



MEDICAL UNIVERSITY  
OF VIENNA



# 4th VIENNA-ESTS LARYNGOTRACHEAL COURSE

2nd - 4th March 2023 | Vienna, Austria

## Organising Committee

Konrad Hoetzenecker (MedUni Vienna)

Isabelle Opitz (ESTS)

Doris-Maria Denk-Linnert (MedUni Vienna)

Nuria Maria Novoa (ESTS)

An application has been made  
for accreditation to European  
Accreditation Council for Continuing  
Medical Education (EACCME®)

**INFORMATION & REGISTRATION: [4th Vienna-ESTS Laryngotracheal Course | MedUni Wien](#)**

# FACULTY

## **Catherine Anderson, BA**

Chair of the iSGS patient online support group  
United Kingdom

## **Antonio D'Andrilli, MD**

Sapienza University Rome  
Department of Thoracic Surgery  
Rome, Italy

## **Martin Burian, MD**

Ordensklinikum Linz  
Department of Otolaryngology  
Head and Neck Surgery  
Austria

## **Paulo Cardoso, MD**

University of Sao Paulo  
Department of Thoracic Surgery  
Brazil

## **Kaid Darwiche, MD**

Ruhrlandklinik Essen  
Department of Pulmonary Medicine  
Germany

## **Paolo De Coppi, MD PhD**

Great Ormond Street Hospital  
Department of Paediatric Surgery  
London, United Kingdom

## **Doris-Maria Denk-Linnert, MD**

Medical University of Vienna  
Department of Otorhinolaryngology  
Head and Neck Surgery  
Austria

## **Ellie Fadel**

Marie Lannelongue Hospital Paris  
Department of Thoracic Surgery  
France

## **Alexander Gelbard, MD**

Vanderbilt University Medical Center,  
Nashville  
Department of Otolaryngology  
Head and Neck Surgery  
USA

## **Daniela Gompelmann, MD**

Medical University of Vienna  
Department of Internal Medicine II  
Division of Pulmonology  
Austria

## **Alexander Hillel, MD**

Johns Hopkins University School of Medicine,  
Baltimore  
Department of Otolaryngology  
Head and Neck Surgery  
USA

## **Konrad Hoetzencker, MD PhD**

Medical University of Vienna  
Department of Thoracic Surgery  
Austria

## **Walter Klepetko, MD**

Medical University of Vienna  
Department of Thoracic Surgery  
Austria

# FACULTY

## **Michael Mildner, PhD**

Medical University of Vienna  
Department of Dermatology  
Austria

## **Francesco Moscato PhD**

Medical University of Vienna  
Center for Medical Physics and Biomedical  
Engineering  
Austria

## **Nuria María Novoa, MD PhD**

University Hospital of Salamanca  
Department of Thoracic Surgery  
Spain

## **Isabelle Opitz, MD**

University Hospital Zurich  
Department of Thoracic Surgery  
Switzerland

## **Kostas Papagiannopoulos, MD**

St. James University Hospital  
Department of Thoracic Surgery  
United Kingdom

## **Helmut Prosch MD**

Medical University of Vienna  
Department of Biomedical Imaging and  
Image-Guided Therapy  
Austria

## **Cesare Piazza, MD**

University of Brescia and ASST Spedali Civili  
Brescia  
Department of Otorhinolaryngology-Head and  
Neck Surgery  
Italy

## **Imme Roesner, MD**

Medical University of Vienna  
Department of Otorhinolaryngology  
Head and Neck Surgery  
Austria

## **Michele Salati, MD PhD**

AOU Ospedali Riuniti of Ancona  
Department of Thoracic Surgery  
Italy

## **Berit Schneider-Stickler, MD**

Medical University of Vienna  
Department of Otorhinolaryngology  
Head and Neck Surgery  
Austria

## **Thomas Schweiger, MD PhD**

Medical University of Vienna  
Department of Thoracic Surgery  
Austria

## **Ad Verhagen, MD PhD**

St. Antonius Hospital Nijmegen  
Department of Cardiothoracic Surgery  
The Netherlands



# 4th VIENNA-ESTS LARYNGOTRACHEAL COURSE

2-4 March 2023 · Vienna, Austria



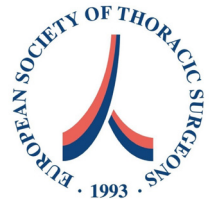
## Day 1: Thursday 2 March

09:00	<b>WELCOME REMARKS</b> Konrad Hoetzenecker Doris-Maria Denk-Linnert Nuria María Novoa Isabelle Opitz	11:10-12:00	<b>SESSION III: TRACHEAL SURGERY</b> Chairs: Isabelle Opitz Ad Verhagen
09:05-10:00	<b>SESSION I: PATHOMECHANISMS IN AIRWAY STENOSIS</b> Chairs: Konrad Hoetzenecker Nuria María Novoa	11:10-11:20	<b>Technical principles of cervical and intrathoracic tracheal surgery</b> Ellie Fadel
09:05-09:20	<b>Epidemiology, Etiology, Risk Factors for Upper Airway Stenosis</b> Paulo Cardoso	11:20-11:30	<b>Surgery for tracheobronchomalacia</b> Thomas Schweiger
09:20-09:35	<b>Insights on contributing molecular mechanisms</b> Alexander Hillel	11:30-11:40	<b>Tracheostomy-associated complications and sequelae</b> Kostas Papagiannopoulos
09:35-09:50	<b>Excessive scarring: lessons from basic research on keloid</b> Michael Mildner	11:40-11:50	<b>Multidisciplinary treatment of adenoid cystic carcinoma</b> Konrad Hoetzenecker
09:50-10:00	<b>Discussion</b>	11:50-12:00	<b>Discussion</b>
10:00-10:50	<b>SESSION II: PREOPERATIVE ASSESSMENT OF AIRWAY PATHOLOGY</b> Chairs: Alexander Gelbard Benoit Jaques Bibas	12:00-12:45	<b>SESSION IV: ENDOSCOPIC PROCEDURES FOR AIRWAY STENOSIS</b> Chairs: Cesare Piazza Alexander Hillel
10:00-10:15	<b>The basics of rigid and flexible bronchoscopy</b> Paulo Cardoso	12:00-12:10	<b>Glottic stenosis</b> Martin Burian
10:15-10:25	<b>The role of CT scans and virtual bronchoscopy</b> Helmut Prosch	12:10-12:20	<b>Benign subglottic stenosis (Laser, Balloon, Dilatation)</b> Kaid Darwiche
10:25-10:35	<b>Novel approaches - fluorescent bronchoscopy and advances in endobronchial imaging</b> Daniela Gompelmann	12:20-12:35	<b>Recanalisation techniques and stents for malignant disease</b> Daniela Gompelmann
10:35-10:50	<b>Discussion</b>	12:35-12:45	<b>Discussion</b>
10:50-11:10	<b>Coffee break</b>	12:45-14:00	<b>Lunchbreak and Posterwalk</b>



# 4th VIENNA-ESTS LARYNGOTRACHEAL COURSE

2-4 March 2023 · Vienna, Austria



## Day 1: Thursday 2 March

- 14:00-14:40 **SESSION V:  
UPPER AIRWAY SURGERY –  
FROM EASY TO ADVANCED**  
Chairs: Paulo Cardoso  
Antonio D'Andrilli
- 14:00-14:10 **Subglottic resection and reconstruction**  
Ad Verhagen
- 14:10-14:20 **Glotto-subglottic resection and reconstruction**  
Konrad Hoetzenecker
- 14:20-14:30 **Laryngotracheal surgery for advanced  
thyroid cancer**  
Cesare Piazza
- 14:30-14:40 **Discussion**
- 14:40-15:10 **SESSION VI:  
PANEL DISCUSSION:  
TREATMENT OF BENIGN STENOSIS -  
ENDOSCOPIC VS SURGICAL APPROACH -  
WHY, WHEN AND HOW OFTEN?**  
Chairs: Alexander Gelbard  
Benoit Jaques Bibas
- 3 CASES**  
**A clear surgical indication**  
Kostas Papagiannopoulos  
**A clear endoscopic indication**  
Alexander Gelbard  
**A controversial case**  
Thomas Schweiger
- Participants:**  
Konrad Hoetzenecker  
Kaid Darwiche  
Paulo Cardoso  
Kostas Papagiannopoulos  
Alexander Hillel
- 15:10-16:20 **SESSION VII:  
CONTROVERSIES IN CARINAL RESECTION**
- 15:10-15:25 **Surgical basics of carinal resection  
and sleeve-pneumectomy**  
Walter Klepetko
- Open debate:  
Induction therapy in carinal resection**
- 15:25-15:32 **PRO**  
Antonio D'Andrilli
- 15:32-15:39 **CONTRA**  
Ellie Fadel
- 15:39-15:49 **Discussion**
- Open debate:  
ECMO in carinal resection**
- 15:49-15:56 **PRO**  
Konrad Hoetzenecker
- 15:56-16:03 **CONTRA**  
Isabelle Opitz
- 16:03-16:13 **Discussion**
- Coffee break**
- 16:40-17:30 **SESSION VIII:  
BEST ABSTRACTS AND VIDEOS**  
Chairs: Ellie Fadel  
Paolo De Coppi



# 4th VIENNA-ESTS LARYNGOTRACHEAL COURSE

2-4 March 2023 · Vienna, Austria



## Day 2: Friday 3 March

### 09:00-11:30 **PARALLEL SESSION IX-LIVE SURGERY**

Surgery: Konrad Hoetzenecker  
Thomas Schweiger  
Moderation: Walter Klepetko

### 09:00-11:30 **PARALLEL SESSION IX-INTERESTING CASES**

#### **SESSION X: DATABASES AND MULTI-CENTER TRIALS**

Chairs: Nuria María Novoa  
Alexander Hillel

### 11:30-11:45 **Air: ESTS-Brazilian database**

Michele Salati

### 11:45-12:00 **NoAAC database: A prospective pragmatic trial comparing the 'Standard of Care' for iSGS**

Alexander Gelbard

### 12:00-12:15 **iSGS Online patient support group**

Catherine Anderson

### 12:15-13:00 **Lunchbreak**

### 13:00-13:50 **SESSION XI: WHEN THINGS GO WRONG...**

Chairs: Walter Klepetko  
Kostas Papagiannopoulos

### 13:00-13:10 **Dehiscence**

Antonio D'Andrilli

### 13:10-13:20 **Restenosis**

Ad Verhagen

### 13:20-13:30 **Unilateral vocal fold paralysis**

Imme Roesner

### 13:30-13:40 **Bilateral vocal fold paralysis**

Berit Schneider-Stickler

### 13:40-13:50 **Discussion**

### 13:50-14:45 **SESSION XII:**

#### **BACK TO THE FUTURE**

Chairs: Isabelle Opitz  
Cesare Piazza

### 13:50-14:05 **Drug-eluting stents**

Alexander Hillel

### 14:05-14:20 **Additive manufacturing: from the scratch into the patient**

Francesco Moscato

### 14:20-14:35 **Tracheal transplantation and tissue-engineering: lessons learned**

Paolo De Coppi

### 14:35-14:45 **Discussion**

### 14:45-15:10 **SESSION XIII: FACULTY VIDEO SESSION**

Chairs: Konrad Hoetzenecker  
Doris-Maria Denk-Linnert

### 15:10 **CLOSING REMARKS**

Konrad Hoetzenecker  
Doris-Maria Denk-Linnert  
Nuria María Novoa  
Isabelle Opitz



# 4th VIENNA-ESTS LARYNGOTRACHEAL COURSE

2-4 March 2023 · Vienna, Austria



## Day 3: Saturday 4 March

09:00-13:00 **HANDS-ON COURSE**  
(limited number of participants)

Surgical procedures on cadaver models  
3 participants/table

- Dissection and exposure of the laryngotracheal junction
- Release maneuvers
- Cricotracheal resection
- Single-stage laryngotracheal reconstruction



MEDIZINISCHER UNIVERSITÄTSCAMPUS



MEDIZINISCHE  
UNIVERSITÄT WIEN



Allgemeines Krankenhaus  
der Stadt Wien





MEDICAL UNIVERSITY  
OF VIENNA

