



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)



The 4th Vienna-ESTS Laryngotracheal Course, Vienna, Austria,
02/03/2023-04/03/2023 has been accredited by the European
Accreditation Council for Continuing Medical Education
(EACCME®) with 15 European CME credits (ECMEC®s)

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Day 1: Thursday 2 March

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



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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

15:10-16:00

SESSION VII: WHEN THINGS GO WRONG...

Chairs: Walter Klepetko
Kostas Papagiannopoulos

15:10-15:20

Dehiscence

Antonio D'Andrilli

15:20-15:30

Restenosis

Ad Verhagen

15:30-15:40

Unilateral vocal fold paralysis

Imme Roesner

15:40-15:50

Bilateral vocal fold paralysis

Berit Schneider-Stickler

15:50-16:00

Discussion

Coffee break

16:00-16:50

SESSION VIII: BEST ABSTRACTS AND VIDEOS

Chairs: Elie Fadel
Paolo De Coppi



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Day 2: Friday 3 March

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

Surgery: Konrad Hoetzenecker
Thomas Schweiger
Moderation: Walter Klepetko

13:39-13:46

13:46-13:53

13:53-14:10

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

DATABASES AND MULTI-CENTER TRIALS

Chairs: Nuria María Novoa
Alexander Hillel

14:10-15:05

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

14:10-14:25

14:25-14:40

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

Catherine Anderson

14:40-14:55

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

14:55-15:05

13:00-14:10 **SESSION XI: CONTROVERSIES IN CARINAL RESECTION**

15:05-15:30

13:00-13:15 **Surgical basics of carinal resection and sleeve-pneumonectomy**

Walter Klepetko

Open debate:

ECMO in carinal resection

PRO

Konrad Hoetzenecker

CONTRA

Isabelle Opitz

Discussion

SESSION XII:

BACK TO THE FUTURE

Chairs: Isabelle Opitz
Cesare Piazza

Drug-eluting stents

Alexander Hillel

Additive manufacturing: from the scratch into the patient

Francesco Moscato

Tracheal transplantation and tissue-engineering: lessons learned

Paolo De Coppi

Discussion

SESSION XIII:

FACULTY VIDEO SESSION

Chairs: Konrad Hoetzenecker
Doris-Maria Denk-Linnert

CLOSING REMARKS

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

13:15-13:22 **Open debate: Induction therapy in carinal resection**

PRO

Antonio D'Andrilli

13:22-13:29 **CONTRA**

Elie Fadel

13:29-13:39 **Discussion**

15:30



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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



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