Ramírez

09:30 - 09:45 **STAS is a form of tumour dissemination**

William Travis

09:45 - 10:00 **STAS is an artifact**

Erik Thunnissen

10:00 - 10:15 **Critical appraisal**
Andrew Nicholson

10:15 - 10:30 **The relevance of STAS for the thoracic surgeon**
Paul Van Schil

10:30 - 11:00 **Discussion**

11.00 - 11.25 h **Coffee break**

11:30 - 12:25 **SESSION 7**
RELATIVE VALUE OF RATS AND VATS LUNG RESECTIONS
Chairpersons: Tom D'Amico - Roser Saumench

11:30 - 11:38 **RATS lobectomy**
Franca Melfi

11:38 - 11:46 **VATS lobectomy**
Herbert Decaluwé

11:46 - 11:54 **RATS segmentectomy**
Alper Toker

11:54 - 12:02 **VATS segmentectomy**
Sergio Bolufer

12:02 - 12:10 **Robotic subxiphoid operations: pros and cons**
Diego González Rivas

12:10 - 12:25 **Discussion**

12:30 - 13:00 **EXTRAORDINARY LECTURE 1**
Chairpersons: Ramón Rami-Porta - Laureano Molins - José Belda Sanchis

The relevance of humanities in medical studies
Michael Unger



13:00 - 13:55 **Lunch**

13:00 - 13:55 **Sponsored lunch sessions**

Lunch session 4

Auditorium See page 28

Conference room 2 **Lunch session 5**

See page 29

Conference room 1 **Lunch session 6: Lung cancer screening in Europe**

Harry de Koning

Conference room 3 **Lunch session 7: Training programme for international collaborators in the IASLC Staging Project**

Paula Ugalde

14:00 - 15:30 **VIDEOFORUM 4**

INTRAOPERATIVE NODAL ASSESSMENT

Chairpersons: Gail Darling - Santiago Figueroa

14:00 - 14:10 **Systematic nodal dissection for right-sided tumours by minimally invasive open surgery (MIOS)**

Kyohei Masai

14:10 - 14:20 **Systematic nodal dissection for left-sided tumours by minimally invasive open surgery (MIOS)**

Kyohei Masai

14:20 - 14:30 **Lobe-specific systematic nodal dissection**

Kenji Suzuki

14:30 - 14:40 **Right systematic nodal dissection by VATS**

Santiago Figueroa

14:40 - 14:50 **Left systematic nodal dissection by VATS**

Henrik J. Hansen

- 14:50 - 15:00 **Wrap-up lecture: ways to improve intraoperative nodal assessment**
Raymond Osarogiagbon
- 15:00 - 15:10 **Beyond intraoperative staging: how to improve pathologic examination of the resected specimen**
Philippe Joubert
- 15:10 - 15:30 **Discussion**
-
- 15:30 - 15:55 **Coffee break**
-
- 16:00 - 17:30 **SESSION 8**
PROGRESS TOWARDS THE 9TH EDITION TNM OF THORACIC MALIGNANCIES
Chairpersons: Hisao Asamura - Ramón Rami-Porta
- 16:00 - 16:10 **Lung cancer**
Paul Van Schil
- 16:10 - 16:20 **Mesothelioma**
Valerie Rusch
- 16:20 - 16:30 **Thymic malignancies**
Enrico Ruffini
- 16:30 - 16:40 **Oesophageal cancer**
Gail Darling
- 16:40 - 16:50 **Complexity of prognostic groups: methodology for the 9th edition**
Frank Detterbeck



Fifth International Joint Meeting on
THORACIC SURGERY

- 16:50 - 17:00 **Building up a dedicated team to contribute to the IASLC Staging Project, Quebec, Canada**
Paula Ugalde
- 17:00 - 17:10 **Building up a dedicated team to contribute to the IASLC Staging Project, Shenyang, People's Republic of China**
Chenlei Zhang
- 17:10 - 17:30 **Discussion**
-
- 17:35 - 18:45 **SESSION 9**
THE CONCEPT OF COMPLETE RESECTION IN LUNG CANCER SURGERY REVISITED
Chairpersons: Frank Detterbeck - Florentino Hernando-Trancho
- 17:35 - 17:45 **Background: The IASLC definitions**
Ramón Rami-Porta
- 17:45 - 17:55 **Validation of the IASLC definitions in a single-institution surgical series**
Matteo Gagliasso
- 17:55 - 18:05 **Validation of the IASLC definitions in the IASLC database**
John Edwards
- 18:05 - 18:15 **Validation of the IASLC definitions in a multicentre series**
Raymond Osarogiagbon
- 18:15 - 18:45 **Discussion**
-
- 19.00 h **Secretariat closes**

Friday, 19th November 2021

06.30 h **Secretariat opens**

Parallel breakfast sessions (x 2)

07:00 - 07:55 **BREAKFAST SESSION 3**

NSCLC: TREATMENT IN DIFFICULT SITUATIONS

Chairpersons: John Edwards - Alejandra Libreros

07:00 - 07:10 **Lobar vs sublobar resection for clinical stage I NSCLC in patients with interstitial lung disease**

Yasuhiro Tsutani

07:10 - 07:20 **Pulmonary resection in patients after pneumonectomy**

John Edwards

07:20 - 07:30 **SBRT as alternative**

Meritxell Mollá

07:30 - 07:55 **Discussion**

07:00 - 07:55 **BREAKFAST SESSION 4**

MALIGNANT PLEURAL MESOTHELIOMA

Chairpersons: Michael Dusmet - Esther Cladellas

07:00 - 07:10 **EURACAN/IASLC proposals for updating the histologic classification of pleural mesothelioma**

Andrew G. Nicholson

07:10 - 07:20 **Surgical staging**

Elisabeth Martínez

07:20 - 07:30 **Key issues in surgical management**

David Waller

07:30 - 07:55 **Discussion**



Fifth International Joint Meeting on THORACIC SURGERY

- 08:00 - 09:25 **VIDEOFORUM 5**
BEST SUBMITTED VIDEOS
Chairpersons: Masaaki Ito - Giuseppe Cardillo - José Belda Sanchis
- 08:00 - 08:07 **How to do it: open sleeve lobectomy associated to a pulmonary artery reconstruction**
Mauro Guarino; Georgina Planas Canavos; Juan Carlos Trujillo Reyes; Elisabeth Martínez Téllez; Esther Cladellas Gutiérrez; Eugenia Alejandra Libreros Niño; José Belda Sanchis. *Hospital de la Santa Creu i Sant Pau, Department of Thoracic Surgery, Barcelona, Spain*
- 08:07 - 08:10 **Discussion by appointed discussant**
Kenji Suzuki
- 08:10 - 08:17 **VATS S3 segmentectomy for underterminate lesion**
Lucía Milla Collado, María Rodríguez Pérez, Mercedes Álvarez Fernández, María Piñero Merino. *Clínica Universitaria de Navarra. Thoracic Surgery Department. Anaesthesia Department. Pamplona, Spain*
- 08:17 - 08:20 **Discussion by appointed discussant**
Haruhiko Kondo
- 08:20 - 08:27 **Technique of laser and y-shape prothesis in a patient with malignant airway obstruction**
Néstor Quiroga; Leandro Grando; Carlos Guerrero; David Sánchez; Pablo Paglialonga; Marc Boada; Rudith Guzman; Ángela Guirao; Laureano Molins. *Department of Thoracic Surgery, Institut Clinic Respiratori, Hospital Clínic, Barcelona, España*
- 08:27 - 08:30 **Discussion by appointed discussant**
Tom D'Amico
- 08:30 - 08:37 **Treatment of pectus excavatum with 3D custom-made implant**
Jalal Assouad, Denis Debrosse (*Paris*); Jean-Pierre Chavoin (*Toulouse, France*)
- 08:37 - 08:40 **Discussion by appointed discussant**
José Adrián Menéndez

- 08:40 - 08:47 **Thoracic damage control: how to teach and why?**
Tamas Molnar
Department of Thoracic Surgery, University Medical School of Pécs, Pécs, Hungary
- 08:47 - 08:50 **Discussion by appointed discussant**
José Belda Sanchis
- 08:50 - 09:00 **General discussion**
-
- 09:00 - 09:25 **EXTRAORDINARY LECTURE 2**
Chairpersons: Laureano Molins - Giuseppe Cardillo
- 09:00 - 09:15 **Segmentectomy: resection of choice for small lung cancers: JCOG0802/WJOG4607 study results**
Hisao Asamura
- 09:15 - 09:25 **General discussion**
-
- 09:30 - 11:00 **SESSION 10**
DEBATE: UNIPORTAL AND MULTIPORTAL VATS LUNG RESECTIONS
Chairpersons: Eric Lim - Raul Embún
- 09:30 - 09:45 **The value of uniportal VATS**
Henrik J. Hansen
- 09:45 - 10:00 **The value of multiportal VATS**
Diego González Rivas
- 10:00 - 10:15 **Critical appraisal**
David Waller
- 10:15 - 11:00 **Discussion**
-
- 11:00 - 11:25 **Coffee break**
-



- 11:30 - 13:00 **SESSION 11**
RELEVANT ASPECTS OF VATS RESECTION OF THORACIC TUMORS
Chairpersons: Herbert Decaluwé - Alberto Rodríguez
- 11:30 - 11:40 **Results of the VIOLET trial**
Eric Lim
- 11:40 - 11:50 **Radicality of lymphadenectomy: VATS vs thoracotomy**
Carme Obiols
- 11:50 - 12:00 **Nodal upstaging in early stage NSCLC**
Marc Boada
- 12:00 - 12:10 **90-day mortality: VATS vs thoracotomy**
Raúl Embún
- 12:10 - 12:20 **Training in uniportal VATS**
Alan Sihoe
- 12:20 - 12:30 **VATS thymectomy: current status**
Yoshihiro Miyata
- 12:30 - 11:40 **Roll for SPN localisation**
Andres Obeso
- 12:40 - 13:00 **Discussion**
-
- 13:00 - 13:55 **Lunch**
-
- 13:05 - 13:55 **Sponsored lunch sessions**
- Auditorium **Lunch session 8**
See page 29
- Conference room 1 **Lunch session 9**
See page 29

Conference room 2 **Lunch session 10: The PulMicc Trial**

Tom Treasure

14:00 - 15:30

VIDEOFORUM 6

HOW THE MASTERS DO IT

Chairpersons: Chenlei Zhang - Nina Reig

14:00 - 14:08

Sleeve lobectomy by VATS

Hong-Xu Liu

14:08 - 14:16

Anterior approach for superior sulcus tumours

Elie Fadel

14:16 - 14:24

Posterior approach for superior sulcus tumours

Valerie Rusch

14:24 - 14:32

Management of tracheo-oesophageal fistulas

Steven Cassivi

14:32 - 14:40

Tracheal resection and end-to-end anastomosis

Konrad Hoetzenecker

14:40 - 14:48

Pleurectomy-decortication

David Waller

14:48 - 15:06

Pleuro-pneumonectomy

Valerie Rusch

15:06 - 15:14

Robotic procedures other than lobectomy & thymectomy

Franca Melfi

15:14 - 15:30

Discussion

15:30 - 15:55

Coffee break



16:00 - 17:20

SESSION 12

MISCELLANEOUS TOPICS IN THORACIC SURGERY

Chairpersons: Joshua R. Sonett - Rudith Guzmán

16:00 - 16:08

Lymphadenectomy during resection of pulmonary metastases from sarcoma

Elisabeth Martínez

16:08 - 16:16

Lymphadenectomy during resection of pulmonary metastases from colo-rectal cancer

Jorge Hernández

16:16 - 16:24

Results from the Spanish Group of Pleural Lavage

José Luis Recuero

16:24 - 16:32

Surgery for small cell lung cancer: indications and results

Michael Dusmet

16:32 - 16:40

Breathomics in lung cancer: dogs & e-nose

Angela Guirao

16:40 - 16:48

3D costume-made implants for pectus excavatum

Laureano Molins

16:48 - 16:56

Minimal invasive oesophagectomy

Joshua R. Sonett

16:56 - 17:20

Discussion

17:25 - 18:30

SESSION 13

MYOPLASTIES IN THORACIC SURGERY

Chairpersons: Jozsef Furak - Laureano Molins

17:25 - 17:35

Indications of myoplasties

Steven Cassivi

17:35 - 17:45

The pectoralis major & serratus anterior flap

Steven Cassivi

17:45 - 17:55 **The latissimus dorsi & rectus flap**
László Agocs

17:55 - 18:05 **Free flaps**
Manuel Fernández

18:05 - 18:15 **The additional advantage of the omentum**
Cristian Paleru

18:15 - 18:30 **Discussion**

18:35 - 18:45 **Closing remarks**
Laureano Molins, Ramón Rami-Porta, José Belda Sanchis, Sergi Call,
Juan Carlos Trujillo, Juan José Fibla and Coordinators of Scientific Areas
of SEPAR and President of SECT

19:00 **Secretariat closes**



Sponsored lunch sessions

Sponsored lunch sessions, 17th November

13:00 - 13:55 h **Lunch session 1**

Sponsored by MEDTRONIC

Main Auditorium

Chairpersons: Nicolás Moreno. *Madrid, Spain*

Advance VATS resections

Henrik Hansen. *Denmark*

The quiet surgeon. How technological advances can help us to success

Miguel Congregado. *Seville, Spain*

Questions & Answers Session

**Lunch session 2: New frontiers in robotic thoracic surgery:
enhanced recovery after lung resection**

Sponsored by ABEX

Conference room 1

Moderator: Laura Romero Vielva. *Hospital Universitari Vall d'Hebron*

Speaker: María Rodríguez Pérez. *Clínica Universitaria de Navarra, Madrid*

Sponsored lunch sessions, 18th November

13:00 - 13:55 **Lunch session 4**

Sponsored by Bard | Becton Dickinson

Auditorium

ERAS in thoracic surgery: preventing post-operative complications

Tim Batchelor. *United Kingdom*

**Post-operative air leak management - A surgeons experience &
insights into an EU consensus**

Henrik Hansen. *Denmark*

Lunch session 5

Sponsored by VENTURA

Conference room 1

13:00 - 13:20 **Presentation of the new Pectus Up model**

13:20 - 13:35 **Demonstration of use by the speaker**

13:35 - 13:50 **Practice of the participants**

13:50 - 13:55 **Questions**

Sponsored lunch sessions, 19th November

13:00 - 13:55

Lunch session 8

Sponsored by JOHNSON & JOHNSON

Auditorium

3D planning in anatomical lung resection

What do we mean by 3D planning and why should we talk about it?

Santiago Figueroa. Hospital Clínico de Valencia, Valencia, Spain

What's the added value of 3D planning to pulmonary surgery?

Juan Carlos Trujillo-Reyes. Hospital de la Santa Creu i Sant Pau. Barcelona, Spain

Clinical case 1

Santiago Figueroa

Clinical case 2

Juan Carlos Trujillo-Reyes

Future perspectives

Santiago Figueroa

Discussion

Santiago Figueroa y Juan Carlos Trujillo-Reyes

Lunch session 9

Sponsored by ANATOMIK MODELING

Conference room 1

3D implants to treat Pectus Excavatum

Jean Pierre Chavoïn



QR code for chat access

Please download this QR code in order to ask questions to speakers at the end of each session



Scientific Information

Instructions for speakers and chairpersons

The length of the video presentations, lectures and discussions is changeable and depends on the session.

Breakfast sessions: this type of session consists of two or three short lectures of related topics followed by a 15-25-minute discussion.

Lunch seminars and sponsored lunch sessions: the lunch seminars and sponsored lunch sessions consist of an up-to-date and concise review or other types of presentation regarding different topics in general thoracic surgery.

Video forum: 8-10 minute videos presentation. These videotapes should emphasize the most important steps and technical details of the surgical procedure, and their content must have a high educational value. Whenever possible, videos of related topics are grouped in the same session. Discussion will take place at the end of the session.

Lectures: Lectures will have a maximum duration of 10 minutes. Their contents must be precise and related to the title of the lecture. Whenever possible, lectures are grouped in sessions covering related topics. Speakers are kindly asked to avoid overlapping with other lectures of the same session. Discussion will take place at the end of the session.

Poster presentation: Abstracts of proffered papers will be considered for electronic poster display, only. Selected abstracts will be divided into three categories: a) general thoracic surgery; b) lung cancer staging and mediastinal lymph node dissection; and c) general topics on thoracic oncology. The presenters of the best 6 posters will have the opportunity to summarize their content in two minutes that will be followed by a 3-minute discussion. Prospective presenters are kindly asked to prepare their posters in English. There will not be any physical posters in this Joint Meeting. The presenters will be asked to submit their posters in a single Power Point slide. In the venue of the Joint Meeting, computers will be available to see the posters.

[Poster and videos instructions]

Video presentation: A videoforum session will be reserved for proffered videos. Those willing to present a video will have to submit a 250-word abstract in English similar to the abstracts for posters (see instructions above), but with the following structure: a) introduction; b) indication of the technique; c) description of the technique; d) conclusion. To avoid any technical problems, we recommend using the Mpeg format. Videos should



Fifth International Joint Meeting on THORACIC SURGERY

not exceed 300MB and 7 minutes of viewing time. From all submitted videos, the Scientific Committee will choose eight for public presentation in a videoforum session, followed by their discussion by and appointed discussant . The other videos, as well as the selected ones, will be available at the computer room especially set for poster and video watching.

[Poster and videos instructions]

Speakers: Speakers are kindly requested to prepare their presentations according to the above instructions. The organizers of the Joint Meeting recommend the speakers to strictly limit their presentations to the allotted time. This is fundamental to keep good timing in this busy meeting and allow for enough discussion. There will be no simultaneous translation into Spanish. The speakers are kindly asked to prepare their slide presentations in English.

Chairpersons: Chairpersons are responsible for the timing and fluidity of the sessions. They should introduce the speakers as briefly as possible, and time their presentations according to the allotted time. They should alert the speakers when their time has been consumed. The Chairpersons are expected to enliven discussions and keep their right timing.

List of accepted posters and videos

Best Posters

1 PATHOLOGICAL HIGH MALIGNANT GRADE IS A HIGHER RISK OF RECURRENCE pNOMO INVASIVE LUNG ADENOCARCINOMA EVEN WITH SMALL INVASIVE SIZE

Masaaki Ito; Yoshihiro Miyata; Atsushi Kagimoto; Daisuke Ueda; Yasuhiro Tsutani; Morihito Okada

Department of Surgical Oncology, Research Institute for Radiation Biology and Medicine, Hiroshima University, Hiroshima, Japan

2 WHAT TO DO WHEN THE PARATHYROID GLAND IS NOT FOUND DURING A TRANSCERVICAL EXPLORATION?

Georgina Planas, Juan Carlos Trujillo-Reyes, Mauro Guarino, Elisabeth Martínez-Téllez, Esther Cladellas, Jose Ignacio Pérez, Antonio Moral and José Belda

Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

3 THE EFFECT OF PREOPERATIVE PULMONARY REHABILITATION ON THE DEVELOPMENT OF POSTOPERATIVE COMPLICATIONS AND HOSPITALIZATION TIME IN PATIENTS UNDERGOING LUNG RESECTION FOR LUNG CANCER: A RANDOMIZED CONTROLLED STUDY.

Merve Ezgi Ünal; Tevfik İlker Akçam; Ayşe Gül Ergönül; Ali Özdil; Kutsal Turhan; Alpaslan Çakan; Ufuk Çağırıcı; Funda Elmas Uysal.

Ege University Faculty of Medicine, Department of Thoracic Surgery; Ege University Faculty of Medicine, Department of Thoracic Medicine. Izmir, Turkey

4 PULMONARY ARTERY STUMP BLEEDING AFTER A PNEUMONECTOMY. AN EFFECTIVE SURGICAL APPROACH

Eloísa Ruiz López; Francisco Cerezo Madueño; Francisco Javier González Garcia; David Sebastian Poveda Chávez; Alba María Fernández González; Ángel Salvatierra Velázquez.

Thoracic Surgery and Lung Transplantation Unit, University Hospital Reina Sofía, Córdoba, Spain.

5 PULMONARY SARCOMAS: DIAGNOSTIC MOLECULAR PROFILE AND TREATMENT DECISIONS.

Javier Kelly-García*, Brenda B. Cano-Vargas*, Gisela Gasga-Contreras*, Hector Santiago-Payan*, Leonardo A. Barba-Valadez*. Jorge A. Lopez-Diaz*, Sergio A. Criales-Vera**.

** Onco Quality Care Mexico, Ciudad de México, México. ** CT Scanner del Sur Mexico, Ciudad de México, México*

6 PLEURAL LIPOMA: A CASE REPORT

Jessy Nellipudi MBBS MS, David Lance MD, FRACS

Department of Cardiothoracic Surgery, Flinders Medical Centre. College of Medicine and Public Health, Flinders University, Adelaide, Australia



Poster-display without discussion

- 7 CONSTRICTIVE PERICARDITIS AS FIRST PRESENTATION OF METASTATIC MELANOMA**
Marco Cosci (1, presenter); Anna Merlo (2); Giovanni Barbati (3); Francesca Simionato (4); Ilaria Posenato (5); Daniela Rghellin (5); Marcella Greco (6); Francesco De Marchi (1)
1. Chirurgia Generale Toracica, Ospedale S. Bortolo, Vicenza; 2. Anestesia, Ospedale S. Bortolo, Vicenza; 3. Cardiologia, Ospedale S. Bortolo, Vicenza; 4. Oncologia, Ospedale S. Bortolo, Vicenza; 5. Anatomia Patologica, Ospedale S. Bortolo, Vicenza; 6. Medicina Nucleare, Ospedale S. Bortolo, Vicenza, Italy
- 8 MANAGEMENT OF A BULKY MEDIASTINAL MASS IN THE POSTPARTUM: A CASE REPORT**
Marco Cosci (1, presenter); Silvia De Rosa (2); Paolo Gasparinetti (2); Maria Carmela Carè (3); Barbara Famengo (4); Silvia Scarparo (5); Maria Chiara Tisi (6); Francesco De Marchi (1)
1. Chirurgia Generale Toracica, Ospedale S. Bortolo, Vicenza; 2. Anestesia, Ospedale S. Bortolo, Vicenza; 3. Radiologia, Ospedale S. Bortolo, Vicenza; 4. Anatomia Patologica, Ospedale S. Bortolo, Vicenza; 5. Pneumologia, Ospedale S. Bortolo, Vicenza; 6. Ematologia, Ospedale S. Bortolo, Vicenza, Italy
- 9 SEQUENTIAL WHOLE LUNG LAVAGE IN A PATIENT WITH DYSPNOEA AND IMPAIRED LUNG FUNCTION.**
Jessy Nellipudi MBBS, David Lance M.D., FRACS
Department of Cardiothoracic Surgery, Flinders Medical Centre, Adelaide, Australia
- 10 RECONSTRUCTION OF ANTERIOR CHEST WALL WITH STRATOS™ SYSTEM COMBINED WITH A PEDICLED WIDE DORSAL FLAP, IN A PATIENT WITH OLD STERNAL RESECTION AND A DIAPHRAGMATIC HERNIA SECONDARY TO AN OMENTAL FLAP.**
Marcelo Parra^{1,3}; C. Soto²; H. López^{1,3}; And S. Ramolfo^{1,3}.
1. Thoracic Surgery Unit, Hospital de Urgencia Asistencia Pública Dr. Alejandro del Río, Santiago/CHILE, 2. Plastic Surgery and Burn Unit, Hospital de Urgencia Asistencia Pública Dr. Alejandro del Río, Santiago/CHILE, 3. Universidad Finis Terrae School of Medicine, Santiago, Chile
- 11 LUNG RESECTION WITH PULMONARY ARTERY RECONSTRUCTION WITH BOVINE PERICARDIAL PATCH**
Mauro Guarino; Georgina Planas Cánovas; Juan Carlos Trujillo Reyes; Elisabeth Martínez Téllez; Esther Cladellas Gutiérrez; Eugenia Alejandra Libreros Niño; Jose Belda Sanchis
Hospital de la Santa Creu i Sant Pau, Department of Thoracic Surgery, Barcelona, Spain
- 12 PROGNOSTIC VALUE OF PREOPERATIVE NEUTROPHIL-LYMPHOCYTE RATIO AND PLATELET-LYMPHOCYTE RATIO AFTER COMPLETE RESECTION OF PULMONARY CARCINOID TUMORS**
Nicola Tamburini, Francesco Bagolini, Pio Maniscalco, Anna Irone, Francesco Quarantotto, Chiara Zatelli, Maria Rosaria Ambrosio, Mirco Bartolomei, Antonio Stefanelli, Benedetta Urbini, Giorgio Cavallesco
Department of Surgery, Section of Chirurgia 1, Sant'Anna Hospital, Department of Medical Sciences, Section of Endocrinology and Internal Medicine, University of Ferrara, Ferrara, Italy, Department of Nuclear Medicine Sant'Anna Hospital, Department of Radiation Oncology Sant'Anna Hospital, Department of Medical Oncology Sant'Anna Hospital, Catanzaro, Italy

13 BRONCHIAL RUPTURE SECONDARILY TO AN ENTERAL FEEDING TUBE MISPLACEMENT IN A COVID19 PATIENT.

Marcelo Parra; Patricio Olivares; Humberto López; Stefano Ramolfo.
Thoracic Surgery Unit, Hospital de Urgencia Asistencia Pública Dr. Alejandro del Río, Santiago/
CHILE, Universidad Finis Terrae School of Medicine, Santiago, Chile

14 ANATOMICAL LUNG SEGMENTECTOMY, THE NEW WAY IN LUNG CANCER SURGERY? A DESCRIPTION OF OUR EXPERIENCE

Libreros Niño Alejandra, Trujillo Reyes Juan Carlos, Planas Cánovas Georgina, Guarino Mauro, Cladellas Gutierrez Esther, Martínez Téllez Elisabeth, Belda Sanchis Josep
Department of Thoracic Surgery, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Best Videos

15 HOW TO DO IT: OPEN SLEEVE LOBECTOMY ASSOCIATED TO A PULMONARY ARTERY RECONSTRUCTION

Mauro Guarino; Georgina Planas Canavos; Juan Carlos Trujillo Reyes; Elisabeth Martínez Téllez; Esther Cladellas Gutiérrez; Eugenia Alejandra Libreros Niño; Jose Belda Sanchis
Hospital de la Santa Creu i Sant Pau, Department of Thoracic Surgery, Barcelona, Spain

16 VATS S3 SEGMENTECTOMY FOR UNDERTERMINATE LESION

Lucía Milla Collado, María Rodríguez Pérez, Mercedes Álvarez Fernández, María Piñero Merino
Clínica Universitaria de Navarra. Thoracic Surgery Department. Anaesthesia Department, Pamplona, Spain

17 TECHNIQUE OF LASER AND Y-SHAPE PROTHESIS IN A PATIENT WITH MALIGNANT AIRWAY OBSTRUCTION

Quiroga, Nestor; Grando, Leandro; Guerrero, Carlos; Sanchez, David; Paglialunga, Pablo; Boada, Marc; Guzman, Rudith; Guirao, Angela; Molins, Laureano. Department of Thoracic Surgery, Institut Clínic Respiratori, Hospital Clínic, Barcelona, España

18 TREATMENT OF PECTUS EXCAVATUM WITH 3D CUSTOM-MADE IMPLANT

Jalal Assouad, Denis Debrosse (Paris, France); Jean-Pierre Chavoïn (Toulouse, France)

19 THORACIC DAMAGE CONTROL: HOW TO TEACH AND WHY?

Tamas Molnar. Department of Thoracic Surgery, University Medical School of Pécs, Pécs, Hungary



Speakers and Chairpersons

Firas ABU AKAR, Director of Thoracic Surgery Unit at Al-Makassed Hospital. Clinical Lecturer at School of Medicine at Al-Quds University, Jerusalem, Israel and Palestine

Laszlo AGOÇ, Thoracic Surgery Service, National Institute of Oncology, Budapest, Hungary

Rafael AGUILÓ, Thoracic Surgery Service, Hospital del Mar, Barcelona, Spain

Hisao ASAMURA, Division of Thoracic Surgery, Keio University School of Medicine, Tokyo, Japan

Kalliopi ATHANASSIADI, Department of Thoracic and Vascular Surgery, Evangelismos General Hospital, Athens, Greece

Fabrice BARLESI, Aix Marseille University and Assistance Publique Hopitaux De Marseille, Marseille, France

Tim BATCHELOR, Department of Thoracic Surgery, Bristol Royal Infirmary, Bristol, United Kingdom

Jose BELDA, Thoracic Surgery Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Marc BOADA, Thoracic Surgery Service, Hospital Clínic, Barcelona, Spain

Sergio BOLUFER, Thoracic Surgery Service, Hospital General Universitario de Alicante, Alicante, Spain

Souheil BOUBIA, Thoracic Surgery Service, Centre Hospitalier Ibn Rochd, Casablanca, Morocco

Sergi CALL, Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Giuseppe CARDILLO, Department of Thoracic Surgery, Azienda Ospedaliera S.Camillo Forlanini, Rome, Italy

Steven CASSIVI, Thoracic Surgery Service, Mayo Clinic, Rochester, MN, USA

Luis CIRERA, Oncology and Hematology Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Esther CLADELLAS, Thoracic Surgery Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Tom D'AMICO, Department of Surgery, Thoracic Oncology Program, Duke Cancer Institute, Durham, NC, USA

Gail DARLING, Thoracic Surgery Service, Department of Surgery, Toronto General Hospital, Toronto, ON, Canada

Harry DE KONING, Dept. Of Public Health, Erasmus MC University Medical Center Rotterdam, The Netherlands

Paul DE LEYN, Department of Thoracic Surgery, University Hospitals Leuven, Leuven, Belgium

Herbert DECALUWÉ, Department of Thoracic Surgery, University Hospitals Leuven, Belgium

Frank DETTERBECK, Department of Thoracic Surgery, Yale University, New Haven, CT, USA

Michel DUSMET, Thoracic Surgery Department, Royal Brompton Hospital, London, United Kingdom

John EDWARDS, Department of Thoracic Surgery, Northern General Hospital, Sheffield, UK

Raul EMBÚN, Thoracic Surgery Service, Hospital Universitario Miguel Servet, Zaragoza Spain

Elie FADEL, Hôpital Marie Lannelongue, Paris, France

Enriqueta FELIP, Medical Oncology Service, Hospital Universitari Vall d'Hebrón, Barcelona, Spain

Manuel FERNÁNDEZ, Department of Plastic and Reconstructive Surgery. Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Carlos FERRANDO, Dept. Anesthesiology, Hospital Clínic, Barcelona, Spain

Juan J. FIBLA, Thoracic Surgery Service, Hospital Universitari Sagrat Cor, Barcelona, Spain

Santi FIGUEROA, Thoracic Surgery Service, Hospital Clínico Universitario de Valencia, Valencia Spain

Josef FURAK, Department of Surgery, University of Szeged, Szeged, Hungary

Matteo GAGLIASSO, Thoracic Surgery Service, San Luigi Hospital, Orbassano, Italy

Diego GONZÁLEZ RIVAS, Coruña University Hospital, UCTMI and Shanghai Pulmonary Hospital, Coruña, Spain

Ángela GUIRAO, Thoracic Surgery Service, Hospital Clínic, Barcelona, Spain

Rudith GUZMAN, Thoracic Surgery Service, Hospital Clínic, Barcelona, Spain

Frank-Martin HAECKE, Pediatric Surgery, University Children's Hospital, Basel, Switzerland

Jorge HERNANDEZ, Thoracic Surgery Service, Sagrat Cor University Hospital, Barcelona, Spain

Florentino HERNANDO, Thoracic Surgery Service, Hospital Clínico Universitario San Carlos, Madrid, Spain

Konrad HOETZENECKER, Department of Thoracic Surgery, Medical University of Vienna, Vienna, Austria

Martin HÜRTGEN, Thoraxchirurgie, Katholisches Klinikum, Koblenz, Germany

Masaoki ITO, Department of Surgical Oncology, Hiroshima University Hospital Research Institute for Radiation Biology and Medicine, Hiroshima, Japan

Henrik J. HANSEN, Department of Cardiothoracic Surgery RT, Rigshospitalet, Copenhagen, Denmark

Philippe JOUBERT, Service de Pathologie, Institut Universitaire de Cardiologie et de Pneumologie de Québec (IUCPQ), Québec, Québec, Canada

Haruhiko KONDO, Thoracic Surgery Service, Kyorin University, School of Medicine, Tokyo, Japan

Alejandra LIBREROS, Thoracic Surgery Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Marc LICKER, Department of Anaesthesiology, Geneva University Hospital, Geneva, Switzerland

Eric LIM, Department of Thoracic Surgery, Royal Brompton Hospital, London, UK

Hong-Xu LIU, Department of Thoracic Surgery, Liaoning Cancer Hospital and Institute, Shenyang, Liaoning Province, People's Republic of China

Manuel LÓPEZ, Department of Pediatric Surgery, Hospital Universitari Vall d'Hebrón, Barcelona, Spain

Pedro LÓPEZ DE CASTRO, Thoracic Surgery Service, Hospital Universitari Germans Trias i Pujol, Badalona, Spain

Margarita MAJEM, Medical Oncology Department, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Elisabeth MARTÍNEZ, Thoracic Surgery Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Kyohei MASAI, Division of Thoracic Surgery, Keio University School of Medicine, Tokyo, Japan



Fifth International Joint Meeting on THORACIC SURGERY

Franca MELFI, Department of Cardio-Thoracic Surgery, University of Pisa, Pisa, Italy

José Adrián MENÉNDEZ, Thoracic Surgery Service, Hospital General de Agudos José María Penna, Ciudad Autónoma de Buenos Aires, Buenos Aires, Argentina

Yoshihiro MIYATA, Thoracic Surgery Service, Hiroshima University, Hiroshima, Japan

Laureano MOLINS, Thoracic Surgery Service, Hospital Clínic & Sagrat Cor, Barcelona, Spain

Meritxell MOLLÁ, Radiotherapy Oncology Service, Hospital Clínic, Barcelona, Spain

Tamás MOLNÁR, Department of Thoracic Surgery, University Medical School of Pécs, Pécs, Hungary

Nicolás MORENO, Thoracic Surgery Service, Hospital Ramon y Cajal, Madrid, Spain

Arturo NAVARRO, Department of Radiation Oncology, Institut Català d'Oncologia, Hospital Duran i Reynals, L'Hospitalet de Llobregat, Spain

Ricard NAVARRO, Anesthesiology Dept., Hospital Clínic, Barcelona, Spain

Andrew NICHOLSON, Department of Histopathology, Royal Brompton Hospital, London, United Kingdom

Andrés OBESO, Thoracic Surgery Service, Santiago de Compostela University Clinical Hospital, Santiago de Compostela, Spain

Carme OBIOLS, Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Raymond OSAROGIAGBON, Thoracic Oncology Program, Baptist Cancer Center, Memphis, TN, USA

Cristian PALERU, Thoracic Surgery Department, National Institute of Pneumology, Bucharest, Romania

Ana PARERA, Anesthesiology Department, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Mariano PROVENCIO, Medical Oncology Department, Hospital Universitario Puerta de Hierro Majadahonda, Madrid, Spain

Ramón RAMI-PORTA, Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Josep RAMÍREZ, Department of Pathology, Hospital Clínic, Barcelona, Spain

José Luís RECUERO, Thoracic Surgery Service, Hospital Universitario Miguel Servet, Zaragoza, Spain

Noemí REGUART, Medical Oncology Service, Hospital Clínic, Barcelona, Spain

Nina REIG, Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Mohammed RIDAI, Thoracic Surgery Service, Centre Hospitalier Ibn Rochd, Casablanca, Morocco

Alberto RODRÍGUEZ, Thoracic Surgery Service, Hospital del Mar, Barcelona, Spain

Jady ROJAS CORDERO, Department of Radiation Oncology, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Enrico RUFFINI, Department of Thoracic Surgery, University of Torino, Italy

Valerie W. RUSCH, Department of Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY, USA

David SÁNCHEZ, Thoracic Surgery Service, Hospital Clínic, Barcelona, Spain

Marcelo SÁNCHEZ, Radiodiagnostic Department, Hospital Clínic, Barcelona, Spain

José SANZ, Pulmonology Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Roser SAUMENCH, Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Marco SCHNATER, Pediatric & General Thoracic Surgeon, Assistant professor in Pediatric Surgery, Director of the Pediatric Chest Center, Sophia Children's Hospital, Rotterdam, Netherlands

Mert SENTÜRK, Department of Anesthesiology, Istanbul University, Istanbul, Turkey

Mireia SERRA, Thoracic Surgery Service, Hospital Universitari MútuaTerrassa, Terrassa, Barcelona, Spain

Alan SIHOE, Thoracic Surgery Service, Gleneagles Hong Kong Hospital International Medical Centre, Hong Kong OT&P Healthcare, Hong Kong, Hong Kong S.A.R, People's Republic of China

Vitalii SOKOLOV, Thoracic Surgery Service, Kiev Clinical Hospital #17, Kiev, Ukraine

Joshua SONETT, Thoracic Surgery Service, Columbia University, New York, NY, United States of America

Ivana SULLIVAN, Medical Oncology Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Kenji SUZUKI, Department of General Thoracic Surgery, Juntendo University School of Medicine, Tokyo, Japan

Erik THUNNISSEN, Department of Pathology, Amsterdam University Medical Center, Vrije Universiteit, Amsterdam, The Netherlands

Alper TOKER, West Virginia University, Heart and Vascular Institute, Morgantown, United States of America

William D. TRAVIS, Department of Pathology, Memorial Sloan-Kettering Cancer Center, New York, NY, United States of America

Tom TREASURE, Clinical Operational Research Unit, UCL, London, United Kingdom

Juan Carlos TRUJILLO, Thoracic Surgery Service, Hospital de la Santa Creu i Sant Pau, Barcelona, Spain

Yasuhiro TSUTANI, Thoracic Surgery Service, Hiroshima University, Hiroshima, Japan

Paula UGALDE, Division of Thoracic and Cardiac Surgery, Brigham and Women's Hospital, Harvard University, Boston, MA, United States of America

Michael UNGER, Pulmonary and Critical Care Division, Thomas Jefferson University, Philadelphia, USA

Paul VAN SCHIL, Department of Thoracic and Vascular Surgery, Antwerp University Hospital, Antwerp, Belgium

Nuria VIÑOLAS, Medical Oncology Service, Hospital Clinic, Barcelona, Spain

David WALLER, Thoracic Surgery Service, St. Bartholomew's Hospital, London, UK

Chenlei ZHANG, Liaoning Cancer Hospital & Institute, Cancer Hospital of China Medical University, Shenyang, People's Republic of China

Marcin ZIELINSKI, Department of Thoracic Surgery, Pulmonary Hospital, Zakopane, Poland



Registration

Registration fees	Till 30th September 2021	From 1st October to 31st October 2021	From 1st November 2021 and on-site registrations	Virtual Registration*
Residents in thoracic surgery	400.00 €	450.00 €	500.00 €	350.00 €
Certified thoracic surgeons and other specialties	600.00 €	650.00 €	700.00 €	490.00 €
Nursing Graduate	200.00 €	250.00 €	300.00 €	210.00 €
One day Registration IJMTS	250.00 €	250.00 €	250.00 €	175.00 €
Two days Registration IJMTS	500.00 €	500.00 €	500.00 €	350.00 €
One day (Friday) Registration Nursing Graduate	100.00 €	100.00 €	100.00 €	70.00 €

Application for CME credits is in progress

Registration fee includes

- Admission to all sessions, poster and video presentation
- Access to all content available on demand after the Congress for two months
- Admission to exhibition area
- Meeting documentation and programme
- Coffee breaks and lunches
- Certificate of attendance

Registration documentation will be handed-out to the participants from the Meeting Secretariat. Registration forms will be processed only when received before 31st October, 2021. After this date registration forms will be processed as on-site registrations.

Virtual Registration *

Access to all virtual sessions during the Congress

Access to all content available on demand after the Congress for two months

On-line registration

On-line registration is possible through the web site Online payment is only possible by credit card. This service will let you register and pay through the Internet with an officially secured system SSL and receive your confirmation letter on-line.

Registration info

Registration form is also available on this web site ready to be printed. Please send it by fax or post together with the corresponding payment to the Secretariat before 1st November, 2021. Late registration will be possible on-site. Registration forms received without the complete contact address or without payment will not be accepted. The fees should be paid in Euros by credit card or bank transfer or by bank cheque in Euros payable through a Spanish bank and made out to ACTO-SERVEIS THORACIC SURGERY. A confirmation letter will be sent by email. Participants must bring this letter to the registration desk as proof of their registration.

Cancellation policy

Any cancellation must be notified in writing and will be subjected to the following conditions: refund of fees, less a 25% administrative charge, will be applied to cancellations received up to 31st October, 2021. As of 1st November, 2021, no refund can be made.

Payment of Registration Fees

Registrations can only be validated and confirmed when accompanied by payment. Early rates only apply when registration and payment are received before 30th September. When registrations and payments are received after 30th September 2021, then the corresponding late fees will automatically apply. Payment in EURO (€) should be made in advance by one of the following means:

Registration fees may be paid by credit card (ON-LINE REGISTRATION)



Accommodation

Hotel Reservation

Hotel accommodation (within walking distance) in various price categories and with special rates has been reserved.

All bookings will be managed directly with the hotel by the email:

- **Hotel Colon:** info@hotelcolon.es
- **Hotel Hcc Montblanc:** montblanc@hcchotels.com

Congress Code for special rates: ACTO SERVEIS – THORACIC MEETING

Deadline for guaranteed hotel reservations and special rates: 30th September 2021. After this date, the hotel can update availability and rates.

Rates

HOTELS	Double room for single use	Double room
Hotel Colon **** Av/ Catedral, 7. 08002 Barcelona	130.00€	150,00€
Hotel HCC Montblanc *** Via Laietana, 61, 08003 Barcelona	121,00€	132,00€

Breakfast and VAT included. Prices are per room and nights.

Lower Cost Accommodation

Younger visitors and those looking for alternative forms of accommodation will find youth hostels, halls of residence, some of them open all year round. In short, accommodation for all tastes and at prices to suit every pocket.

Below you will find a list of the students' hall of residence. For more information about the city's hotels please check the website [www.barcelonaturisme.com] (where to sleep).

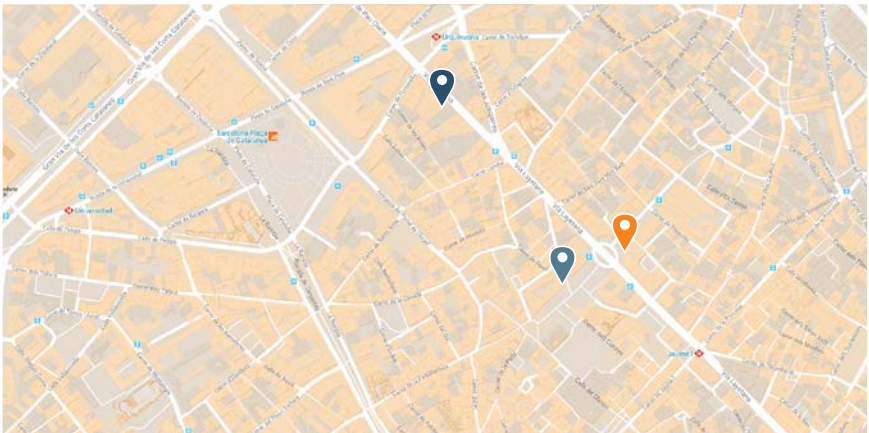
Contact them directly to consult prices for short stays and make the reservation.

Hotel Situation

Hotel Colon ****
Av/ Catedral, 7. 08002 Barcelona



Hotel HCC Montblanc ***
Via Laietana, 61, 08003 Barcelona





Venue



How to get from Barcelona airport to the Meeting venue

Barcelona International Airport (airport code BCN) is located 12 km southwest of the city.

By taxi: TAXIS are available at an approximate cost of 50 € including the required supplements for leaving the airport and carrying luggage. They are yellow and black, and, when free, show a clearly visible green light on the roof of the vehicle.

By bus: AEROBUS: This special service is clearly signposted at the stops outside the terminal and it takes you to different parts of the city, the Plaza Catalunya stop is the closest to the Meeting Venue, 10 minutes walk approximately.

The AEROBÚS service operates 365 days a year, always with the same schedule (including Sundays and Holidays). Departures from airport, from 05:35 to 01:00; departures from Plaza de Catalunya, from 05:00 to 00:15. Buses run every 5 to 10 minutes, depending on the time of day.

For further information regarding timetables and fares, we recommend you visit the website: www.aerobusbcn.com.

Price: 5.90 € (Rates 2018)

By train: The station is located to the West of the terminal. Trains go to “Sants” Station and run approximately every 30 minutes to and from Barcelona airport to the city centre. Length of journey: 17 minutes to Barcelona Sants station. Fare: 3.50 €. Further information: www.renfe.es. From here you can take:

Metro: Take the green line metro (line 3) from “Sants Estació” to “Plaça Catalunya” Station (two stops). The rate for a single ticket is 2.20 €. Further information: www.tmb.net.

Bus: Take bus number 43 and 17 which have stops in “Via Laietana”. Buses run every 10-15 minutes. The rate for a single ticket is 2.20 €. Further information: www.tmb.net.

Coffee service

Coffee, soft drinks and snacks will be available at all times at the Exhibition Hall.

Official language

English will be the official language of the Joint Meeting. There will be no simultaneous translation into Spanish.

Organizing Secretariat

ACTOServeis

TecnoCampus Mataró-Maresme | Edifici TCM2 | P2.03
Av. Ernest Lluch, 32 | 08302 Mataró (Barcelona)
t +34 937 552 382 | m +34 637 208 121

[thoracic.surgery@actoserveis.com]
[www.thoracicsurgery2021.org]
[www.actoserveis.com]



City Information

Barcelona overlooks the Mediterranean and is located in a heavily populated area which is a hub of economic activity.

Barcelona enjoys a Mediterranean climate, with mild winters and warm summers. It is a coastal city and has over four kilometres of urban beaches and large areas of nearby forest. Although it is a large city, it is easy to get around on public transport and on foot. You can reach any point in the city by metro, bus and taxi.

Barcelona is the capital of Catalonia. Its inhabitants are open and welcoming. The people of Barcelona speak Catalan, their own language, and Spanish. Many of them also understand a little English and French.

Visa

Spain is part of the Schengen zone. This means that nationals from EU countries do not need a visa.

Language

Most of Barcelona's inhabitants are bilingual and speak Catalan, their own language, and Spanish.

Electricity

The voltage in Spain is 220 volts, 50 Hz. The plug types are C and F.

Climate

The city has a typically Mediterranean climate and enjoys pleasant temperatures all the year round.

Currency

The euro (€) is the official currency of the European Union and can be exchanged at savings banks and banks.

Banks

Business hours differ between banks. Most banks are open from Monday to Friday from 08:15 to 14:15

Customs

In Barcelona mealtimes are usually a little later than the rest of Europe. The city's shops have long opening hours.

Shopping in Barcelona

Monday to Saturday, from 09:30 to 13:30 and from 16:30 to 20:00.

Most of the department stores do not close at mid-day.

Sponsors







Endorsed by:



ACECP

Technical Secretariat

ACTOserveis

TecnoCampus Mataró-Maresme | Edifici TCM2 | P2.03
Av. Ernest Lluch, 32 | 08302 Mataró (Barcelona)
t +34 937 552 382 | m +34 637 208 121