

Thursday, 2nd of March 2023

Welcome remarks

Hoetzenecker K/Denk-Linnert DM, Novoa N, Opitz I

Session I: Pathomechanisms in airway stenosis

9:05-10:00

Chairs: Hoetzenecker K/Novoa N

Epidemiology, Etiology, Risk Factors for Upper Airway Stenosis

15 min

Cardoso P, Sao Paulo

Insights on contributing molecular mechanisms

15 min

Hillel A, Baltimore

Excessive scarring: lessons from basic research on keloid

15 min

Michael Mildner, Vienna

Discussion

10 min

Session II: Preoperative assessment of airway pathology

10:00-10:50

Chairs: Gelbard A/Bibas B

The basics of rigid and flexible bronchoscopy

15min

Cardoso P, Sao Paulo

The role of CT scans and virtual bronchoscopy

10min

Prosch H, Vienna

Novel approaches - fluorescent bronchoscopy and advances in endobronchial imaging

15 min

Gompelmann D, Vienna

Discussion

10 min

Coffee break

Session III: Tracheal surgery

11:10-12:00

Chairs: Opitz I/Verhagen AF

Technical principles of cervical and intrathoracic tracheal surgery

10min

Rea F, Padova

Surgery for tracheobronchomalacia

10 min

Schweiger T, Vienna

Tracheostomy-associated complications and sequelae

10 min

Papagiannopoulos K, Leeds

Multidisciplinary treatment of adenoid cystic carcinoma

10 min

Hoetzenecker K, Vienna

Discussion 10 min

Session IV: Endoscopic procedures for airway stenosis **12:00-12:45**

Chairs: Piazza C/Hillel A

Glottic stenosis 10 min
Burian M, Linz

Benign subglottic stenosis (Laser, Balloon, Dilatation) 10 min
Darwiche K, Essen

Recanalisation techniques and stents for malignant disease 15 min
Gompelmann D, Vienna

Discussion 10 min

Lunchbreak and Posterwalk

Session V: Upper airway surgery – from easy to advanced **14:00-14:40**

Chairs: Cardoso P/D’Andrilli A

Subglottic resection and reconstruction 10min
Verhagen AF, Nijmegen

Glotto-subglottic resection and reconstruction 10min
Hoetzenecker K, Vienna

Laryngotracheal surgery for advanced thyroid cancer 10min
Piazza C, Milan

Discussion 10 min

Session VI: Panel Discussion: Treatment of benign stenosis - endoscopic vs surgical approach - why, when and how often? **14:40-15:10**

3 Cases

A clear surgical indication (Papagiannopoulos K)

A clear endoscopic indication (Gelbard A)

A controversial case (Schweiger T)

Participants:

Hoetzenecker K, Darwiche K, Cardoso P, Papagiannopoulos K, Hillel A

Session VII: Controversies in carinal resection **15:10-16:20**

Surgical basics of carinal resection and sleeve-pneumonectomy 15 min
Klepetko W, Vienna

Open debate: Induction therapy in carinal resection

PRO

D'Andrilli A, Rome

7 min

CONTRA

Rea F, Padova

7 min

Discussion

10 min

Open debate: ECMO in carinal resection

PRO

Hoetzenecker K, Vienna

7 min

CONTRA

Opitz I, Zurich

7 min

Discussion

10 min

Coffee break

Session VIII: Best Abstracts and videos

16:40-17:30

Chairs: Rea F/De Coppi P

Friday, 3rd of March 2023

Parallel session IX – Live surgery

09:00-11:30

Surgery: Hoetzenecker K, Schweiger T

Moderation: Klepetko W, Vienna

Parallel session IX – Interesting cases

Session X: Databases and multi-center trials

11:30-12:15

Chairs: Novoa N/Hillel A

AIR: ESTS-Brazilian database

15 min

Salati M, Ancona and Schweiger T, Vienna

NoAAC database :A prospective pragmatic trial comparing the 'Standard of Care' for iSGS

15 min

Gelbard A, Nashville

iSGS Online patient support group

15 min

Anderson C, Nashville

Lunchbreak

Session XI: When things go wrong...

13:00-13:50

Chairs: Klepetko W/Papagiannopoulos K

Dehiscence

10 min

D'Andrilli A, Rome

Restenosis

10 min

Verhagen AF, Nijmegen

Unilateral vocal fold paralysis

10 min

Roesner I, Vienna

Bilateral vocal fold paralysis

10 min

Schneider-Stickler B, Vienna

Discussion

10 min

Session XII: Back to the future

13:50-14:45

Chairs: Opitz I/Piazza C

Drug-eluting stents Hillel A, Baltimore	15 min
Additive manufacturing: from the scratch into the patient Moscato F, Vienna	15 min
Tracheal transplantation and tissue-engineering in LT surgery De Coppi P, London	15 min
Discussion	10 min

Session XIII: Faculty Video Session

14:45-15:10

Chairs: Hoetzenecker K/Denk Linnert DM

Closing remarks

Hoetzenecker K/Denk-Linnert DM, Novoa N, Opitz I

Saturday, 4th of March 2023

Hands-on course (limited number of participants)

09:00-13:00

Surgical procedures on cadaver models

3 participants/table

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