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MESSAGE FROM THE ORGANIZERS

Dear Colleagues,
Dear Friends,

What you have in your hands is the full program of our 5th Congress of European ORL-HNS in Brussels from June 29 to July 3, 2019.

This document is the result of months of tireless work performed by our Scientific Committee, led by Elisabeth Sjögren with the support of our Presidential Council and our President Hans Eckel. Our common goal was to build the best program possible covering all the aspects of our great field. We are confident that, together, we have reached this goal.

This is the first time that the congress is fully organized by the Confederation of European ORL-HNS itself. All our Subspecialty Societies and National Societies have contributed to this program.

Our aim is also to foster the Confederation’s openness to all parts of the world. That is why we have made sure to collaborate with colleagues from the Middle East, the Americas, Asia, Africa, as well as Oceania.

In addition, we wanted to keep the interests of our young colleagues, residents and young academics in mind when designing the program. Especially for them, we are introducing the “Basic ENT”-track, which we hope will aid them in their promising future careers. The European Board exam in ORL-HNS organized under the umbrella of UEMS-ORL is taking place on Saturday, June 29, 2019.

We would like to thank all our colleagues who are devoting their precious time to this congress by participating with lectures, courses, round tables, posters and other scientific, administrative and social activities. We also appreciate the participation of numerous commercial companies in our congress and encourage all participants to visit their booths at the exhibition.

Please make sure to also visit the excellent E-Poster Area. The posters have been fully digitalized to make navigating and viewing the fascinating scientific content easier for you.

Finally, we cordially invite you to attend our Opening Ceremony on Saturday, June 29. It will be held in the auditorium Lebouef of “Bozar”, one of the best concert
auditoriums of Brussels, and feature live jazz music with a surprise classical twist. Join us afterwards for a relaxed drink among our exhibitors and sponsors, without whom high-quality events on this scale would not be possible.

The three of us wish you a productive congress in a friendly atmosphere. We hope you will enjoy your congress bags, which have been made in three different designs to celebrate the individuality of our specialties, as well as Brussels as a destination.

Welcome to Brussels,

Prof. Marc Remacle  
*Congress President*

Dr. Elisabeth Sjögren  
*Head of the International Scientific Committee*

Prof. Hans E. Eckel  
*President of the Confederation*
ORGANIZATION & COMMITTEES

CONGRESS PRESIDENT
Marc Remacle

ORGANIZING COMMITTEE
Marc Remacle (President)
Elisabeth Sjögren (Chair scientific committee)

LOCAL SCIENTIFIC COMMITTEE
Naïma Deggouj (Belgium)
Eugene Panosetti (Luxembourg)
Philippe Rombaux (Belgium)
Robert Takes (Netherlands)

Special thanks to Cem Meco and the Confederation Board

INTERNATIONAL COMMITTEE – SUBSPECIALTY SOCIETIES

EAACI  Philippe Gevaert and Peter Hellings
EAFPS  Hesham Saleh and Alwyn D’Souza
EAONO  Per Cayé-Thomasen
EASM  Nico de Vries and Karl Hörmann
EBEORL  Ulrik Pedersen and Marcus Neudert
EFAS  Martin Kompis and Françoise Sterkers-Artieres
EGFL  Rudolf Hagen and Norbert Kleinsasser
EHNS  René Leemans and Wojciech Golusinski
EJD  European Junior Doctors
ERS  Par Stjarne and Sean Carrie
ESBS  Robert Behr and Dirk Kunst
ESGS  Francis Marchal and Vincent Vander Poorten
ELS  Elisabeth Sjögren and Ricard Simo
ESPO  Dave Albert and John Russel
UEMS  John Fenton and Adrian Agius
UEP-EAP  Ahmed Geneid and Haldun Oguz
Young-IFOS  Nicolas Fakhry
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Past President: Manuel Bernal-Sprekelsen (Spain)
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Congress President 2019: Marc Remacle (Luxembourg)
Congress President 2021: Piero Nicolai (Italy)

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Spain  Miquel Quer
Sweden  Ann Hermansson
Switzerland  Pavel Dulguerov
Turkey  Mete Kiroglu
United Kingdom  Chris Aldren

CEORL-HNS 2019 COMMUNICATIONS COMMITTEE

Chair  Declan Costello (United Kingdom)
Social Media Coordinator  Ngan Hong Ta (Tanya Ta) (United Kingdom)
Press Coordinator  Jerome R. Lechien (Belgium)
Visual Media Coordinator  Hesham Negm (Egypt)
## Finalization Day Participants

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<td>Mario</td>
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<td>Dulguerov</td>
<td>Ricardo</td>
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<td>Ehlers Klug</td>
<td>Jae-Jin</td>
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<td>Miroslav</td>
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<td>Ann</td>
<td>Hermansson</td>
<td>Jure</td>
<td>Urbancic</td>
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<tr>
<td>Karl</td>
<td>Hörmann</td>
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<td>Vander Poorten</td>
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THE CONFEDERATION

ADVISORY BOARD MEETING
Sunday, June 30, 2019 from 13:00 – 15:00
Location: Panoramic Hall | SQUARE Brussels

Lunch will be provided

CONFEDERATION GENERAL ASSEMBLY
Monday, July 1, 2019 from 13:00 – 15:00
Location: Panoramic Hall | SQUARE Brussels

Lunch will be provided

THE SOCIETY VILLAGE
More information on page 188
DOWNLOAD AND CONNECT

CONGRESS APP SPONSORED BY Olympus

All in one place – the Confederation App is your primary and most up-to-date source of information regarding CEORL-HNS 2019. Not only does it cover all the information contained in the final program book, but it also features various tools that will increase your enjoyment of the conference:

- View all abstracts submitted for CEORL-HNS 2019
- Get in touch with speakers or with your peers
- Get involved in live voting and discussions
- Receive push-notifications from the organizers to keep up to date at all times
- Find your way around both inside and outside the venue with the interactive map
- and much more...


LIVE VOTING AND Q&A

Once you’re online and have downloaded the app, you can also engage in live voting and Q&A during sessions. To do this, simply click on the “LIVE VOTING” or on the “Q&A” tile on the app’s home screens, respectively, and follow the speaker’s or moderator’s instructions. It is indicated in the program which sessions support Voting and Q&A.

[!] Once accessed, the app can be used offline as well. Simply follow the instructions on your screen.

WIFI
Free WIFI is available throughout the congress area.
Network Name: CEORL-HNS 2019
Password: theconfederation
# SCIENTIFIC PROGRAM

## NEW SESSION FORMATS

### Basic ENT
A brand-new “Basic ENT” track completely geared towards ENT trainees and young professionals. The track will run in parallel to the rest of the Congress Program and last for the full duration of CEORL-HNS 2019.

In terms of content, Basic ENT covers a broad range of clinical topics in a practical and interactive manner. In addition, young professionals will be able to acquire skills in related fields such as writing publications, presenting at meetings and practicing Evidence Based Medicine. Other highlights include the UEMS/EBE-ORL mock exam and the Golden Resident Quiz.

### Debate
This session will cover one specific topic with different opinions of multiple experts. It will allow speakers to debate controversial topics in an attractive format.

### Battle
This session will cover one specific topic with two opinions of two different experts.

### Video
In this session, instructional videos about different clinical procedures and clinical approaches will be shown.

## APP ICONS

- Live Voting
- Q&A
GENERAL INFORMATION / SCIENTIFIC PROGRAM INFORMATION

ABSTRACT SUPPLEMENT
You will find the abstracts of the 5th Congress of European ORL-Head & Neck Surgery on an USB-Stick which will be handed out at the Registration Service counter (limited number available).

CME CREDITS
The 5th Congress of European ORL-Head & Neck Surgery, Brussels, Belgium, 29/06/2019-03/07/2019 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 25 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des MédecinsSpécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

CONGRESS LANGUAGE
The official language of the Congress is English. No simultaneous translation will be provided.

CONGRESS STAFF
The Mondial Congress & Events team members are present at the Registration Service counter and congress hostesses are present in all session rooms as well as at the Speakers’ Preview Centre and as badge monitors. Do not hesitate to approach them with queries – they will gladly assist you.

THE CONFEDERATION
For matters regarding the Confederation make sure to visit the Society Village in the Exhibition Area on Level -2.
**SPEAKERS’ PREVIEW CENTRE**
The Speakers’ Preview Centre is located in the Lounge Margritte on Level L.

Staff and equipment will be available for you to arrange and preview your PowerPoint presentation. Please find more detailed information on page 181.

**SCIENTIFIC E-POSTER AREA**
All scientific posters can be viewed throughout the congress in the E-Poster Area on Level -2.

**CLOAKROOM**
A cloakroom and luggage storage facilities are available close to the Registration Hall on Level -1.

**COFFEE BREAKS AND LUNCH**
Coffee and simple lunch during the indicated coffee and lunch breaks are included in the registration fee and will be served in the Exhibition Area on Level -2.

**FIRST AID**
In case of need, please contact the staff at the Registration Service counter.
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<td>NBI in diagnosis of head and neck cancer</td>
<td>CRS – what to do when nothing seems to work – medical and surgical options</td>
<td>Update on atresia and microtia management</td>
<td>Office-based procedures in head and neck oncology</td>
<td>Methods for oxygenation in airway surgery</td>
<td>Four hands technique in EndoRhinoNeuro-Surgery – v tips and tricks</td>
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<td>Controversies in inverting papilloma</td>
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<td>Open neck partial surgery of the larynx: is it still indicated?</td>
<td>Optimizing outcomes in CRS</td>
<td>What can we get from surgical correction of auditory canal atresia?</td>
<td>Scanning the Egyptian Mummies</td>
<td>Endoscopic imaging of the larynx – state of the art</td>
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<td>Rhinosinusitis – managing the complications</td>
<td>Lessons learned from the Moroccan Cochlear implantation program</td>
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<td>Transoral ultra-sound-guided surgery</td>
<td>Allergic rhinitis – 21st century approach to management</td>
<td>Attic cholesteatoma: tips and tricks</td>
<td>The role of microbiota in immunoncology</td>
<td>Does HPV play a role in laryngeal cancer?</td>
<td>Is endotyping the answer in CRS treatment?</td>
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<td>ABI</td>
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<td>Endonasal seoplopy and rhinoplasty – an update</td>
<td>IAP – Paresis and vocal fold insufficiency</td>
<td>Phoniatric approach to professional voice care</td>
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<td>Lessons learned from endoscopic skull base surgery</td>
<td>Can disease registers improve outcomes?</td>
<td>Young IFOS panel – Challenges in Pediatric otology</td>
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<td><strong>Everything you need to know about sialendoscopy in one hour</strong></td>
<td>Rhinoplasty: lessons from success and failure</td>
<td>Laryngotraheal reconstruction after the surgery of invasive thyroid cancer</td>
<td>Autoimmune diseases in connection with voice disorders</td>
<td>Anterior skull base surgery in children</td>
<td>Skull base paraganglioma</td>
<td>Near misses in ENT-HNS</td>
<td>Cholesteatoma surgery: tips, tricks and pitfalls</td>
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<td><strong>Everything you learned, applied to patients</strong></td>
<td>Anterior Skull Base Reconstruction</td>
<td>AAO-HNS – New technologies and novel strategies in otolaryngology-HNS</td>
<td>Voice assessment and outcome before and after phonosurgery – what should we be measuring?</td>
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<td>Novel hearing therapeutics, what does it mean for the ENT surgeon</td>
<td>ALA – Management of pre-neoplastic to neoplastic lesions of the larynx: from diagnosis to rehabilitation</td>
<td>How to write a paper</td>
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<td><strong>Chronic Saladenitis &amp; minimally invasive treatment efficacy assessment</strong></td>
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<td>External surgery for laryngeal cancer: tips, tricks and pitfalls</td>
<td>Phoniatrics and Genetics</td>
<td>Nasal obstruction in children?</td>
<td>Facelift surgery: are we reflective and modest enough about what we teach?</td>
<td>Vocal fold scars – today and tomorrow</td>
<td>The analysis of a dizzy patient: how I do it</td>
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<td><strong>FP5 Microsurgery phanosurgery</strong></td>
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<td><strong>Young IFOS panel – The ENT surgeon and EBM</strong></td>
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<td>Facial plastics: video session</td>
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<td><strong>COFFEE BREAK</strong></td>
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<td><strong>Surgical complications session</strong></td>
<td>Treatment of neurotibromatosis type 2</td>
<td>MRI and olfactory disorders</td>
<td>Laryngeal EMG &amp; Neurootologic diagnosis</td>
<td>Functional disorders of children with clefts</td>
<td>Mastering Asian Rhinoplasty</td>
<td>How to handle complications of tonsillectomy: the bleeding tonsils</td>
<td>Genetic and acquired causes of pediatric sensorineural hearing loss</td>
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<td><strong>FP Salivary Gland</strong></td>
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Program as per printing date. Any changes after the printing date are reflected in the Congress App.

### 08:00 – 08:45 Gold Hall
**Instructional Course – Otology/Neurotology**  
Update in middle and inner ear imaging  
ICS56  
J. Casselman, Belgium

### 08:00 – 08:45 Hall 400
**Instructional Course – Head & Neck**  
Office-based procedures in head and neck oncology  
ICS142  
J. Burns, United States  
ICS144  
G. van den Broek, Netherlands

### 08:00 – 08:45 Copper Hall
**Instructional Course – Head & Neck**  
NBI in diagnosis of head and neck cancer  
Chair: M. Wierzbicka, Poland  
ICS138  
L. Tamas, Hungary  
ICS137  
L. Toth, Hungary

### 08:00 – 08:45 Silver Hall
**Instructional Course – Rhinology**  
CRS – what to do when nothing seems to work – medical and surgical options  
Chair: M. Ada, Turkey  
ICS64  
l. Herzallah, Egypt  
ICS63  
R. Jankowski, France

### 08:00 – 08:45 Hall 100
**Instructional Course – Rhinology**  
Four hands technique in EndoRhinoNeuroSurgery – tips and tricks  
ICS61  
D. Simmen, Switzerland

### 08:00 – 08:45 Hall 300
**Instructional Course – Rhinology**  
Methods for oxygenation in airway surgery  
Chair: K. Sandu, Switzerland  
ICS27  
K. Heathcote, United Kingdom  
ICS29  
R. Nouraei, United Kingdom

### 08:00 – 08:45 Hall 100
**Instructional Course – Otology/Neurotology**  
Update on atresia and microtia management  
ICS58  
T. Somers, Belgium  
T. Somers, Belgium

### 08:00 – 08:45 The Arc
**Instructional Course – Laryngology**  
DISE-strange cases  
W. Hohenhorst, Germany
<table>
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<tr>
<th>Time</th>
<th>Room</th>
<th>Event</th>
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<tr>
<td>08:00 – 08:10</td>
<td>MS 311&amp;312</td>
<td><strong>Keynote Lecture – Salivary Gland</strong></td>
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<td>Salivary Gland Society within CEORL</td>
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<td>F. Marchal, Switzerland</td>
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<td>08:10 – 08:45</td>
<td>MS 311&amp;312</td>
<td><strong>Instructional Course – Salivary Gland</strong></td>
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<td>The normal gland: what you need to know</td>
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<td>08:10 – 08:30</td>
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<td>Anatomy</td>
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<td>T. Sozen, Turkey</td>
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<td>08:30 – 08:45</td>
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<td>Normal composition of saliva: electrolytes /</td>
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<td>A. Vissink, Netherlands</td>
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<td>08:00 – 08:45</td>
<td>MS 201 A/B</td>
<td><strong>Instructional Course – Facial Plastics</strong></td>
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<td>Nasal septum perforation closure with</td>
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<td>Chair: T. van Zele, Belgium</td>
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<td>V. Aberbukh, Russian Federation</td>
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<td>08:00 – 08:45</td>
<td>MS 213&amp;215</td>
<td><strong>Instructional Course – Head &amp; Neck</strong></td>
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<td>Intraoperative Neuromonitoring in thyroid</td>
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<td>Chair: C.-W. Wu, Taiwan, Republic of China</td>
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<td>08:00 – 08:15</td>
<td>MS 202</td>
<td><strong>Basic ENT</strong></td>
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<td>Welcome and Introduction</td>
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<td>08:00 – 08:45</td>
<td>MS 214&amp;216</td>
<td><strong>Instructional Course – Phoniactics</strong></td>
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<td>New method for treatment of puberphonia</td>
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<td>I. Denizoglu, Turkey</td>
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<td>08:00 – 08:45</td>
<td>MS 313&amp;315</td>
<td><strong>Instructional Course – Pediatrics</strong></td>
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<td>Chair: V. Couloigner, France</td>
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<td>M. Zafereo, United States</td>
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<td>V. Couloigner, France</td>
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<td>08:00 – 08:45</td>
<td>MS 314&amp;316</td>
<td><strong>Instructional Course – Skull Base</strong></td>
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<td>Chair: P. Cayé-Thomasen, Denmark</td>
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<td>R. Behr, Germany</td>
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<td>08:00 – 08:45</td>
<td>MS 204</td>
<td><strong>Instructional Course – General</strong></td>
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<td>Iatrogenic facial paralysis: The experience</td>
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<td>of a 15-year-old facial paralysis Unit</td>
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<td>Chair: J. Plzák, Czech Republic</td>
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<td>L. Lassaletta, Spain</td>
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### 08:15 – 08:45  MS 202

**Instructional Course – Basic ENT**  
Imaging of the os petrosum – a step by step approach to reading CT

**08:15 – 08:45**  
BTS1  
B. Verbist, Netherlands

### 09:00 – 10:30  Gold Hall

**Round Table – Otology/Neurotology**  
Genetic background in progressive hearing loss

Chair: C. Petit, France  
Moderator: J. Boucek, Czech Republic

- RTS64  
  R. Pennings, Netherlands
- RTS66  
  C. Petit, France
- RTS67  
  R. Kremlíková Pourová, Czech Republic
- RTS68  
  G. van Camp, Belgium

### 09:00 – 10:30  Copper Hall

**Round Table – Head & Neck**  
Epidemiology of HPV in head and neck cancer in Europe

Chair: J. Ridge, United States  
Moderator: J.-P. Klussmann, Germany

- RTS872  
  J. Klozar, Czech Republic
- RTS52  
  P. Golusinski, Poland
- RTS54  
  H. Mehanna, United Kingdom
- RTS748  
  C. Wittekind, Germany

### 09:00 – 10:30  Silver Hall

**Round Table – Rhinology**  
Controversies in inverting papilloma

Chair: A. Kacker, United States  
Moderator: C. von Buchwald, Denmark

- RTS30  
  J. Urbancic, Slovenia
- RTS234  
  R. Kamel, Egypt
- RTS32  
  I. Yorulmaz, Turkey
- RTS729  
  J. K. Han, United States
- RTS223  
  M. Turri-Zanoni, Italy

### 09:00 – 10:30  Hall 100

**Round Table – Otology/Neurotology**  
Middle ear ventilation: from theory to endoscopic surgery

Chair: H. Sudhoff, Germany  
Moderator: L. Varga, Slovakia

- RTS96  
  S. Sinkkonen, Finland
- RTS97  
  G. Sprinzl, Austria
- RTS99  
  L. Varga, Slovakia

### 09:00 – 10:30  Hall 400

**Round Table – Head & Neck**  
Current management of T3 laryngeal cancer across Europe

Chair: P. Pracy, United Kingdom  
Moderator: N. Roland, United Kingdom

- RTS33  
  A. Bartolin, Italy
- RTS34  
  A. Mäkitie, Finland
- RTS36  
  N. Roland, United Kingdom
- RTS38  
  I. Vilaseca, Spain
- RTS39  
  M. Zabrodsky, Czech Republic
09:00 – 10:30  The Arc

Round Table – Laryngology
Decision making in airway surgery – how would you treat these patients?

Chair: H. Eckel, Austria
Moderator: C. Sittel, Germany

RTS41
H. Eckel, Austria

RTS43
C. Piazza, Italy

RTS240
K. Sandu, Switzerland

RTS296
G. Peretti, Italy

RTS44
G. Sandhu, United Kingdom

09:00 – 10:30  Hall 300

Round Table – Rhinology
ARS – A graduated approach to medical and surgical management of chronic rhinosinusitis

Moderator: N. Busaba, United States

RTS2
R. Casiano, United States

RTS3
J. Delgaudio, United States

RTS4
A. Sedaghat, United States

RTS5
A. Varini, Italy

RTS6
S. Wise, United States

09:00 – 10:30  MS 211&212

Round Table – Sleep Medicine
Update of Implementation of Contemporary Diagnostic Tools and treatments in OSA

Chair: F. Chabolle, France

TORS
D. Fomin, Brazil

Upper Airway stimulation
C. Heiser, Germany

RTS138
A. Marzetti, Italy

Protocol for diagnosis in patients with sleep apnoea
A. Neagos, Romania

09:00 – 10:30  MS 311&312

Keynote Lecture – Salivary Gland
Acute sialadenitis

Chair: D. Lombardi, Italy

09:00 – 09:10
Clinical presentation and update on recommended treatments
H. Klein

09:10 – 09:20
Decisional Tree regarding salivary pathologies
V. Vander Poorten, Belgium

09:20 – 09:30
Radiology of sialadenitis: importance of ultrasound
U. Borner, Switzerland

09:30 – 09:40
Radiology of sialadenitis: Importance of Sialo MRI
N. Dfouni, Switzerland

09:40 – 09:50
Radiology of sialadenitis: Importance of CT
K. Masterson Poyet, Switzerland

09:50 – 10:00
ESWL in the treatment of salivary stones
G. Pabst, Switzerland

09:00 – 10:30  MS 201 A/B

Round Table – Rhinology
Endonasal septoplasty and rhinoplasty – an update

Chair: P. Rombaux, Belgium

Moderator: M. Önerci, Turkey

Endoscopic rhinoplasty closed approach
P. Rombaux, Belgium

The advantages and disadvantages (or ups and downs) of endoscopic SRP
R. Xavier, Portugal

Endoscopic Rhinoplasty
J. Kainz, Austria
Endoscopic septoplasty
S. Ozer, Turkey
The advantages and disadvantages (or ups and downs) of endoscopic SRP
A. Sazgar, Iran, Islamic Republic of

09:00 – 10:30 MS 213&215
Round Table – Laryngology
IAP – Paresis and vocal fold insufficiency
Moderator: M. Benninger, United States
RTS117
A. Campagnolo, Italy
RTS118
G. Campos, Colombia
RTS119
L. Maron, South Africa
RTS120
R. Serrano, Argentina

09:00 – 10:30 MS 214&216
Round Table – Phoniatrics
Phoniatric approach to professional voice care
Chair: T. Nawka, Germany
RTS121
R. Hashimli, Azerbaijan
RTS123
J. Schlömicher-Thier, Austria
RTS124
D. Sumerags, Latvia
RTS245
I. Kocak, Turkey

09:00 – 10:30 MS 313&315
Round Table – Pediatrics
Pediatric rhinology
RTS112
E. Boss, United States
RTS113
A. de Rowe, Israel
RTS114
L. Speleman, Netherlands

09:00 – 10:30 MS 314&316
Round Table – Skull Base
Lessons learned from endoscopic skull base surgery
Chair: P. Nicolai, Italy
RTS69
P. Castelnuovo, Italy
RTS70
T. Gotlib, Poland
RTS71
P. Nicolai, Italy
RTS301
I. El Sayed, United States
RTS73
W. van Furth, Netherlands

09:00 – 10:30 MS 204
Round Table – General
Can disease registers improve outcomes?
RTS27
C. Simon, Switzerland
RTS28
J. Stalfors, Sweden
RTS29
R. Takes, Netherlands

09:00 – 10:30 MS 202
Round Table – Basic ENT
Young IFOS panel – Challenges in pediatric otology
Moderator: D. Smit, Netherlands
09:00 – 09:18
Management of otitis media with effusion in children
N. Teissier, France
09:18 – 09:36
Vestibular assessment in children
J. Widdershoven, Netherlands
09:36 – 09:54
Complicated acute otitis media in children
S. Rassi, Lebanon
09:54 – 10:12
What to do with retraction pockets?
V. Couloigner, France

11:00 – 11:30
Gold Hall
Keynote Lecture – Otology/Neurotology
Functional neuroimaging in asymmetric hearing loss
Chair: J. Casselman, Belgium
KLS29
M. Manrique, Spain

11:00 – 11:30
Gold Hall
Keynote Lecture – Otology/Neurotology
Endoscopic imaging of the larynx – state of the art
KLS19
C. Arens, Germany

11:00 – 11:30
Copper Hall
Keynote Lecture – Head & Neck
Open neck partial surgery of the larynx: is it still indicated?
Chair: G. Succo, Italy
KLS35
D. Chevalier, France

11:00 – 11:30
Copper Hall
Keynote Lecture – Head & Neck
Recent advances in expanded endoscopic skull base surgery
KLS460
M. Bernal-Sprekelsen, Spain

11:00 – 11:30
Silver Hall
Keynote Lecture – Rhinology
Optimizing outcomes in CRS
Chair: C. von Buchwald, Denmark
KLS37
C. Hopkins, United Kingdom

11:00 – 11:30
Silver Hall
Keynote Lecture – Rhinology
What can we get from surgical correction of auditory canal atresia?
What can we get from surgical correction of unilateral auditory canal atresia?
Y.-S. Cho, Korea, Republic of

11:00 – 11:30
Silver Hall
Keynote Lecture – Rhinology
What can we get from surgical correction of auditory canal atresia?
What can we get from surgical correction of unilateral auditory canal atresia?
Y.-S. Cho, Korea, Republic of

11:00 – 11:30
Hall 100
Keynote Lecture – Otology/Neurotology
Recent advances in expanded endoscopic skull base surgery
KLS460
M. Bernal-Sprekelsen, Spain

11:00 – 11:30
Hall 300
Keynote Lecture – Head & Neck
Endoscopic imaging of the larynx – state of the art
KLS19
C. Arens, Germany

11:00 – 11:30
Hall 400
Keynote Lecture – General
Scanning the Egyptian Mummies
Chair: J. Thomas, United States
KLS46
H. Negm, Egypt

11:00 – 11:30
The Arc
Keynote Lecture – Laryngology
Endoscopic imaging of the larynx – state of the art
KLS19
C. Arens, Germany

11:00 – 11:30
Hall 300
Keynote Lecture – Head & Neck
Endoscopic imaging of the larynx – state of the art
KLS19
C. Arens, Germany

11:00 – 11:30
Hall 100
Keynote Lecture – Rhinology
Recent advances in expanded endoscopic skull base surgery
KLS460
M. Bernal-Sprekelsen, Spain

11:00 – 11:30
MS 211&212
Keynote Lecture – Sleep Medicine
OSAS – present and future
Chair: J. Klozar, Czech Republic
KLS38
K. Hörmann, Germany

11:00 – 12:00
MS 311&312
Keynote Lecture – Salivary Gland
Everything you need to know about sialendoscopy in one hour
Chair: H. Klein
11:00 – 11:10
Sialendoscopy
O. Abboud, Canada
11:10 – 11:20
Combined sialendoscopic – intraoral submandibular
P. Capaccio, Italy
11:20 – 11:30
Combined sialendoscopic – intraoral/external parotid
R. Walvekar, United States
11:30 – 11:40
Stone fragmentation (Laser, other methods)
R. Irvine, Canada
11:40 – 11:50
Combined techniques
A. Anicin, Slovenia
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<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tr>
<td>11:50 – 12:00</td>
<td>Ductal dilatation of strictures</td>
<td>MS 201 A/B</td>
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<td>S. Kwan Ng, Hong Kong</td>
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<td>11:00 – 11:30</td>
<td>Keynote Lecture – Facial Plastics</td>
<td>MS 201 A/B</td>
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<td>Rhinoplasty: lessons from success and failure</td>
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<td>Chair: R. Xavier, Portugal</td>
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<td>C.-S. Rhee, Korea, Republic of</td>
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<td>11:00 – 11:30</td>
<td>Keynote Lecture – Head &amp; Neck</td>
<td>MS 213&amp;215</td>
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<td>Laryngotracheal reconstruction after the surgery of invasive thyroid cancer</td>
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<td>Chair: S. Hosal, Turkey</td>
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<td>Y.-S. Lin, Taiwan, Republic of</td>
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<td>11:00 – 11:30</td>
<td>Keynote Lecture – Phoniatrics</td>
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<td>Autoimmune diseases in connection with voice disorders</td>
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<td>Chair: K. Kalling, Estonia</td>
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<td>S. Duflo, France</td>
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<td>11:00 – 11:30</td>
<td>Keynote Lecture – Pediatrics</td>
<td>MS 313&amp;315</td>
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<td>Anterior skull base surgery in children</td>
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<td>V. Couloignez, France</td>
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<td>11:30 – 12:15</td>
<td>Instructional Course – Basic ENT</td>
<td>MS 202</td>
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<td>How to write a paper</td>
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<td>11:00 – 11:30</td>
<td>Keynote Lecture – General</td>
<td>MS 204</td>
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<td>Near misses in ENT-HNS</td>
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<td>Chair: U. Pedersen, Denmark</td>
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<td>J.E. Fenton, Ireland</td>
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<td>11:30 – 13:00</td>
<td>Round Table – Otology/Neurotology</td>
<td>Gold Hall</td>
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<td>Bone conduction implant or middle ear implant?</td>
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<td>Chair: H. Maier, Germany</td>
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<td>M. Profant, Slovakia</td>
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<td>N. Özgirgin, Turkey</td>
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11:30 – 13:00  Copper Hall

Round Table – Head & Neck
Update on oral cavity cancer

Chair: S. Hosal, Turkey
Moderator: L. Kowalski, Brazil

- RTS143
  R. de Bree, Netherlands
  3D preoperative planning for mandibular reconstruction
  D. Fliss, Israel

- RTS145
  A.Ö. Ikiz, Turkey

- RTS146
  L. Kowalski, Brazil

11:30 – 13:00  Silver Hall

Round Table – Rhinology
Rhinosinusitis – managing the complications

Chair: R. Tulabaev, Kazakhstan
Moderator: J. Anderson Eloy

- RTS125
  W. Fokkens, Netherlands
- RTS126
  C. Hopkins, United Kingdom
- RTS227
  V. Chrobok, Czech Republic
- RTS356
  S. Ozer, Turkey

11:30 – 13:00  Hall 100

Round Table – Otology/Neurotology
Lessons learned from the Moroccan Cochlear implantation program

Chair: A. Amrani, Morocco
Moderator: F. El Fehri, Morocco

- RTS74
- RTS75
- RTS77
  M.N. Alami, Morocco
  F. Benariba, Morocco

- RTS79
  R. Ghailan, Morocco
- RTS80
  A. Raji, Morocco

11:30 – 13:00  Hall 400

Round Table – Head & Neck
Robotic vs Laser surgery in transoral surgery

Chair: H. Korkmaz, Turkey
Moderator: S. van der Vorst, Belgium

- RTS129
  P. Ambrosch, Germany
- RTS131
  S. Lang, Germany
- RTS132
  G. Peretti, Italy
- RTS133
  C. Simon, Switzerland
- RTS135
  C. von Buchwald, Denmark
- RTS136
  Y. W. Koh, Korea, Republic of

11:30 – 13:00  The Arc

Round Table – Laryngology
Management of late toxicity after RCT for laryngeal cancer

Chair: I. Vilaseca, Spain
Moderator: R. Simo, United Kingdom

- RTS626
  A. Arora, United Kingdom
- RTS835
  M. Lei, United Kingdom
- RTS85
  B. Tijink, Netherlands
**11:30 – 13:00  MS 211&212**

**Round Table – Pediatrics**  
OSAS in children

Moderator: D. Vicheva, Bulgaria  
RTS105  
A. Cheng, Australia  
RTS106  
G.N. Frau, Italy  
RTS107  
S. Karpischenko, Russian Federation  
RTS108  
K. Stephenson, United Kingdom  
RTS109  
H. Ramadan, United States  
RTS111  
A. Wolf, Austria

**12:00 – 12:30  MS 311&312**

**Round Table – Salivary Gland**  
Everything you learned, applied to patients

12:00 – 12:30  
Case discussions with speakers from „Everything you need to know about sialendoscopy in one hour“  
J. Urbancic, Slovenia  
A. Anicin, Slovenia

**12:30 – 13:00  MS 311&312**

**Salivary Gland**  
FP Salivary Gland

12:30 – 12:38  
FPSG1-1  
The Milan system for reporting salivary gland cytopathology - proposed modifications to improve clinical utility  
Mazzola F.1,2, Gupta R.3,4, Luk P.3, Palme C.2,3, Clark J.2,3, Low T.-H.H.2,3  
1University of Genoa, Department of Otorhinolaryngology – Head and Neck Surgery, Genoa, Italy, 2Sydney Head and Neck Cancer Institute, Department of Head and Neck Surgery, Chris O'Brien Lifehouse, Sydney, Australia, 3Central Clinical School, University of Sydney, Sydney, Australia, 4Royal Prince Alfred Hospital, Department of Tissue Pathology and Diagnostic Oncology, Sydney, Australia

12:38 – 12:46  
FPSG1-2  
Using ultrasound in combination with Virtual Touch Imaging Quantification to predict the entity of a parotid tumor  
Jering M., Psychogios G., Rueger H., Zenk J. University Hospital Augsburg, Augsburg, Germany

12:46 – 12:54  
FPSG1-3  
Treatment and diagnosis of mycobacterial-related granulomatous infection in the major salivary gland: a single institution experience in Taiwan  
Chuang H.-C., Chien C.-Y., Huang C.-C.  
Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Otorhinolaryngology, Kaohsiung, Taiwan, Republic of China

**11:30 – 13:00  MS 201 A/B**

**Round Table – Skull Base**  
Anterior Skull Base Reconstruction

Chair: J. Constantinidis, Greece  
Moderator: P. Battaglia, Italy  
RTS16  
S. Beton, Cyprus  
RTS17  
M. Jurlina, Croatia  
RTS19  
M. Sicak, Slovakia  
RTS20  
T. Terzis, Greece

**11:30 – 13:00  MS 213&215**

**Round Table – General**  
AAO-HNS – New technologies and novel strategies in otolaryngology-HNS

Moderator: M. Suurna, United States  
Virtual and Augmented Reality in Skull Base Surgery  
I. El Sayed, United States  
Use of 3D printing technology in otology and otologic training  
P. Roehm, United States
New Hope for Anaplastic Thyroid Cancer in 2019
M. Zafereo, United States
Robotics, Technology, and Surgical Innovation: Evidence-based or Gadget-driven Hype?
C. Holsinger, United States
Personalized treatment: evolving trends in sleep surgery
M. Suurnä, United States

11:30 – 13:00 MS 214&216
Round Table – Phoniatrics
Voice assessment and outcome before and after phonosurgery – what should we be measuring?

Chair: A. Geneid, Finland
Moderator: A. Giovanni, France
RTS148
G. Campos, Colombia
RTS149
D. Costello, United Kingdom
RTS150
L. Crevier-Buchman, France
RTS153
C. Gorriz, Spain
RTS155
J. Thomas, United States

11:30 – 13:00 MS 313&315
Round Table – Otolaryngology/Neurotology
Novel hearing therapeutics; what does it mean for the ENT surgeon

Chair: S. Plontke, Germany
Moderator: A. Schilder, United Kingdom
11:30 – 11:35
Translating hearing discoveries & International Society of Inner Ear Therapeutics
A. Schilder, United Kingdom
11:35 – 11:45
Drug therapy development for inner ear diseases; common challenges and potential of circulating biomarkers
J. Dyhrfjeld-Johnsen, United Kingdom
11:45 – 11:55
Genetic screening of deafness & audioprofiling is fundamental to evaluation of inner ear therapy
R. Pennings, Netherlands
11:55 – 12:05
Strategies to develop genetic therapy for hereditary hearing loss
E. van Wyk, Netherlands
12:05 – 12:15
Cell-based inner ear therapeutics
A. Warnecke, Germany
12:15 – 12:25
Delivery of therapeutics to the inner ear
S. Plontke, Germany
12:25 – 12:35
Preparing for the adoption of novel hearing therapeutics in clinical practice
R. Mandavia, United Kingdom
12:35 – 13:00
Discussion

11:30 – 13:00 MS 204
Round Table – Laryngology
ALA – Management of pre-neoplastic to neoplastic lesions of the larynx: from diagnosis to rehabilitation

Moderator: M. Benninger, United States
Introduction
L. Sulica, United States
Endoscopic management of laryngeal carcinoma
P. Flint, United States
The role of partial laryngectomy in the age of chemo radiation therapy and endoscopic cancer resection
G. Har-El, United States
State-of-the-art imaging and office diagnosis in evaluation and staging
K. Kost, Canada
Office-based management of the lesion of uncertain significance
M. Pitman, United States
Case Presentations
P. Woo, United States
Surgical rehabilitation of voice and swallow function after cancer surgery.
M. Benninger, United States

12:15 – 13:00 MS 202
Instructional Course – Basic ENT
UEMS – ORL Clinical pearls: referred otalgia

BTS359
D. Smyth, Ireland
BTS385
J.E. Fenton, Ireland

14:30 – 15:00 Silver Hall
Keynote Lecture – Rhinology
Allergic rhinitis – 21st century approach to management
Chair: M. Bernal, Sprekelsen
Future of Rhinology: improvement and prediction of outcomes
P. Hellings, Belgium

14:30 – 15:00 Hall 100
Keynote Lecture – Otology/Neurotology
Attic cholesteatoma: tips and tricks
Chair: N. Arsovics, Serbia
KLS7
N. Arsovics, Serbia

14:30 – 15:00 Gold Hall
Keynote Lecture – Otology/Neurotology
Outcome parameters of hearing results after ear surgery
Chair: M. Profant, Slovakia
KLS39
S. Plontke, Germany

14:30 – 15:00 Copper Hall
Keynote Lecture – Head & Neck
Transoral ultrasound-guided surgery
Chair: L. Tamas, Hungary
KLS53
M. Fernandez, Spain

14:30 – 15:00 Silver Hall
Keynote Lecture – Rhinology
Allergic rhinitis – 21st century approach to management
Chair: M. Bernal, Sprekelsen
Future of Rhinology: improvement and prediction of outcomes
P. Hellings, Belgium

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Attic cholesteatoma: tips and tricks
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14:30 – 15:00 Gold Hall
Keynote Lecture – Otology/Neurotology
Outcome parameters of hearing results after ear surgery
Chair: M. Profant, Slovakia
KLS39
S. Plontke, Germany

14:30 – 15:00 Copper Hall
Keynote Lecture – Head & Neck
Transoral ultrasound-guided surgery
Chair: L. Tamas, Hungary
KLS53
M. Fernandez, Spain
### Keynote Lecture – Pediatrics

Challenges in sleep apnoea in children < 2 years

Chair: H. Ramadan, United States  
KLS10  
A. Boudewyns, Belgium

### Keynote Lecture – Salivary Gland

Chronic Sialadenitis & minimally invasive treatment efficacy assessment

Chair: C. Cenjor, Spain

14:30 – 14:40  
MRI of chronic salivary gland disorders  
R. Hermans, Belgium

14:40 – 14:50  
Sjögren and IgG4  
J. Seebach, Switzerland

14:50 – 15:00  
Radio-iodine and the salivary gland  
S. Buchholzer, Switzerland

15:00 – 15:10  
Juvenile Recurrent Parotitis  
F. Faure, France

15:10 – 15:20  
Subjective and objective measurements of saliva in chronic sialadenitis  
S. Buchholzer, Switzerland

15:20 – 15:30  
Xerostomia: Prevention and medical treatment  
P. Strojan, Slovenia

15:30 – 15:40  
Papillary strictures and treatments  
J.M. Lopez, France

15:40 – 15:50  
Chronic sialadenitis: surgical treatment  
F. Marchal, Switzerland

### Round Table – Salivary Gland

ESGS questionnaire

RTS58  
S. Buchholzer, Switzerland  
RTS59  
F. Faure, France  
RTS60  
J. Urbancic, Slovenia

### Skull Base

Pediatric skull base

Chair: T. Baudoin, Croatia

KLS42  
D. Fliss, Israel

### Laryngology

External surgery for laryngeal cancer: tips, tricks and pitfalls

Chair: M. Stanković, Serbia

RKS246  
M. Stanković, Serbia  
RKS245  
R. Jović, Serbia

### Phoniatrics

Phoniatrics and Genetics

Chair: H. Oguz, Turkey

KLS43  
A. Am Zehnhoff Dinnesen, Germany

### Pediatrics

Nasal obstruction in children?

Chair: A. de Rowe, Israel

KLS254  
S. Parikh, United States
14:30 – 15:00  MS 314&316

Facial Plastics
Facelift surgery: are we reflective and modest enough about what we teach?

KLS28
C. Wever, Netherlands

14:30 – 15:00  MS 204

Laryngology
Vocal fold scars – today and tomorrow

Chair: E. Sjögren, Netherlands
KLS55
A. Giovanni, France

14:30 – 15:00  MS 202

Basic ENT
The analysis of a dizzy patient: how I do it

14:30 – 15:00  KLS50
R. Van de Berg, Netherlands

15:00 – 16:30  Gold Hall

Free Paper – Otology/Neurotology
Otospongiosis and facial nerve

Chairs: D. Marchioni, Italy; S. Sinkkonen, Finland
15:00 – 15:08  FP01-1
Correlations between CT scan findings and hearing thresholds in otosclerosis
Ardahoui H., Abada R., Halily S., Rouadi S., Roubal M., Mahtar M.
HASSAN II University - Faculty of Medicine, ENT - HNS Department- IBN ROCHD Teaching Hospital, Casablanca, Morocco

15:08 – 15:16  FP01-2
Chotic remodeling in bony cellular voids: the origin of otosclerosis
Hansen L.J., Bloch S., Frisch T., Sørensen M.S.
Rigshospitalet-Copenhagen University Hospital, Otorhinolaryngology, Head and Neck Surgery & Audiology, Copenhagen, Denmark

15:16 – 15:24  FP01-3
Atraumatic laser stapes surgery using a new flexible fiber delivery system
Lang S., Arnold J., Mathies S., Anweiler-Harbeck D.
University Duisburg-Essen, Otorhinolaryngology, Essen, Germany

15:24 – 15:32  FP01-4
Clinically important change in tinnitus sensation after stapedotomy
Skarzynski H., Gos E., Dziendziel B., Raki Kaciak D., Wlodarczyk E., Dabkowska A., Tomanek E., Skarzynski P.
1. Institute of Physiology and Pathology of Hearing, World Hearing Center, Warsaw, Poland; 2. Medical University of Warsaw, Department of Heart Failure and Cardiac Rehabilitation, Warsaw, Poland; 3. Institute of Sensory Organs, Kajetany, Poland

15:32 – 15:40  FP01-5
Effects of piston diameter on functional outcome of stapes surgery
Carballo Lahoz L., Merán Gil J., Yuen Ato K.C., Meler Claramonte C., Domenech Vadillo E., Cardenas Escalante M.P., Figuerola Massana E.
Hospital Universitario Joan XXIII de Tarragona, Otorrinolaringología, Tarragona, Spain

15:40 – 15:48  FP01-6
Stapedectomy results in tympanosclerosis with fixed stapes footplate
Yıldırım N., Topuz M.F., Akbal S.
1. Kütahya Medical Science University (KSBU), Medical Faculty, ORL HNS, Kütahya, Turkey; 2. KSBU Evliya Çelebi Eğitim ve Araştırma Hastanesi-Ek Bina, KBB (ENT), Kütahya, Turkey; 3. KSBU Medical Faculty, ORL HNS, Evliya Çelebi Eğitim ve Araştırma Hastanesi - Ek Bina, Turkey

15:48 – 15:56  FP01-8
Prospective study of the management and evolution of facial paralysis secondary to temporal bone fracture
Zouhair N., Chaouki A., Abada R.L., Rouadi S., Roubal M., Mahtar M.
University Hospital of 20 August, Department of ENT, Casablanca, Morocco
**FP01-9**

“Peel off” modification of the technique of anterior rerouting of facial nerve in the infratemporal approach type A

Chovanec M.1, Profant O.1, Guha A.1, Trnkova K.1, Verespejova L.1, Betka J.2, Zverina E.2, Skrivan J.3, Charvat F.4, Netuka D.5

1Charles University Prague, 3rd Medical Faculty, University Hospital Kralovske Vinohrady, Dep. of Otorhinolaryngology, Prague, Czech Republic, 2Charles University Prague, 1st Medical Faculty, University Hospital Motol, Dep. of Otorhinolaryngology and Head and Neck Surgery, Prague, Czech Republic, 3Charles University Prague, 2nd Medical Faculty, University Hospital Motol, Ear, Nose and Throat Dep., Prague, Czech Republic, 4Charles University Prague, Central Military University Hospital Stresovice, Dept. of Radiology, Prague, Czech Republic, 5Charles University Prague, 5th Medical Faculty, Central Military University Hospital Stresovice, Dep. of Neurosurgery and Neurooncology, Prague, Czech Republic

**FP01-10**

Effects of incus dimension in stapedectomy surgery

Kacker S.

Delhi ENT Hospital & Research Centre, Surgery, New Delhi, India

**FP01-11**

Otoprotective function of statins

Prayuenyong P.1,2,3, Kasbekar A.V.1,4

Baguley D.M.1,2,4

1University of Nottingham, Hearing Sciences, Division of Clinical Neuroscience, School of Medicine, Nottingham, United Kingdom, 2NIHR Nottingham Biomedical Research Centre, Nottingham, United Kingdom, 3Prince of Songkla University, Department of Otorhinolaryngology Head and Neck Surgery, Faculty of Medicine, Songkhla, Thailand, 4Nottingham University Hospitals NHS Trust, Nottingham, United Kingdom

**FP02-9**

Free flaps outcomes for oral cancer reconstruction in ‘older old’ patients: a multicentric study

Grammatica A.1, Piazza C.2, Pellini R.3, Montalto N.1, Vural A.4, Barbara F.5, Ferrari M.1, Lancini D.1, Nicolai P.1

1University of Brescia, Otorhinolaryngology, Head and Neck Surgery, Brescia, Italy, 2National Cancer Institute, Otorhinolaryngology, Head and Neck Surgery, Milan, Italy, 3National Cancer Institute, Regina Elena, Otorhinolaryngology, Head and Neck Surgery, Rome, Italy, 4University of Erciyes, Otorhinolaryngology, Kayseri, Turkey, 5University of Bari, Otorhinolaryngology, Head and Neck Surgery, Bari, Italy

**FP02-1**

Craniofacial tumors: the operation and reconstruction


P. Herzen Moscow Oncology Research Institute, Moscow, Russian Federation

**FP02-2**

Algorithm of choice of visceral free flaps in case of hypopharyngeal reconstruction

Ratushny M., Polyakov A., Matorin O., Mordovskiy A.

P. Herzen Moscow Oncology Research Institute, Moscow, Russian Federation

**FP02-3**

“Side door”-temporoparietal fascia flap: a novel strategy for anterior skull base reconstruction

Vural A.1,2, Ferrari M.1, Deganello A.1, Rampinelli V.1, Schreiber A.1, Mattavelli D.1, Tomasoni M.1, Gualtieri T.1, Taboni S.1, Bertazzoni G.1, Buffoli B.1, Doglietto F.3, Nicolai P.1

1University of Brescia, Otorhinolaryngology, Brescia, Italy, 2Erciyes University, Otorhinolaryngology, Kayseri, Turkey, 3University of Brescia, Anatomy, Brescia, Italy, 4University of Brescia, Neurosurgery, Brescia, Italy
15:32 – 15:40
FP02-4
Reconstruction of upper digestive tract with autologous bioengineering flaps
Polyakov A.1, Rebrikova I.1, Rogovay O.2, Ratushny M.1, Mordovskiy A.1, Matorin O.1, Filyshin M.1, Sugaipov A.1
1P. Herzen Moscow Oncology Research Institute, Moscow, Russian Federation, 2Koltzov Institute of Developmental Biology of Russian Academy of Sciences, Moscow, Russian Federation

15:40 – 15:48
FP02-5
A multidisciplinary approach to the rehabilitation of patients with laryngopharyngeal and esophageal tumors
Polyakov A., Ratushny M., Matorin O., Rebrikova I., Filyshin M., Sugaipov A., Mordovskiy A.
P. Herzen Moscow Oncology Research Institute, Moscow, Russian Federation

15:48 – 15:56
FP02-6
Versatility and reliability of the supraclavicular artery island flap in salvage head and neck surgery
de Mones E., Legrenzi P., Castetbon V.
CHU de Bordeaux, Bordeaux, France

15:56 – 16:04
FP02-7
Free flaps usage in children with head and neck tumors - 31 clinical cases
Grachev N.S.1, Babaskina N.V.1, Vorozhcov I.N.1, Markov N.M.1, Tereshuk S.V.2
1D. Rogachev National Research Center of Pediatric Hematology, Oncology, and Immunology, Pediatric Surgery and Oncology, Moscow, Russian Federation, 2Main Military Clinical Hospital named after Academician N. N. Burdenko, Moscow, Russian Federation

16:04 – 16:12
FP02-8
Our experience with supraclavicular artery island flap in head and neck reconstructions
Szöcs M.1, Gál R.2, Szilágyi E.2, Balázs A.1
1University of Medicine, Pharmacy, Sciences and Technology of Târgu Mures, E.N.T. Department, Tîrgu Mures, Romania, 2Clinical Emergency County Hospital, E.N.T. Department, Tîrgu Mures, Romania

16:12 – 16:20
FP02-10
The new TNM classification of oral squamous cell carcinoma: what is gained, lost and missing
Ferrari M., Mattavelli D., Del Bon F., Taboni S., Morello R., Lombardi D., Deganello A., Nicolai P.
University of Brescia, Unit of Otorhinolaryngology - Head and Neck Surgery, Brescia, Italy
15:24 – 15:32
FP03-5
Anterior maxillary wall and lacrimal duct relationship in Orientals - CT analysis for prelacrimal access to the maxillary sinus
Lock P.1, Siow G.2, Karandikar A.3, Goh J.P.N.3, Siow J.K.4
1Tan Tock Seng Hospital, Singapore, Singapore,
2University of Adelaide, Discipline of Medicine, Adelaide, Australia, 3Tan Tock Seng Hospital, Radiology, Singapore, Singapore, 4Tan Tock Seng Hospital, Otorhinolaryngology, Singapore, Singapore

15:32 – 15:40
FP03-6
The importance of interposition graft in nasal septal perforation repair: not just another brick in the wall
Marques J.1,2, Órfão T.1,2, Mendes Leal M.1,2, Santos M.1
1Centro Hospitalar Universitário São João, Otorhinolaryngology, Porto, Portugal, 2Faculty of Medicine, University of Porto, Department of Surgery and Physiology - Otorhinolaryngology, Porto, Portugal

15:40 – 15:48
FP03-7
Determination of risk factors for failure in endoscopic frontal sinus surgery DRAF II and III: a retrospective study of 82 cases
Alharbi A., Champel S., Kérimian M., de Gabory L.
Bordeaux University Hospital, Otorhinolaryngology - Head and Neck Surgery, Bordeaux, France

15:48 – 15:56
FP03-8
Evolution of the graded repair of CSF leaks and skull-based defect in transphenoidal approaches of the sellar region: experience of the UC hospital of Chile
Correa D.1, Rosenbaum A.1, Villanueva P.1, Callejas C.1
1Pontificia Universidad Católica de Chile, Otorrinolaringología, Santiago, Chile, 2Pontificia Universidad Católica de Chile, Neurocirugía, Santiago, Chile

15:56 – 16:04
FP03-9
The role of endoscopic Denker’s approach in the management of giant Juvenile Nasopharyngeal Angiofibroma with anterolateral extension
Sarafidou A., Xanthou I., Dinaki K., Petrou I., Karkos P., Tsinaslanidou Z., Constantinidis J.
Aristotle University of Thessaloniki, 1st Academic ORL Department, Thessaloniki, Greece

15:00 – 15:08
Free Paper – Otology/Neurotology
Cochlear implants
Chairs: T. Lenarz, Germany; P. van de Heyning, Belgium

15:08 – 15:16
FP04-1
Force and pressure measurements in temporal bones
Snels C.1, Roland J.T.2, Treaba C.2, Jethanamset D.2, Dhooge I.1, Mylanus E.1
1University Ghent, Otorhinolaryngology, Ghent, Belgium, 2New York University School of Medicine, Otolaryngology-Head and Neck Surgery, New York, United States, 3Radboud University Medical Center, Otorhinolaryngology, Nijmegen, Netherlands

15:16 – 15:24
FP04-2
Assessment of angular insertion-depth of bilateral cochlear implants using plain X-ray scans
Zavyd O.1, Sokolov M.2,3, Raveh E.2,3, Ulanovski D.2,3, Attias Y.3, Hilly O.1,2,3
1Robin Medical Center, Department of Otolaryngology, Head & Neck Surgery, Petach Tikva, Israel, 2Schneider Children’s Medical Center of Israel and Rabin Medical Center, Cochlear Implant Program, Petach Tikva, Israel, 3Tel Aviv University, Sackler Faculty of Medicine, Tel Aviv, Israel, 4Haifa University, Communications Disorder Program, Haifa, Israel

15:16 – 15:24
FP04-3
Otoplan: An effective measurement modality to determine cochlear duct length
Jia H.1,2,3, Chen Y.1,2,3, Tan H.1,2,3, Chen J.1,2,3, Li Y.1,2,3, Wu H.1,2,3
1Shanghai Ninth People’s Hospital, Shanghai Jiaotong University School of Medicine, Shanghai, China, 2Ear Institute, Shanghai Jiaotong University School of Medicine, Shanghai, China, 3Shanghai Key Laboratory of Translational Medicine on Ear and Nose Diseases, Shanghai, China
15:24 – 15:32
FP04-4
Is subtotal petrosectomy indicated in difficult cases of cochlear implantation?
Grinblat G.1,2, Vlad D.2, Sanna M.2
1Hillel Yaffe Hospital, Hadera, Affiliated to the Technion University Haifa, Hadera, Israel, 2Gruppo Otologico, Piacenza-Rome, Piacenza, Italy

15:32 – 15:40
FP04-5
Comparison between last manual MAP and first FOX MAP
Wathour J.1, Govaerts P.2, Deggouj N.1
1Centre d’Audiophonologie des Cliniques Universitaires St-Luc - UCLouvain, Bruxelles, Belgium, 2Eargroup, Anvers, Belgium

15:40 – 15:48
FP04-7
Vestibular function tests in children before and after cochlear implantation
Widdershoven J.1,2, Hof J.1, van de Berg R.1, Kingma H.1
1Maastricht University Medical Center, Otorhinolaryngology, Maastricht, Netherlands, 2Antwerp University Hospital, Otorhinolaryngology, Antwerp, Belgium

15:45 – 15:56
FP04-8
Assessment of music perception abilities for pediatric cochlear implant users and normal hearing children with attention to the best performers
Lesinskas E.1,2, Vaitkūnaitė D.2, Byčkova J.3, Vainutienė V.2
1Faculty of Medicine Vilnius University, Clinic of Ear, Nose, Throat and Eye Diseases, Vilnius, Lithuania, 2Vilnius University Hospital Santaros Clinics, Centre of Ear, Nose and Throat, Vilnius, Lithuania, 3Children’s Hospital, Affiliate of Vilnius University Hospital Santaros Klinikos, Children’s Otolaryngology and Ophthalmology Department, Vilnius, Lithuania

15:56 – 16:06
FP04-10
Cochlear implantation outcomes in cases of cochlear malformations
Diab K., Daikhes N., Kondratchikov D., Pashchinina O., Yusifov K., Mikhailевич A.
Federal Scientific-Clinical Center of Otorhinolaryngology, Otology, Moscow, Russian Federation
15:32 – 15:40
FP05-5
Transoral robotic surgery for squamous cell carcinoma of the oropharynx. Outcomes of the first multicentric series in Spain
Virós Porcuna D,1, Granell Navarro J,2, Rama Perez J,3, Pollán Guisasola C,1, Til Perez G,3, Viña Soria C,1, Tomás Barberán M,1, Gutierrez Fonseca R.2
1Hospital Universitari Germans Trias i Pujol, Badalona, Spain, 2Hospital Rey Juan Carlos, Madrid, Spain, 3Hospital Son Espases, Mallorca, Spain

15:40 – 15:48
FP05-6
Feasibility and safety of robotic parotidectomy using modified facelift approach
Kang M.S,1, Park Y.M,1, Kim D.H,1,2, Kim S.-H,1, Choi E.C,1, Koh Y.W.1
1Yonsei University, Seoul, Korea, Republic of, 2University Seoul, Seoul, Korea, Republic of

15:48 – 15:56
FP05-7
Establishment of indications and operative techniques of robotic head & neck surgery for head & neck and thyroid tumor
Yonsei University, Seoul, Korea, Republic of

15:56 – 16:04
FP05-8
Transoral robotic-assisted reconstructive surgery for oropharyngeal cancer
Viña Soria C,1, Pollán Guisasola C,1, Pardo Muñoz L,1, Carrasco López C,2, Palau Viarnès M,1, Virós Porcuna D.1
1Hospital Germans Trias i Pujol, ENT Head and Neck Surgery, Badalona, Spain, 2Hospital Germans Trias i Pujol, Plastic and Reconstructive Surgery, Badalona, Spain

16:04 – 16:12
FP05-9
Transoral robotic surgery and geriatric population: which benefit?
Hassid S., Van Der Vorst S., Delahaut G., Lawson G.
CHU UCL Namur, ENT, Namur Godinne, Belgium

16:12 – 16:20
FP05-10
Extended endoscopic approach for lesions of the clivus. Technique and results
Rebeiz E.
Tufts University school of Medicine, Boston, United States

16:20 – 16:28
FP05-11
Compartmental surgery for oral tongue/floor of mouth cancer: objective functional outcomes
Grammatica A,1, Piazza C,2, Montalto N,1, Frittoli B,3, Mazza M,4, Paderno A,1, Lancini D,1, Del Bon F,1, Nicolai P.1
1University of Brescia, Otorhinolaryngology, Head and Neck Surgery, Brescia, Italy, 2National Cancer Institute, Milan, Otorhinolaryngology, Head and Neck Surgery, Milan, Italy, 3University of Brescia, Radiology, Brescia, Italy, 4University of Brescia, Physical Medicine and Rehabilitation, Brescia, Italy
15:24 – 15:32
FP06-5
Spontaneous reinnervation in unilateral vocal fold paralysis
Fang T.-J.1,2, Pei Y.-C.3
1Chang Gung Memorial Hospital, Otolaryngology Head and Neck Surgery, Taipei, Taiwan, Republic of China, 2Chang Gung University, College of Medicine, Taoyuan, Taiwan, Republic of China, 3Chang Gung Memorial Hospital, Department of Rehabilitation Medicine, Taoyuan, Taiwan, Republic of China

15:32 – 15:40
FP06-6
Post-thyroidectomy voice problems are frequent in patients with goiter and impact quality of life
Sørensen J.R.1, Printz T.1, Iwarsson J.2, Grøntved Å.M.1, Døssing H.1, Hegedüs L.3, Bonnema S.J.3, Godballe C.1, Mehlum C.S.1
1Odense University Hospital, Department of Otolaryngology Head & Neck Surgery and Audiology, Odense C, Denmark, 2Copenhagen University, Department of Scandinavian Studies and Linguistics, Copenhagen, Denmark, 3Odense University Hospital, Department of Endocrinology and Metabolism, Odense C, Denmark

15:40 – 15:48
FP06-7
Isolated recovery of adductor muscle function after recurrent laryngeal nerve injuries - its importance in the treatment of bilateral vocal cord paralysis
Bach Á.1, Sztanó B.1, Matievics V.1, Bere Z.1, Volk F.2, Müller A.3, Förster G.3, Castellanos P.F.4, Rovó L.1
1University of Szeged, Department of Otorhinolaryngology and Head & Neck Surgery, Szeged, Hungary, 2Jena University Hospital, Department of Otorhinolaryngology, Jena, Germany, 3SHR Wald-Klinikum Gera, Department of Otorhinolaryngology, Gera, Germany, 4The Northern Light Health Medical Center, Bangor, United States

15:48 – 15:56
FP06-8
Botulinum toxin injection in bilateral vocal fold immobility
Abdelwakil Ibrahim R.1, Farghaly S.2, Modather M.3
1Assiut University, Unit of Phoniatrics, Otorhinolaryngology Department, Assiut, Egypt, 2Assiut University, Chest Department, Assiut, Egypt, 3Assiut University, Otorhinolaryngology Department, Assiut, Egypt

15:56 – 16:04
FP06-10
Adductor spasmodic dysphonia: botulinum toxin A injections or laser thyroarytenoid myoneurectomy?
Schuering J., Heijnen B.J., Sjögren E.V., Langeveld A.P.M., Leiden University Medical Center, Department of Otolaryngology-Head and Neck Surgery, Leiden, Netherlands

15:00 – 16:30
Hall 300
Free Paper – Head & Neck
Miscellaneous H&N

15:00 – 15:08
FP07-1
Low-dose lenvatinib administration for elderly patients with advanced thyroid cancer
Ozawa H., Sekimizu M., Nakahara N., Saito S., Nakamura S., Ogawa K., Keio University School of Medicine, Otolaryngology, Head and Neck Surgery, Tokyo, Japan

15:08 – 15:16
FP07-2
Accuracy of preoperative imaging in evaluating the extent of disease before salvage laryngectomy
Rozenblat T.1, Tzelnick S.1,2, Mizrachi A.1,2, Hamzany Y.1,2
1Rabin Medical Center, Department of Otolaryngology Head and Neck Surgery, Petah Tikva, Israel, 2Sackler Faculty of Medicine, Tel Aviv, Israel

15:16 – 15:24
FP07-4
Unresectable differentiated thyroid carcinoma. Treatment with radiotherapy and salvage surgery
Carrillo J.1, Oñate-Ocaña L.F.2, Vazquez-Romo R.2, Ramirez-Ortega M.D.C.3, Maldonado F.4, Carrillo L.C.1
1Instituto Nacional de Cancerologia, Head and Neck, Mexico, Mexico, 2Instituto Nacional de Cancerologia, Division of Surgery, Mexico, Mexico, 3Instituto Nacional de Cardiologia Ignacio Chavez, Pharmacology, Mexico, Mexico, 4Instituto Nacional de Cancerologia, Division of Radiation Oncology, Mexico, Mexico
15:24 – 15:32
FP07-6
Oncologic outcomes depending on nodal resectability and therapeutic strategy in T0-2 N3 head and neck squamous cell carcinomas (HNSCC)
Carsuzaa F.1, Thariat J.2, Gorphe P.3, Righini C.4, Cosmidis A.5, Thureau S.6, De Mones del Pujol E.7, Servagi-Vernat V.8, Tonnerre D.9, Morinière S.10, Dugas A.11, Malard O.12, Vergez S.13, Salleron J.14, Dufour X.9
1CHU de Poitiers, Service ORL, Chirurgie Cervico-maxillo-Faciale et Audiophonologie, Poitiers, France, 2Centre François Baclesse / ARCHADE, Radiotherapy, Caen, France, 3Gustave Roussy Institut, Department of Head and Neck Oncology, Villejuif, France, 4CHU de Grenoble, Head and Neck Surgery, Grenoble, France, 5CHU de Lyon, Head and Neck Surgery, Lyon, France, 6Centre Henri Becquerel, Radiotherapy, Rouen, France, 7CHU de Bordeaux, Head and Neck Surgery, Bordeaux, France, 8Centre Jean Godinot, Radiotherapy, Reims, France, 9CHU de Poitiers, Head and Neck Surgery, Poitiers, France, 10Centre Henri Becquerel, Radiotherapy, Rouen, France, 11University Hospital Bordeaux, Head and Neck Surgery, Bordeaux, France, 12University Hospital Lyon, Head and Neck Surgery, Lyon, France, 13Centre Henri Becquerel, Radiotherapy, Reims, France, 14University Hospital Tours, Head and Neck Surgery, Tours, France, 15University Hospital Caen, Head and Neck Surgery, Caen, France, 16University Hospital Nantes, Head and Neck Surgery, Nantes, France, 17Institut Universitaire du Cancer de Toulouse Oncopole - CHU de Toulouse, Head and Neck Surgery, Toulouse, France, 18Institut Universitaire du Cancer de Toulouse Oncopole - CHU de Toulouse, Head and Neck Surgery, Toulouse, France, 19Institut de Cancérologie de Lorraine, Biostatistic, Nancy, France, 20Centre François Baclesse / ARCHADE, Radiotherapy, Caen, France

15:32 – 15:40
FP07-7
Efficacy of continuous local anaesthetic wound infusion to reduce acute postoperative pain after neck dissection in patients with head and neck cancer
Gostian A.1, Balk M.1, Albert C.2, Loeser J.2, Gostian M.2
1FAU University of Erlangen – Nuremberg, Department of Otolaryngology Head & Neck Surgery, Erlangen, Germany, 2University Hospital of Cologne, Department of Anesthesiology and Intensive Care Medicine, Cologne, Germany

15:40 – 15:48
FP07-8
Swallowing disorders after treatment for head and neck cancer
Hocevar-Boltezar I.1, Pezdirec M.2, Strojan P.3
1University Medical Centre, University Department of ORL & HNS, Ljubljana, Slovenia, 2University of Ljubljana, Faculty of Medicine, Ljubljana, Slovenia, 3Institute of Oncology, Ljubljana, Slovenia

15:48 – 15:56
FP07-9
Management of cervical unknown primary squamous cell carcinoma: a multicentric study
1University Hospital Poitiers, Head and Neck Surgery, Poitiers, France, 2Gustave Roussy Institut, Head and Neck Oncology, Villejuif, France, 3University Hospital Grenoble, Grenoble, France, 4University Hospital Lyon, Head and Neck Surgery, Lyon, France, 5Centre Henri Becquerel, Radiotherapy, Rouen, France, 6Centre Jean Godinot, Radiotherapy, Reims, France, 7CHU de Bordeaux, Head and Neck Surgery, Bordeaux, France, 8Centre Jean Godinot, Radiotherapy, Reims, France, 9University Hospital Tours, Head and Neck Surgery, Tours, France, 10University Hospital Caen, Head and Neck Surgery, Caen, France, 11University Hospital Nantes, Head and Neck Surgery, Nantes, France, 12Institut Universitaire du Cancer de Toulouse Oncopole - CHU de Toulouse, Head and Neck Surgery, Toulouse, France, 13Institut de Cancérologie de Lorraine, Biostatistic, Nancy, France, 14Centre François Baclesse / ARCHADE, Radiotherapy, Caen, France

15:56 – 16:04
FP07-10
Management of primary tracheal tumors
Petrou I., Xanthou I., Sarafidou A., Tsinasianidou Z., Printza A., Constantinidis J.
1st Academic ORL Department, AHEPA Hospital, Aristotle University of Thessaloniki, Otorhinolaryngology, Thessaloniki, Greece

16:04 – 16:12
FP07-11
Simplifying abnormal vessels of the nasopharynx on narrow band imaging to a binary option for detecting carcinoma - is this novel classification useful and pragmatic?
Vlantis A., Chan J., Wong E., Tong M.
Chinese University of Hong Kong, Otorhinolaryngology, Head and Neck Surgery, Shatin, Hong Kong
15:00 – 16:30 MS 211&212

**Free Paper – Pediatrics**

**Pediatric: Hearing & Vestibular disorder**

Chair: T. Marom, Israel; A. Schinder, United Kingdom

15:00 – 15:08

FP08-1

Bleeding and Hearing: are hemorrhagic disorders related to hearing impairment in children?

Costa J., Soares T., Bebiano Coutinho M., Almeida e Sousa C.

University Hospital Center of Porto, Otorhinolaryngology Department and Cervico-Facial Surgery, Porto, Portugal

15:08 – 15:16

FP08-2

Etiology of permanent hearing loss in newborns who failed the universal neonatal hearing screening (UNHS) at the well-baby clinic. Twenty years of experience

Bouwewyns A.1, van den Ende J.2, Declau F.3, Wuyts W.2, Sommen M.2, Van Camp G.2, Heyndrickx K.1, Hofkens A.1, Stappaerts L.4, Van de Heyning P.1

1. University of Antwerp, Department of Otorhinolaryngology, Head and Neck Surgery, Edegem, Belgium
2. University of Antwerp, Department of Medical Genetics, Edegem, Belgium
3. Ghent University, Department of Otorhinolaryngology, Head and Neck Surgery, Antwerp, Belgium
4. Ghent University, Department of Head and Skin, Ghent, Belgium

15:16 – 15:24

FP08-3

Vestibular function in children with congenital cytomegalovirus infection: results of 2.5 years of follow-up

Dhondt C.1, Maes L.2,3, Martens S.2, Rombaut L.3, Vanaudenaerde S.2, Van Hoecke H.1, De Leenheer E.1, Dhooge I.1,3

1. Ghent University, Department of Otorhinolaryngology, Ghent, Belgium
2. Ghent University, Department of Rehabilitation Sciences, Ghent, Belgium
3. Ghent University, Department of Head and Skin, Ghent, Belgium

15:24 – 15:32

FP08-4

Feasibility of extensive vestibular assessment in young children: recommendations for clinical practice

Maes L.1, Dhooge I., Dhondt C.2

1. Ghent University, Department of Otorhinolaryngology, Ghent, Belgium
2. Ghent University, Department of Head and Skin, Ghent, Belgium

15:32 – 15:40

FP08-6

Vestibular function in children with neurodevelopmental disorders: a systematic review

Van Hecke P.1, Danneels M.1, Dhooe I.1,2, Van Waelvelde H.1, Wiersema J.R.1, Deconinck F.J.A.1, Maes L.1,2

1. Ghent University, Department of Rehabilitation Sciences, Ghent, Belgium
2. Ghent University, Department of Otorhinolaryngology, Ghent, Belgium
3. Ghent University, Department of Head and Skin, Ghent, Belgium

15:40 – 15:48

FP08-7

Hearing loss in children with a congenital cytomegalovirus infection: a single centre experience

Foulon I.

UZ Brussel-VUB, ENT, Jette, Belgium

15:48 – 15:56

FP08-8

Auditory brainstem response in preterm infants in the neonatal intensive care unit

Raposo D., Orfão J., Menezes Peres M., Trindade Soares M., Guimarães A., Freire F.

Hospital Prof. Doutor Fernando Fonseca, Department of Otorhinolaryngology, Lisbon, Portugal

15:56 – 16:04

FP08-9

Risk factors of tinnitus development in adolescents

Rhee J.1, Park M.K.2

1. Veterans Health Service Medical Center, Department of Otorhinolaryngology-Head and Neck Surgery, Seoul, Korea, Republic of
2. Seoul National University College of Medicine, Department of Otorhinolaryngology-Head and Neck Surgery, Seoul, Korea, Republic of

16:04 – 16:12

FP08-10

Congenital cytomegalovirus-associated hearing loss: can brain imaging predict hearing outcome?

Dhooe I.1, Keymeulen A.3, De Leenheer E.1,2, Van Hoecke H.1, Dhondt C., Acke F.3, Craeghs L.2

1. Ghent University, Department of Otorhinolaryngology, Ghent, Belgium
2. Ghent University, Department of Head and Skin, Ghent, Belgium
3. Ghent University, Department of Otorhinolaryngology, Ghent, Belgium
16:12 – 16:20
FP08-11
Vestibular Infant Screening-Flanders (VIS-Flanders): Part 1: Implementation and rationale of a standard vestibular screening protocol for hearing-impaired children in Flanders
Maes L.1, Martens S.2, Dhondt C.2, Sucaet M.2, Vanaudenaerde S.3, Rombaut L.3, Dhooge I.1
1Ghent University & Ghent University Hospital, Ghent, Belgium, 2Ghent University, Ghent, Belgium, 3Ghent University Hospital, Ghent, Belgium

16:20 – 16:28
FP08-5
Hearing and language evaluation in prelingually deaf children after cochlear implantation
Ardhaoui H., Abada R., Choukry K., Rouadi S., Roubal M., Mahtar M.
Hassan II University - Faculty of Medicine, ENT - HNS Department- IBN ROCHD Teaching Hospital, Casablanca, Morocco

15:00 – 16:30 MS 201 A/B
Free Paper – Rhinology
Allergy and basic science
Chair: C. Ahlström Emanuelsson, Sweden
15:00 – 15:08
FP10-1
Comparison of nasal nebulizer and spray in the delivery of topical agents to the nasal cavities
Moffa A.1, Costantino A.2, Rinaldi V.2, Cassano M.1, Casale M.2
1University of Foggia, Unit of Otolaryngology, Foggia, Italy, 2University of Campus Biomedico, Unit of Otolaryngology, Rome, Italy

15:16 – 15:24
FP10-3
Transcription factors gene expression in chronic rhinosinusitis with and without nasal polyps
Soklic T.K.1, Rijavec M.2, Silar M.2, Koren A.2, Kern I.2, Hocevar-Boltezar I., Korosec P.2
1University Medical Centre, Dept. for Otorhinolaryngology & Head and Neck Surgery, Ljubljana, Slovenia, 2University Clinic of Respiratory and Allergic Diseases, Golnik, Slovenia

15:24 – 15:32
FP10-4
Prospective analysis of a Rhinology Virtual Clinic demonstrating that it is cost effective and safe
Ferguson M., Monaghan H., Rennie C., Saleh H.
Imperial College Healthcare NHS Trust, ENT, London, United Kingdom

15:32 – 15:40
FP10-5
Chronic rhinosinusitis in agammaglobulinemia and hyper-IgM syndrome
Simon F.1, Quesnel S.1, Mahlaoui N.2,3, Denoyelle F.1, Leboulianger N.1, Coulignon V.1, Fischer A.2,3,4
1Hôpital Necker-Enfants Malades - Paris Descartes University, Pediatric Otolaryngology, Paris, France, 2Hôpital Necker-Enfants Malades - Paris Descartes University, Pediatric Immuno-Haematology and Rheumatology, Paris, France, 3French National Reference Center for Primary Immune Deficiencies (CEREDIH), Paris, France, 4Collège de France, Paris, France

15:40 – 15:48
FP10-6
Comparison of different methods of elastography as quantitative determination of the airflow depending elongation of the lateral nasal wall
van Boemmel L., Akmenkalne L., Prill M., Vogt K.
University of Latvia, Centre of Experimental Surgery, Riga, Latvia

15:48 – 15:56
FP10-7
The evaluation of mucosal healing in animal model, with the application of a Chitosan based nasal dressing, after endoscopic sinus surgery
Piski Z., Lujber L., Nepp N., Kalinics P., Gerlinger I.
University of Pecs, Otorhinolaryngology, Head and Neck Surgery, Pécs, Hungary
FP10-8
CD3+CD4-CD8- double negative mucosal T cells are associated with uncontrolled chronic rhinosinusitis with nasal polyps
Soklic T.K.1, Silar M.2, Rijavec M.2, Koren A.2, Kern I.2, Hocevar-Boltezar I.1, Korosec P.2
1University Medical Centre, Dpt. for Otorhinolaryngology & Head and Neck Surgery, Ljubljana, Slovenia, 2University Clinic of Respiratory and Allergic Diseases, Golnik, Slovenia

FP10-10
Sublingual immunotherapy for patients with allergic rhinitis to house dust mites in Korea
Jung J.H., Kang I.-G., Kim S.T.
Gachon University, Gil Medical Center, Otolaryngology, Incheon, Korea, Republic of

Free Paper – Head & Neck
Benign Pathology in H&N

15:00 – 15:08
FP11-1
Virtual bronchoscopy in pediatric patients with suspected bronchial foreign bodies
Spiranskaya O., Rusetsky Y., Latysheva E., Malyavina U., Meytel I.
National Medical Research Center for Children’s Health Federal State Autonomous Institution of the Russian Federation Ministry of Health, ENT Surgery Department, Moscow, Russian Federation

15:08 – 15:16
FP11-2
Post-tonsillectomy pain following coblation dissection versus monopolar dissection - a systematic review and meta-analysis
Harley E.H.1, John M.T.2, Hanson B.3,4, De Faoite D.5
1Georgetown University School of Medicine, Department of Otolaryngology – Head & Neck Surgery, Washington DC, United States, 2University of Minnesota, Department of Diagnostic and Biological Sciences, Minneapolis, United States, 3Smith&Nephew, Inc., Baar, Switzerland, 4University of Washington, Department of Health Services, Seattle, United States, 5Smith&Nephew Orthopaedics AG, Baar, Switzerland

15:16 – 15:24
FP11-3
Neck lymph nodes tuberculosis: our experience
Ammar H.1, Darouassi Y.1, Aljalil A.1, Hanine M.A.1, Ennouali A.1, Chebraoui Y.1, Bouaity B.1, Milha Touati M.1, Benjelloun Harzimi A.2
1Avicenna Military Hospital, ENT Department, Marrakech, Morocco, 2Avicenna Military Hospital, Pneumology Department, Marrakech, Morocco

15:24 – 15:32
FP11-4
Head and neck primary non-ganglionic tuberculosis: our experience
Ammar H., Darouassi Y., Ennouali A., Aljalil A., Hanine M.A., Chebraoui Y., Bouaity B., Milha Touati M.
Avicenna Military Hospital, ENT Department, Marrakech, Morocco

15:32 – 15:40
FP11-6
Post-operative haemorrhage after acute bilateral tonsillectomy in patients with peritonsillar abscess: prevalence, treatment, risk factors and side of bleeding
Klug T., Saber C.
Aarhus University Hospital, Otorhinolaryngology, Head & Neck Surgery, Aarhus N, Denmark

15:40 – 15:48
FP11-7
Clinico-pathological evaluation of oral submucous fibrosis
Singh H.P., Kumar S., Verma V., Misra A.
King George’s Medical University, Otorhinolaryngology & Head-Neck Surgery, Lucknow, India

15:48 – 15:56
FP11-8
Multicentric assessment of transoral robotic resection for benign tumors
Chabrillac E.1, Morinier S.2, Jegoux F.3, Blanchard D.4, Choussy O.5, Hans S.6, Vergez S.7
1University Hospital of Toulouse, Head and Neck Surgery Department, Toulouse, France, 2University Hospital of Tours, Head and Neck Surgery Department, Tours, France, 3University Hospital of Rennes, Head and Neck Surgery Department, Rennes, France, 4Francois Baclesse Institute, Head and Neck Surgery Department, Caen, France, 5Curie Institute, Head and Neck Surgery Department, Paris, France, 6Foch Hospital - Versailles Saint Quentin en Yvelines University, Head and Neck Surgery Department, Suresnes, France, 7University Cancer Institute of Toulouse - Oncopole, Head and Neck Surgery Department, Toulouse, France
15:56 – 16:04
FP11-9
Pediatric deep neck space infections: retrospective study on etiology, current management and outcome in tertiary referral hospital
Velhonoja J.1, Irjala H.1, Lääveri M.2, Soukka T.2, Kinnunen I.1
1Turku University Hospital and University of Turku, Otorhinolaryngology - Head and Neck Surgery, Turku, Finland, 2Turku University Hospital and University of Turku, Oral and Maxillofacial Surgery, Turku, Finland

16:04 – 16:12
FP11-10
Ultrasound with virtual touch imaging quantification (VTIQ) can improve differentiation of benign and malignant cervical lymph nodes
Psychogios G.1,2, Rueger H.1, Jering M.1, Zenk J.1
1Klinikum Augsburg, ENT Department, Augsburg, Germany, 2Ioannina University Hospital, ENT Department, Ioannina, Greece

15:00 – 16:30  MS 214&216
Free Paper – Phoniatrics
Phoniatrics I

Chairs: L. Crevier-Buchman; A. Geneid, Finland
15:00 – 15:08
FP12-2
Functional electrical stimulation for treatment of presbyphonias
Gugatschka M.1, Gerstenberger C.1, Jarvis J.2, Perkins J.3, Kirsch A.1
1Medical University Graz, Phoniatrics, Graz, Austria, 2John Moores University, School of Sport and Exercise Science, Liverpool, United Kingdom, 3Royal Veterinary College, Department of Veterinary Clinical Sciences, North Mymms, United Kingdom

15:08 – 15:16
FP12-1
Preliminary results of the Unilateral Vocal Fold Paralysis Registry
Nawka T.1, Schneider-Stickler B.2, Gugatschka M.1, Zorowka P.4, Münscher A.5, Fuchs M.6, Grosheva M.7
1Charité Universitätsmedizin Berlin, Dept. of Audiology and Phoniatrics, Berlin, Germany, 2Medical University of Vienna, Division of Phoniatrics-Logopedics, Vienna, Austria, 3University Hospital Graz, Division of Phoniatrics, Dept. of Otolaryngology, Graz, Austria, 4Medical University of Innsbruck, Clinic for Voice and Speech Disorders, Innsbruck, Austria, 5University Medical Center Hamburg-Eppendorf, Dept. of Otolaryngology, Hamburg, Germany, 6University of Leipzig Medical Center. Phoniatrics and Audiology, Leipzig, Germany, 7University Hospital Cologne, Dept. of Ear Nose and Throat, Head and Neck Surgery, Cologne, Germany

15:16 – 15:24
FP12-3
Mansoura ordinal residue rating scale for fiberoptic endoscopic evaluation of swallowing: a preliminary study
Sabry A.1, Coyle J.2, El-Mitwalli A.3, Abou-Elsaad T.1
1Faculty of Medicine, Mansoura University, Phoniatric Unit, ORL Department, Mansoura, Egypt, 2School of Medicine, University of Pittsburgh, Department of Communication Science & Disorders, Department of Otolaryngology, Pittsburgh, United States, 3Faculty of Medicine, Mansoura University, Neurology Department, Mansoura, Egypt

15:24 – 15:32
FP12-4
Dysphagia in obstructive sleep disorders: are CPAP and Zenker diverticulum related?
Moerman M.1,2, Vandenecker A.-S.2, Baeten J.2, Hertegonne K.3
1AZ Maria Middelares, Phoniatry Dept, Ghent, Belgium, 2Ghent University Artevelde Hogeschool, Ghent, Belgium, 3Ghent University & Ghent University Hospital, Ghent, Belgium

15:32 – 15:40
FP12-5
Dysphagia Handicap Index (DHI) - translation and contribution to validation for European Portuguese
Vaz-Freitas S.1, Carvalho I.1, Martins A.2
1Centro Hospitalar e Universitário do Porto - Hospital de Santa Antónia, Otorrinolaringologia (ENT), Porto, Portugal, 2Hospital-Escola da Universidade Fernando Pessoa, Medicina Fisica e Reabilitação (PM&R), Porto, Portugal
15:00 – 15:08
FP13-1
The role of vascularization pattern and endoscopic imaging systems in defining benign and malignant laryngeal lesions
Yıldırım S., Gökmen M.F., Büyükatalay Z.C., Dursun G., Gökcan M.K.
Ankara University, Department of Otorhinolaryngology, Head and Neck Surgery, Ankara, Turkey

15:08 – 15:16
FP13-2
Value of compact endoscopy in the detection of perpendicular vascular lesions and diagnosis of laryngeal dysplasia, malignancy and papillomatosis
Davaris N., Arens C.
Magdeburg University Hospital, Otto-von-Guericke-University, Department of Otorhinolaryngology, Head and Neck Surgery, Magdeburg, Germany

15:16 – 15:24
FP13-3
Accuracy of anatomy landmarks in laryngeal ultrasound with sex and age variability
Dumitru M.1, Vrinceanu D.2, Marinescu A.3, Sarafoleanu C.4, Cergan R.1
1Carol Davila University of Medicine and Pharmacy, Anatomy, Bucharest, Romania; 2Bucharest University Emergency Hospital, ENT Department, Bucharest, Romania; 3Bucharest University Emergency Hospital, Imaging Department, Bucharest, Romania; 4Saint Mary Clinical Hospital, ENT Department, Bucharest, Romania

15:24 – 15:32
FP13-4
Evaluation of vascular features of vocal cords proposed by the European Laryngological Society
1University Department of Otorhinolaryngology and Cervicofacial Surgery, Ljubljana, Slovenia; 2Department of Otolaryngology-Head and Neck Surgery, VU University Medical Center, Amsterdam, Netherlands; 3Department of Pathology, VU University Medical Center, Amsterdam, Netherlands

15:32 – 15:40
FP12-7
Selective surface stimulation in unilateral vocal fold paralysis (UVFP)
Schneider-Stickler B.1, Leonhard M.1, Krenn M.2, Mayr W.2
1Medical University of Vienna, Dept. of Otolaryngology, Vienna, Austria; 2Center for Medical Physics and Biomedical Engineering, Medical University of Vienna, Vienna, Austria

15:40 – 15:48
FP12-8
Improved outcome measures for rating spasmodic dysphonia
Nawka T., Caffier P., Mainka A., Mürbe D.
Charité Universitätsmedizin Berlin, Department of Audiology and Phoniatrics, Berlin, Germany

15:48 – 15:56
FP12-9
Isolated action of the different laryngeal intrinsic muscles in an animated excised human larynx
Lagier A.1, Silva F.2, Helie T.3, Chalabi D.3, Boutin H.3, Roze D.3, Giovanni A.4, Champsaur P.5, Legou T.4
1CHU de Liège, Service d’ORL, Liège, Belgium; 2Laboratoire de Mécanique et Acoustique, Marseille, France; 3IRCAM, Paris, France; 4Laboratoire Parole et Langage, Aix-en-Provence, France; 5Laboratoire d’Anatomie de la Faculté de Médecine de Marseille, Marseille, France

15:56 – 16:04
FP12-10
The possible involvement of kynurenine pathway in learning disorder
Abdelraouf E., Nashaat N., Hashish A., Kilany A., El-Saied M.
National Research Centre, Cairo, Egypt
15:32 – 15:40
FP13-5
Segmenter’s influence on objective glottal area waveform measures from high-speed laryngoscopy
Maryn Y.1,2,3, Verguts M.4,5, Demarsin H.4, Gomez P.3, Schlegel P.4, Döllinger M.6
1GZA - Campus St. Augustinus, Otorhinolaryngology & Head and Neck Surgery, European Institute for ORL-HNS, Wilrijk, Belgium, 2Ghent University, Ghent, Belgium, 3Université Catholique de Louvain, Louvain-La-Neuve, Belgium, 4GZA - Campus St. Augustinus, Otorhinolaryngology & Head and Neck Surgery, European Institute for ORL-HNS, Wilrijk, Belgium, 5AZ Diest, Otorhinolaryngology, Diest, Belgium, 6University Hospital Erlangen, Otorhinolaryngology, Phoniatrics and Pediatric Audiology, Erlangen, Germany

15:40 – 15:48
FP13-6
Objective quantification of perceived vocal tremor severity with the Acoustic Phonatory Tremor Index
Maryn Y.1,2,3, Zarowski A.1, Leblans M.1, Barkmeier-Kraemer J.4
1GZA - Campus St. Augustinus, Otorhinolaryngology & Head and Neck Surgery, European Institute for ORL-HNS, Wilrijk, Belgium, 2Ghent University, Ghent, Belgium, 3Université Catholique de Louvain, Louvain-La-Neuve, Belgium, 4University of Utah, Otolaryngology and Head & Neck Surgery, Salt Lake City, United States

15:48 – 15:56
FP13-7
Etiologies and risk factors of dysphonia: a retrospective study of 998 patients
Alkhaliwi F.1, Albahkaly S.2, Almadhari R.3, Alshehri H.4, Mohammed N.2, Bin Dahmash A.1, Alshehri W.4
1Al Imam Mohammad Ibn Saud Islamic University, Otorhinolaryngology, Head and Neck Surgery, Riyadh, Saudi Arabia, 2King Abdulaziz Medical City, Otorhinolaryngology, Head and Neck Surgery, Riyadh, Saudi Arabia, 3Ministry of Health, Otorhinolaryngology, Head and Neck Surgery, Riyadh, Saudi Arabia, 4Ministry of Health, Otorhinolaryngology, Head and Neck Surgery, Riyadh, Saudi Arabia

15:56 – 16:04
FP13-8
Can specific reported outcome measures predict therapy of laryngeal pathologies?
Hospital Clínic de Barcelona, Otorhinolaryngology - Head & Neck Surgery, Barcelona, Spain
15:24 – 15:32
FP14-4
Do multifactorial inheritance chronic disorders influence cochleovestibular results in patients diagnosed with a vestibular disorder?
Pires J., Ferreira M., Carvalho F., Gonçalves J., Eloi I., Amorim M., Romão J., Silva L.
Centro Hospitalar e Universitário de Coimbra, Coimbra, Portugal

15:32 – 15:40
FP14-5
Vestibular dysfunction accompanying postmeningitis hearing loss
West N.
Rigshospitalet, University of Copenhagen, Department of Otolaryngology, Head and Neck Surgery, Frederiksberg, Denmark

15:40 – 15:48
FP14-6
Does vestibulo-ocular reflex (VOR) gain measured by video head impulse test (VHIT) decrease with age?
Khode S., Gan J.Y., Heng Y.M., Leong A.
Khoo Teck Puat Hospital, ENT and Head-Neck Surgery, Yishun, Singapore

15:48 – 15:56
FP14-7
Effect of peptide vaccine GV1001 treatment in the acute noise-induced hearing loss mouse model
Lee S.-Y.1, Han J.-J.2, Jung G.3, Koo J.-W.3
1Wonkwang University Hospital, Otorhinolaryngology, Iksan, Korea, Republic of, 2Soochunhyang University Hospital, Seoul, Korea, Republic of, 3Seoul National University College of Medicine, Seoul National University Bundang Hospital, Seongnam, Korea, Republic of

15:56 – 16:04
FP14-8
Intratympanic steroid injection versus systemic therapy in the treatment of sudden sensorineural hearing loss (SSNHL)
Laborai A., Grillone A., Missale F., Castello E.M., Peretti G.
University of Genova - San Martino Hospital, Otorhinolaryngology, Genova, Italy

16:04 – 16:12
FP14-9
The role of intratympanic steroids and hyperbaric oxygen as salvage therapies for sudden sensorineural hearing loss
Gama R., Monteiro F., Ribeiro L., Valente P., Castro F., Condé A.
Vila Nova de Gaia Hospital Center, Otorhinolaryngology and Head and Neck Surgery, Porto, Portugal

16:12 – 16:20
FP14-10
Surgical and vector delivery optimization results in extensive inner hair cell transduction in a large rhesus model
1Vienna General Hospital, Medical University of Vienna, Otolaryngology, Vienna, Austria, 2Massachusetts Eye and Ear, Harvard Medical School, Otolaryngology, Boston, United States, 3Massachusetts Eye and Ear, Harvard Medical School, Virology, Boston, United States, 4Massachusetts Eye and Ear, Harvard Medical School, Anesthesia, Boston, United States, 5Animal Science Center, Boston University, Boston, United States

15:00 – 16:30  MS 204
Free Paper – Laryngology
Microsurgery phonosurgery
Chairs: G. Campos, Colombia; D. Costello, United Kingdom

15:00 – 15:08
FP15-1
Percutaneous fiber guided laser surgery of the endolarynx
Hess M.1,2
1Deutsche Stimmklinik, Hamburg, Germany, 2University Medical Center Hamburg-Eppendorf, Hamburg, Germany
15:08 – 15:16  
FP15-3  
First-in-man safety, tolerability and potential efficacy of injection of autologous adipose-derived stromal vascular fraction in scarred vocal folds: an open-label phase I/II clinical trial  
Mattei A.1, Magalon J.2, Jouve E.3, Bertrand B.4, Philandrianos C.5, Véran J.5, Dessi P.5, Sabatier F.7, Giovanni A.8  
1Aix-Marseille Univ, Marseille, France, 2Aix Marseille Univ, VRCM INSERM UMR 1076, Marseille, France, 3Hôpital de La Timone, APHM, Pharmacometry CIC-CPCET, Clinical Pharmacology and Pharmacovigilance Department, Marseille, France, 4APHM, Department of Plastic and Reconstructive Surgery, Marseille, France, 5INSERM CBT-1409, APHM, Cell Therapy Department, Marseille, France, 6Aix Marseille Univ, Marseille, France, 7INSERM CBT-1409, APHM, Cell Therapy Department, Marseille, France, 8Aix Marseille Univ, CNRS, Laboratoire Parole et Langage, Marseille, France

15:16 – 15:24  
FP15-5  
Vocal fold augmentation under local anesthesia  
Elbadrawy A.  
Cairo University, Otolaryngology, Cairo, Egypt

15:24 – 15:32  
FP15-6  
Optimizing laser settings for office-based endoscopic laser surgery using an experimental vocal cord model: an assessment of thermal effects and penetration depth  
Schimberg A.S., Klabbers T.M., Wellenstein D.J., van den Broek G.B.  
Radboud University Medical Center, Otorhinolaryngology / Head and Neck Surgery, Nijmegen, Netherlands

15:32 – 15:40  
FP15-7  
Office-based endoscopic CO2 laser surgery of the larynx  
Radboud University Medical Center, Otorhinolaryngology and Head and Neck Surgery, Nijmegen, Netherlands

15:40 – 15:48  
FP15-8  
The clinical rationale of alternative surgical techniques for the treatment of patients presenting with benign laryngeal lesions  
Rakunova E., Starostina S., Svistushkin V.  
Federal State Autonomous Educational Institution of Higher Education I.M. Sechenov First Moscow State Medical University of the Ministry of Health of the Russian Federation (Sechenov University), Otorhinolaryngology, Moscow, Russian Federation

15:48 – 15:56  
FP15-9  
Reinke’s edema - new approaches and findings  
Gugatschka M.1, Grossmann T.1, Birner-Grünberger R.2, Karbiener M.1  
1Medical University Graz, Phoniatrics, Graz, Austria, 2Medical Universityof Graz, Institut of Pathology, Graz, Austria

15:00 – 15:45 MS 202  
Instructional Course – Basic ENT  
Young IFOS panel – The ENT surgeon and EBM  
Chair: D. Smit, Netherlands  
ICS59  
D. Smit, Netherlands  
BTS495  
I. Stegeman, Netherlands

15:45 – 16:30 MS 202  
Instructional Course – Basic ENT  
Facial plastics: video session

17:00 – 17:45 Gold Hall  
Instructional Course – Otology/Neurotology  
Multidisciplinary management of tinnitus: what is new?  
Chair: V. Topsakal, Belgium  
ICS32  
D. Baguley, United Kingdom  
ICS134  
V. van Rompaey, Belgium
17:00 – 17:45 Copper Hall
*Instructional Course – Head & Neck*
Neuromonitoring in head and neck surgery
Chair: M. Zafereo, United States
ICS140
A.O. Ikiz, Turkey

17:00 – 17:45 Silver Hall
*Instructional Course – Rhinology*
Sinus surgery in CRS – options for minimal and extensive surgery
ICS148
B. Woodworth, United States

17:00 – 17:45 Hall 100
*Instructional Course – Otology/Neurotology*
Cartilaginous Myringoplasty: tips and tricks
Chair: P. Bordure, France
ICS52
M. Sicak, Slovakia
ICS62
C. Uzun, Turkey

17:00 – 17:45 Hall 400
*Instructional Course – Head & Neck*
Da Vinci vs flex robotic
Chair: G. Lawson, Belgium
ICS11
S. Mattheis, Germany
ICS12
G. Spriano, Italy

17:00 – 17:45 The Arc
*Instructional Course – Laryngology*
Early glottic cancer – tips and tricks in TLM
Chair: J. Plžák, Czech Republic
ICS15
P. Lukes, Czech Republic
ICS17
M. Zabrodsky, Czech Republic

17:00 – 17:45 Hall 300
*Instructional Course – Rhinology*
Systemic diseases and the nose
Chair: M. Armengot, Spain
ICS149
C. Ahlström Emanuelsson, Sweden
CF and PCD
C. von Buchwald, Denmark

17:00 – 17:45 MS 211&212
*Instructional Course – AOM today*

17:00 – 17:10 MS 311&312
**Keynote Lecture – Salivary Gland**
Surgical complications session

17:00 – 17:10 Complications of surgery for benign salivary pathologies
S. Hosal, Turkey

17:10 – 17:45 MS 311&312
**Free Paper – Salivary Gland**

17:10 – 17:18 FPSG2-1
Primary carcinoma of major salivary glands: is it time for an updated nodal staging?
Tomasoni M., Paderno A., Mattavelli D., Lancini D., Lombardi D., Nicolai P.
*Università degli Studi di Brescia, Otorhinolaryngology - Head and Neck Surgery, Brescia, Italy*

17:18 – 17:26 FPSG2-2
Fine needle aspiration cytology (FNAC) for parotid neoplasms: risk of malignancy through inconclusive cytologies and lower grade tumors
Galli A., Tulli M., Di Santo D., Bondi S., Giordano L., Bussi M.
*IRCCS San Raffaele, ENT, Milan, Italy*
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Location</th>
<th>Chair/Presenter</th>
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</thead>
<tbody>
<tr>
<td>17:26 – 17:34</td>
<td>FPSG2-3</td>
<td>Diagnostic accuracy of multiparametric magnetic resonance imaging vs. fine needle aspiration cytology in the preoperative work-up of parotid gland tumors</td>
<td>MS 201 A/B</td>
<td>Di Santo D.¹, Guazzarotti G.², Galli A.¹, Giordano L.¹, Tulli M.¹, Bondi S.¹, Mellone R.², Bussi M.¹</td>
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<td>17:34 – 17:42</td>
<td>FPSG2-4</td>
<td>Texture-based analysis in parotid gland tumors. There is a role for radiomics in the diagnostic workup?</td>
<td>MS 201 A/B</td>
<td>Chiesa-Estomba C.M., Larruscain E.</td>
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<td>17:00 – 17:45</td>
<td>MS 201 A/B</td>
<td>Instructional Course – Skull Base</td>
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<td>Chair: E. Piccirillo, Italy</td>
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<td>Treatment of neurofibromatosis type 2</td>
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<td>S. Lloyd, United Kingdom</td>
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<td>17:00 – 17:45</td>
<td>MS 213&amp;215</td>
<td>Instructional Course – Rhinology</td>
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<td>Chair: P. Rombaux, Belgium</td>
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<td>MRI and olfactory disorders</td>
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<td>P. Rombaux, Belgium</td>
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<tr>
<td>17:00 – 17:45</td>
<td>MS 214&amp;216</td>
<td>Instructional Course – Phoniatrics</td>
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<td>Chair: C. Pototschnig, Austria</td>
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<td>Laryngeal EMG &amp; Neurolaryngological diagnosis</td>
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<td>M. Leonhard, Austria</td>
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### Instructional Course – Pediatrics

**Functional disorders of children with clefts**

Chair: M. Moerman, Belgium

**Introduction**

M. Moerman, Belgium

**Tips & tricks in diagnosing and treating feeding and swallowing problems**

T. Abou-Elsaad, DK, Egypt

**Discussion**

M. Moerman, Belgium

**Mastering Asian Rhinoplasty**

Chair: Y.-S. Lin, Taiwan, Republic of China

**Post tonsillectomy severe bleeding and mortality, only bad luck or preventable?**

J.-Y. Sichel, Israel

**Genetic and acquired causes of pediatric sensorineural hearing loss**

11:30 – 11:52

Genetic causes of paediatric sensorineural hearing loss

R. Pennings, Netherlands

11:52 – 12:14

Sensorineural hearing loss in children: work-up and management – Acquired causes of pediatric sensorineural hearing loss

A. Boudewyns, Belgium
## PROGRAM GRID MONDAY, JULY 1

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<tr>
<th>Room</th>
<th>Gold Hall</th>
<th>Copper Hall</th>
<th>Silver Hall</th>
<th>Hall 100</th>
<th>Hall 400</th>
<th>The Arc</th>
<th>Hall 300</th>
<th>MS 211&amp;212</th>
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<tbody>
<tr>
<td><strong>08:00 – 08:45</strong></td>
<td>Endoscopic nasopharyngectomy</td>
<td>Epistaxis – non surgical and operative management</td>
<td>Management of otosclerosis</td>
<td>Reconstruction in the head and neck</td>
<td>Emergency Airway Management</td>
<td>New options in the treatment of Menière’s disease</td>
<td>The salivary gland mass workup</td>
<td>How to manage the acute difficult airway</td>
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<tr>
<td><strong>08:45 – 09:00</strong></td>
<td><strong>BREAK</strong></td>
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<tr>
<td><strong>09:00 – 10:30</strong></td>
<td>Technological advances and expanding indications of trans-nasal endoscopic surgery</td>
<td>CRS – novel concepts in etiology and management</td>
<td>Endoscope versus microscope in tympanoplasty</td>
<td>Education in head and neck surgical oncology</td>
<td>Pediatric Airway Problems</td>
<td>Intratympanic treatment of Menière’s disease</td>
<td>Surgical Techniques</td>
<td>European consensus on the management of laryngeal dysplasia – are we there?</td>
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<tr>
<td><strong>10:30 – 11:00</strong></td>
<td><strong>COFFEE BREAK</strong></td>
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<td><strong>11:00 – 11:30</strong></td>
<td>Concomitant chemoradiation vs induction chemotherapy</td>
<td>Simulation-based surgical training</td>
<td>Intraoperative assessment in cancer surgery</td>
<td>Pediatric airway surgery</td>
<td>Difficult stapes surgery</td>
<td>Workup done: presumably benign!</td>
<td>KTP laser – what is the role in treating laryngeal cancer?</td>
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<tr>
<td><strong>11:30 – 13:00</strong></td>
<td>Reconstractive Surgery in the Head and Neck</td>
<td>Epistaxis and HHT – the difficult cases</td>
<td>Prediction of cochlear implant outcomes in challenging indications</td>
<td>Modern Management of Thyroid Cancer</td>
<td>Digital healthcare in ENT and the smartphone revolution</td>
<td>Surgery in balance disease</td>
<td>Recurrent Pheomorph Adenoma</td>
<td>ABEA – Contemporary Management of Dysphagia from the mouth to the stomach</td>
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<td><strong>13:00 – 14:30</strong></td>
<td><strong>LUNCH BREAK</strong></td>
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<td><strong>14:30 – 15:00</strong></td>
<td>Screen, prevention, and treatment for oral cavity cancer, the Asian perspective</td>
<td>Olfaction in 2019</td>
<td>20 years’ experience in Single Side Deafness and Cochlear Implant</td>
<td>TORS in Korea</td>
<td>Cytomegalovirus and the Pediatric Otolaryngologist</td>
<td>Cognitive impacts of vestibular disorders</td>
<td>Parapharyngeal space tumors</td>
<td>Tracheal transplantation – where are we now?</td>
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<tr>
<td><strong>15:00 – 16:30</strong></td>
<td>FP17 Miscellaneous H&amp;N</td>
<td>FP18 Anterior skull base / Chronic rhinosinusitis</td>
<td>FP19 Otoneurology</td>
<td>FP20 Markers and Immunology</td>
<td>FP21 Auditory devices</td>
<td>FP22 Oral infections</td>
<td>FP23 Salivary Gland</td>
<td>FP24 Airway I</td>
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<td><strong>16:30 – 17:00</strong></td>
<td><strong>COFFEE BREAK</strong></td>
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<td><strong>17:00 – 17:45</strong></td>
<td>Surgical margins and robotic surgery</td>
<td>CRS – update on pathogenesis and the microbiome</td>
<td>ABI or CI in cochlear and auditory dysplasia?</td>
<td>Treatment of locally advanced thyroid cancer</td>
<td>Diagnostic and therapeutic approaches of obstructive sleep apnea disease in childhood</td>
<td>Necrotizing external otitis management</td>
<td>Prevention and treatment of sequelae of parotid surgery</td>
<td>Treatment algorithms for recurrent respiratory papillomatosis</td>
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<td>10:30</td>
<td>Sinonasal malignancy - histology driven treatment</td>
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<td>11:30</td>
<td>Facial paralysis surgery static and dynamic techniques</td>
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<td>13:30</td>
<td>Rationale in the implementation of a Phoniatric-Logopedic approach in Head and Neck patients</td>
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<td>Difficult epistaxis - how we do it</td>
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<td>17:00</td>
<td>UEMS/EBE-ORL mock exam</td>
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<tr>
<td>10:30</td>
<td>Young ERS panel - Video session - How I do it: nasal airway surgery</td>
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<tr>
<td>11:00</td>
<td>Young ERS – Basics in surgical technique and instrumentations for endoscopic skull base reconstruction</td>
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<tr>
<td>12:30</td>
<td>Young ERS – Fungi-induced upper and lower respiratory tract allergic diseases</td>
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**Lunch Break**

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**Poster Discussions 16:30 – 17:00**
### PROGRAM DETAILS – MONDAY, JULY 1

Program as per printing date. Any changes after the printing date are reflected in the Congress App.

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<td>08:00 – 08:45</td>
<td>Gold Hall</td>
<td>Instructional Course – Head &amp; Neck Endoscopic nasopharyngectomy</td>
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<td>ICM17 P. Battaglia, Italy</td>
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<td>ICM18 P. Castelnuovo, Italy</td>
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<tr>
<td>08:00 – 08:45</td>
<td>Copper Hall</td>
<td>Instructional Course – Rhinology Epistaxis – non surgical and operative management</td>
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<td>Chair: A. Swift, United Kingdom</td>
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<td>ICM19 L. de Gabory, France</td>
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<td>ICM211 R. Bhalla, United Kingdom</td>
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<td>08:00 – 08:45</td>
<td>Silver Hall</td>
<td>Instructional Course – Otology/Neurotology Management of otosclerosis</td>
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<td>ICM27 B. Fraysse, France</td>
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<td>ICM28 A. Huber, Switzerland</td>
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<td>08:00 – 08:45</td>
<td>Hall 100</td>
<td>Instructional Course – Head &amp; Neck Reconstruction in the head and neck</td>
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<td>Chair: M.S. Kim, Korea, Republic of</td>
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<td>ICM48 S.-H. Ahn, Korea, Republic of</td>
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<td>ICM49 M.K. Chung, Korea, Republic of</td>
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<tr>
<td>08:00 – 08:45</td>
<td>Hall 400</td>
<td>Instructional Course – Pediatrics Emergency Airway Management</td>
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<td>ICM16 N. Chadha, Canada</td>
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<td>08:00 – 08:45</td>
<td>The Arc</td>
<td>Instructional Course – Otology/Neurotology New options in the treatment of Menière’s disease</td>
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<td>ICM36 M. Nue Moeller, Denmark</td>
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<td>08:00 – 08:45</td>
<td>Hall 300</td>
<td>Instructional Course – Salivary Gland The salivary gland mass workup</td>
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<td>Chair: M. Zabrodsky, Czech Republic</td>
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<td>08:00 – 08:20</td>
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<td>Can we really predict the diagnosis with radiology?</td>
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<td>08:20 – 08:40</td>
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<td>Value of FNA</td>
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<td>A. Bik Wan Chan, Hong Kong</td>
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<td>08:00 – 08:45</td>
<td>Hall 100</td>
<td>Instructional Course – Laryngology How to manage the acute difficult airway</td>
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<td>Chair: R. Nouraei, United Kingdom</td>
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<td>ICM26 P. Dulguerov, Switzerland</td>
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**BTM2**  
M. Turri-Zanoni, Italy

**09:00 – 10:30**  
**Gold Hall**  
**Round Table – Rhinology**  
Technological advances and expanding indications of trans-nasal endoscopic surgery

Chair: T. Baudoin, Croatia  
Moderator: N. Busaba, United States

Endoscopic nasopharyngectomy  
R. Casiano, United States

Skull base repair: simple or complex  
J. Delgaudio, United States

Endoscopic anterior skull base surgery  
R. Kamel, Egypt

Transnasal pterygomaxillary approach – middle cranial fossa surgery  
M. Önerci, Turkey

Endoscopic transnasal orbit surgery  
A. Sedaghat, United States

**09:00 – 10:30**  
**Copper Hall**  
**Round Table – Rhinology**  
CRS – novel concepts in etiology and management

Moderator: W. Fokkens, Netherlands

Barrier defect = genetic; made worse by  
S. Aureus  
M. Desroisiers, Canada

Biologicals in the treatment of CRSwNP  
W. Fokkens, Netherlands

Identification of bacteria isolated from nasal polyps and their ability to produce superantigens and biofilms in lebanese patients  
U. Hadi, Lebanon

Solitary chemosensory cell / IL-25 in nasal polyps  
N. Cohen, United States

Translation to the clinical practice of the new pheno-endotyping knowledge  
J. Pimentel, Portugal

**09:00 – 10:30**  
**Silver Hall**  
**Round Table – Otology/Neurotology**  
Endoscope versus microscope in tympanoplasty

Chair: P. Bordure, France

**09:00 – 10:30**  
**Hall 100**  
**Round Table – Head & Neck**  
Education in head and neck surgical oncology

RTM27  
D. Chevalier, France

RTM28  
W. Golusinski, Poland

RTM29  
R. Leemans, Netherlands

RTM30  
P. Nicolai, Italy

**09:00 – 10:30**  
**Hall 400**  
**Round Table – Pediatrics**  
Pediatric Airway Problems

Moderator: M. Kuo, United Kingdom

Acquired airway stenosis  
N. Chadha, Canada

RTM77  
A. Parmar, United Kingdom

RTM78  
S. Pransky, United States

Inducible laryngeal obstruction  
R. Thevasagayam, United Kingdom

**09:00 – 10:30**  
**The Arc**  
**Round Table – Otology/Neurotology**  
Intratympanic treatment of Menière’s disease

Chair: M. Magnusson, Sweden  
Moderator: C. Desloovere, Belgium

Different intratympanic treatments regimes in Menière’s disease  
M. Magnusson, Sweden
Intratympanic corticosteroids
P. Lefebvre, Belgium
Labyrinth anaesthesia
C. Desloovere, Belgium

09:00 – 10:00 Hall 300
Instructional Course – Salivary Gland Surgical Techniques

Chair: G. Spriano, Italy
09:00 – 09:10
ESGS – MSGS Classification
M. Quer, Spain
09:10 – 09:20
Parotid surgery: classical superficial nerve identifying
H. Korkmaz, Turkey
09:20 – 09:30
Parotid surgery: deep lobe parotidectomy
J.-P. Klußmann, Germany
09:30 – 09:40
Parotid surgery: retrograde approach
A.Ö. Ikiz, Turkey
09:40 – 09:50
Submandibular surgery
D. Lombardi, Italy
09:50 – 10:00
Interest of robotic surgery in Submandibular benign pathologies
C. Rassekh, United States

10:10 – 10:30 Hall 300
Instructional Course – Salivary Gland Minor Salivary Gland Tumors

10:10 – 10:30
SGM11
P. Nicolai, Italy

09:00 – 10:30 MS 211&212
Round Table – Laryngology
European consensus on the management of laryngeal dysplasia – are we there?

Chair: C. Piazza, Italy
RTM36
H. Eckel, Austria

09:00 – 10:30 MS 311&312
Round Table – Rhinology
Sinonasal malignancy – histology driven treatment

Chair: H. Negm, Egypt
Moderator: P. Herman, France
RTM115
P. Battaglia, Italy
RTM116
C. Betz, Germany
RTM117
E. Hanna, United States
RTM119
R. Jankowski, France
RTM121
E. Wang, United States

09:00 – 10:30 MS 201 A/B
Round Table – Pediatrics
Special issues and complications in pediatric CI

Chair: S. Sarac, Turkey
Moderator: D. Kaplan, Israel
RTM122
I. Bruce, United Kingdom
RTM123
A. Incesulu, Turkey
RTM125
N. Loundon, France
RTM126
N. Quaranta, Italy
RTM128
Y. Shapira, Israel
09:00 – 10:30  MS 213 & 215

**Round Table – Sleep Medicine**
European ENT-Guidelines for OSA

Chair: U. Sommer, Germany
RTM42
M. Blumen, France
RTM43
M. Carrasco, Spain
RTM44
M. Milkov, Bulgaria
RTM47
B. Stuck, Germany
RTM50
B. Zsolt, Hungary

09:00 – 10:30  MS 214 & 216

**Round Table – Laryngology**
Challenges in Phonosurgery

Moderator: N. Kapoor Nerurkar, India
RTM75
C. Wever, Netherlands
Treatment for aged muscle structure of the lower third of the face (Endopeel)
A. Tenenbaum, Switzerland

09:00 – 10:30  MS 313 & 315

**Round Table – Facial Plastics**
Non-surgical facial rejuvenation: state of the art

Chair: A. Tenenbaum, Switzerland
Moderator: J. Santini, France
Fat Injection
O. Cakmak, Turkey
RTM73
T. Sozen, Turkey

09:00 – 10:30  MS 314 & 316

**Round Table – Skull Base**
Paraganglioma: clinical decision making

Moderator: J. Jansen, Netherlands
RTM82
E. Hensen, Netherlands
RTM84
R. Obholzer, United Kingdom
RTM85
J. Schipper, Germany
RTT826
R. Kania, France

09:00 – 10:30  MS 204

**Round Table – Laryngology**
Pharyngeal and UES Dysfunction in a context of Head & Neck Cancer – Prevention, diagnosis, treatment

Chair: G. Lawson, Belgium
Moderator: R. Speyer, Norway
IMRT to prevent Pharyngeal & UES dysfunction state of the art
J.F. Daisne, Belgium
Pharyngeal & UES Dysfunction
D. Farneti, Italy
Pharyngeal & UES functional anatomy
G. Lawson, Belgium
RTM91
A. Schindler, Italy
RTM92
S. van der Vorst, Belgium
Rehabilitation program & result for the management of Pharyngeal & UES dysfunction
V. Woisard, France
09:00 – 10:30
Instructional Course – Basic ENT
Young ERS panel – Video session –
How I do it: nasal airway surgery
Chair: M. Bernal-Sprekelsen, Spain
09:00 – 09:20
BTM6
M. Cherkes, Ukraine
09:20 – 09:40
BTM5
A. Santamaria-Gadea, Spain
09:40 – 10:00
BTM4
Z. Tsinaslanidou, Greece
10:00 – 10:20
BTM3
T. Jacques, United Kingdom

11:00 – 11:30
Keynote Lecture – Head & Neck
Concomitant chemoradiation vs induction chemotherapy
Chair: L. Tamas, Hungary
KLM42
E. Remenar, Hungary
KLM44
Z. Tkácsi-Nagi, Hungary

11:00 – 11:30
Keynote Lecture – Otology/Neurotology
Simulation-based surgical training
Chair: M. Caversaccio, Switzerland
KLM33
M. Soelvsten Sorensen, Denmark

11:00 – 11:30
Keynote Lecture – Head & Neck
Intraoperative assessment in cancer surgery
Chair: L. Kowalski, Brazil
KLM15
R. Baatenburg de Jong, Netherlands

11:00 – 11:30
Keynote Lecture – Pediatrics
Pediatric airway surgery
Chair: C. Piazza, Italy
KLM21
R. Rahbar, United States

11:00 – 11:30
Keynote Lecture – Otology/Neurotology
Difficult stapes surgery
KLM7
N. Özgirgin, Turkey

11:00 – 12:00
Round Table – Salivary Gland
Workup done: presumably benign!
Chair: R. Witt, United States
11:00 – 11:10
Partial superficial parotidectomy
G. Mercante, Italy
11:10 – 11:20
Role of/selection for ECD
H. Iro, Germany
11:20-11:30
ECD vs PSP
M. Quer, Spain
11:30 – 12:00
Discussion
R. Witt, United States

11:00 – 11:30
Keynote Lecture – Laryngology
KTP laser – what is the role in treating laryngeal cancer?
Chair: P. Woo, United States
KLM17
D. Vokes, New Zealand
11:00 – 11:30 MS 201 A/B
**Keynote Lecture – Pediatrics**
Childhood cholesteatoma – is it different?
Chair: J. Müller, Germany
KLM2
F. Denoyelle, France

11:00 – 11:30 MS 214&216
**Keynote Lecture – Laryngology**
How I manage the professional voice
Chair: A. Giovanni, France
KLM12
L. Maron, South Africa

11:00 – 11:30 MS 313&315
**Keynote Lecture – Facial Plastics**
Morphing in rhinoplasty
Chair: C.-S. Rhee, Korea, Republic of
KLM18
R. Xavier, Portugal

11:00 – 11:30 MS 314&316
**Keynote Lecture – Skull Base**
Petrosous bone cholesteatoma
Chair: P. Merkus, Netherlands
KLM25
G. Danesi, Italy

11:00 – 11:30 MS 202
**Keynote Lecture – Basic ENT**
UEMS-ORL – How to write an abstract and present at a meeting
11:00 – 11:30 BTM7
P. Sheahan, Ireland

11:30 – 13:00 Gold Hall
**Round Table – Head & Neck**
Reconstructive Surgery in the Head and Neck
Chair: A. Polyakov, Russian Federation
Moderator: G. Paludetti, Italy
RTM108
A. Anicin, Slovenia
RTM109
M. Benazzo, Italy
RTM110
E. Giotakis, Greece
RTM111
F. Kolb, France
RTM112
P. Nikiforovich, Russian Federation

11:30 – 13:00 Copper Hall
**Round Table – Rhinology**
Epistaxis and HHT – the difficult cases
Chair: D. Zabolotnyi, Ukraine
Moderator: M. Bernal-Sprekelsen, Spain
RTM31
G. Adriaensen, Netherlands
RTM33
V. Lund, United Kingdom
RTM34
T. van Zele, Belgium
RTM740
A. Sedaghat, United States
RTM741
P. Eloy, Belgium
RTM739
R. Casiano, United States
11:30 – 13:00  Silver Hall

**Round Table – Otology/Neurotology**
Prediction of cochlear implant outcomes in challenging indications

Chair: S.-H. Oh, Korea, Republic of
Moderator: I. Dhooge, Belgium
RTM102
J.Y. Choi, Korea, Republic of
RTM98
T. Lenarz, Germany
RTM100
J.-J. Song, Korea, Republic of

Prediction of CI outcome in auditory neuropathy spectrum disorder (ANSD)
A.-L. Mansbach, Belgium

RTM435
P. Merkus, Netherlands

11:30 – 13:00  Hall 100

**Round Table – Head & Neck**
Modern Management of Thyroid Cancer

Chair: I. Doweck, Israel
Moderator: P. Sheahan, Ireland

11:30 – 11:40
Extent of surgery for low risk thyroid cancer
J. Kinsilla, Ireland

11:40 – 11:50
Management of lymph nodes, N0 central neck, and N+ lateral neck
R. Simo, United Kingdom

11:50 – 12:00
Complications and outcomes, quality assurance and centralization
M. Tedla, Slovakia

12:00 – 12:10
Assessment and management of thyroid cancer recurrence
S. Wang, United States

12:10 – 12:20
Management of grossly invasive thyroid cancer
M. Zafereo, United States

11:30 – 13:00  Hall 400

**Round Table – General**
Digital healthcare in ENT and the smartphone revolution

Moderator: M. Benninger, United States
Virtual visits, e-consultations and shared medical appointments
M. Benninger, United States
Apps in Otorhinolaryngology
K. Rak, Germany
Integration of digital patient files into the SAP clinical system
S. Kaulitz, Germany

RTM257
J. Nevoux, France

11:30 – 13:00  The Arc

**Round Table – Otology/Neurotology**
Surgery in balance disease

Chair: F. Trabalzini, Italy
Moderator: A. Zarowski, Belgium

RTM129
P. Cayé-Thomasen, Denmark
RTM130
J.-W. Koo, Slovakia
RTM131
D. Portmann, France
RTM134
A. Zarowski, Belgium

12:00 – 12:30  Hall 300

**Keynote Lecture – Salivary Gland**
Recurrent Pleomorphic Adenoma

Chair: F. Marchal, Switzerland

12:00 – 12:10
Surgery for recurrent pleomorphic adenoma
D. Chevalier, France

12:10 – 12:20
Role of radiotherapy for recurrent pleomorphic adenoma
C. Terhaard, Netherlands

12:20 – 12:30
Discussion
12:30 – 13:00  Hall 300

**Free Paper – Salivary Gland**

**12:30 – 12:38**  
FPSG3-1  
Extended cervicocervical approach for parotid surgery  
Kumar S., Singh H.P., Verma V., Mishra A.  
King George's Medical University, Otorhinolaryngology & Head Neck Surgery, Lucknow, India

**12:38 – 12:46**  
FPSG3-2  
Safety and advantages of robotic salivary gland surgery with/without neck dissection via modified facelift or retroauricular approach  
Yonsei University, Seoul, Korea, Republic of

**12:46 – 12:54**  
FPSG3-3  
Improving memorization of preoperative information with a video before parotid surgery: a prospective randomized controlled study  
Molher J., De Mones Del Pujol E.  
CHU de Bordeaux, Bordeaux, France

**11:30 – 13:00  MS 211&212**

**Round Table – Laryngology**

ABEA – Contemporary Management of Dysphagia from the mouth to the stomach

Moderator: M. Courey, United States  
RTM16  
T. McCulloch, United States  
RTM17  
A. McWhorter, United States  
RTM18  
M. Pitman, United States

**11:30 – 13:00  MS 311&312**

**Round Table – Rhinology**

Benign nasal tumors – how to manage best?

Chair: M. Sicak, Slovakia  
Moderator: M. Önerci, Turkey  
RTM1  
L. Jovancevic, Serbia

**11:30 – 13:00  MS 201 A/B**

**Round Table – Pediatrics**

Tonsillectomy or tonsillotomy – pros and cons

Moderator: H. Blom, Netherlands  
RTM142  
D. Albert, United Kingdom  
RTM144  
H. Kubba, Scotland  
RTM145  
J. Stalfors, Sweden  
RTM409  
J. Wong Chung, Netherlands  
RTM347  
D. Tweedie, United Kingdom

**11:30 – 13:00  MS 213&215**

**Round Table – Skull Base**

Managing complications in skull base surgery

Chair: M. Mokry, Austria  
Moderator: P. Nicolai, Italy  
RTM61  
R. Bhalla, United Kingdom  
RTM62  
C. Georgalas, Greece  
RTM63  
P. Herman, France  
RTM631  
J. Lee, United States  
RTM245  
S. Mattheis, Germany  
RTM254  
G. Hafiz, Turkey
11:30 – 13:00  MS 214&216
Round Table – Head & Neck
Update on parathyroid surgery
Chair: E. Panosetti, Luxembourg
ICM206
J. Santini, France
ICM594
F. Dadoun, France

11:30 – 13:00  MS 313&315
Round Table – Facial Plastics
Face lift techniques
Moderator: N. Dulguerov, Switzerland
Face lift: a safe approach to the midface
O. Cakmak, Turkey
Management of lower face and neck
A. D’Souza, United Kingdom
Anatomy for the face lift surgeon
J.C. Neves, Portugal

11:30 – 13:00  MS 314&316
Round Table – General
UEMS – What it implies for you!
Chair: A. Agius, Malta
Moderator: J.E. Fenton, Ireland
Fellowships, ETRs & Logbook
A. Agius, Malta
History, harmonisation and how we can help
J.E. Fenton, Ireland
RTM146
V. Ward, United Kingdom
RTM148
J. Wichmann, Germany

11:45 – 12:00
Management of scar and sulcus
E. Sjogren, Netherlands

12:00 – 12:15
Indirect laryngoscopy in professional voice users
M. Hess, Germany

12:15 – 12:30
Psychological issues relating to professional voice users
J. Schlomicher-Thier, Austria

12:30 – 12:45
When to operate...or NOT!
L. Maron, South Africa

11:30 – 12:15  MS 202
Instructional Course – Basic ENT
Neurodegenerative diseases:
what can be learned from olfaction?
ICM71
T. Hummel, Germany
BTM9
C. Huart, Belgium

12:15 – 13:00  MS 202
Instructional Course – Basic ENT
Young ERS – Basics in surgical technique and instrumentations for endoscopic skull base reconstruction

11:30 – 12:15  MS 202
Instructional Course – Basic ENT
Young ERS – Basics in surgical technique and instrumentations for endoscopic skull base reconstruction

14:30 – 15:00  Gold Hall
Keynote Lecture – Head & Neck
Screen, prevention, and treatment for oral cavity cancer, the Asian perspective
Chair: J.-P. Klußmann, Germany
KLM495
P. Sheng-Po Hao, Taiwan, Republic of China
14:30 – 15:00  Copper Hall

Keynote Lecture – Rhinology
Olfaction in 2019

Chair: P. Rombaux, Belgium
KLM19
T. Hummel, Germany

14:30 – 15:00  Silver Hall

Keynote Lecture – Otology/Neurotology
20 years’ experience in Single Side Deafness and Cochlear Implant

Chair: A. Raji, Morocco
KLM1
P. van de Heyning, Belgium

14:30 – 15:00  Hall 100

Keynote Lecture – Head & Neck
TORS in Korea

Chair: C. Simon, Switzerland
KLM38
S.T. Kim, Korea, Republic of

14:30 – 15:00  Hall 400

Keynote Lecture – Pediatrics
Cytomegalovirus and the Pediatric Otolaryngologist

Chair: Y. Shapira, Israel
KLM6
N. Teissier, France

14:30 – 15:00  The Arc

Keynote Lecture – Otology/Neurotology
Cognitive impacts of vestibular disorders

Chair: D. Portmann, France
KLM4
E. Lacroix, Belgium

14:30 – 14:50  Hall 300

Salivary Gland
Parapharyngeal space tumors

Chair: D. Lombardi, Italy
14:30 – 14:40
Parapharyngeal surgery: external approach
V. Vander Poorten, Belgium
14:40 – 14:50
Parapharyngeal surgery: transoral approach
P. Dulguerov, Switzerland

14:50 – 16:00  Hall 300

Round Table – Salivary Gland
Primary Parotid Malignancies

Chair: D. Thurnher, Germany
14:50 – 15:00
Diagnostic workup of suspected parotid carcinoma
G. Psychogios, Germany
15:00 – 15:10
Parotid carcinoma: extent surgery for the primary: when to resect the deep lobe
J. Huszka, Hungary
15:10 – 15:20
Parotid carcinoma: neck dissection: yes or no?
O. Guntinas, Germany
15:20 – 15:30
Radiotherapy for parotid carcinoma (Proton / Carbon Ions)
A. Jensen, Germany
15:30 – 16:00
Case presentations and discussion

14:30 – 15:00  MS 211&212

Keynote Lecture – Laryngology
Tracheal transplantation – where are we now?

Chair: K. Sandu, Switzerland
Tracheal transplantation, current possibilities
P. Delaere, Belgium
**14:30 – 15:00 MS 311&312**

**Keynote Lecture – General**
Heinz Stammberger – a tribute

KLM286
V. Lund, United Kingdom
KLM35
M. Mokry, Austria

**14:30 – 15:00 MS 201 A/B**

**Keynote Lecture – Pediatrics**
Pediatric CI

Chair: D. Kaplan, Israel
KLM234
N. Loundon, France

**14:30 – 15:00 MS 213&215**

**Keynote Lecture – Skull Base**
Complications of the endoscopic endonasal skull base surgery

Chair: P. Herman, France
14:30 – 15:00
KLM432
E. Wang

**14:30 – 15:00 MS 214&216**

**Keynote Lecture – Rhinology**
Rhinogenic Orbital Inflammation

Chair: O. Eng, Australia
KLM31
V. Chrobok, Czech Republic

**14:30 – 15:00 MS 314&316**

**Keynote Lecture – Otology/Neurotology**
The vestibular implant

Chair: Z. Čada, Czech Republic
KLM37
R. Van de Berg, Netherlands

**14:30 – 15:00 MS 204**

**Keynote Lecture – Laryngology**
Evaluation and management of patients with paresis: symptoms and physical findings

Chair: P. Noordzji, United States
KLM23
M. Courey, United States

**14:30 – 15:00 MS 202**

**Keynote Lecture – Basic ENT Young ERS – Fungi-induced upper and lower respiratory tract allergic diseases**

14:30 – 14:45
BTM9
T. Soares Santos, Portugal
14:45 – 15:00
BTM10
A. Barac, Serbia

**15:00 – 16:30 Gold Hall**

**Free Paper – Head & Neck**
Miscellaneous H&N

Chairs: H. Mehanna, United Kingdom; L. Tamas, Hungary
15:00 – 15:08
FP17-1
Clinical potential of the oncolytic virus VSV-GP for head and neck squamous cell carcinoma
Runge A.1, Petersson M.2, Mayr M.2, Erllmann P.2, Elbers K.2, Riechelmann H.1, Von Laer D.3
1Innsbruck Medical University, Department of Otolaryngology, Innsbruck, Austria, 2ViraTherapeutics GmbH, Innsbruck, Austria, 3Innsbruck Medical University, Section of Virology, Section for Hygiene, Microbiology and Social Medicine, Innsbruck, Austria
15:08 – 15:16
FP17-2
The role of F-18-FDG PET-CT scan after chemoradiotherapy on advanced head and neck squamous cell carcinoma
Pereira D.1, Breda E.2, Monteiro E.2
1Hospital Pedro Hispano, ENT, Matosinhos, Portugal, 2Instituto Português de Oncologia do Porto, ENT, Porto, Portugal

15:16 – 15:24
FP17-3
Larynx-preservation treatment for T2 and T3 laryngeal cancer. Does it really conserve the organ?
Donato M.1, Montalvão P.2, Gomes A.3, Moreira C.4, Araújo J.5, Correia Oliveira L.2, Magalhães M.2
1Centro Hospitalar Lisboa Ocidental, Lisboa, Portugal, 2Instituto Português de Oncologia de Lisboa, Lisboa, Portugal, 3Hospital de Guimarães, Guimarães, Portugal, 4Centro Hospitalar Lisboa Central, Lisboa, Portugal, 5Hospital CUF Descobertas, Lisboa, Portugal

15:24 – 15:32
FP17-4
Management of advanced-stage cutaneous squamous cell carcinoma of the head and neck region in solid organ transplant recipients
Ritter A.1,2, Badir S.1, Bachar G.1,2, Shpitzer T.1,2, Popovtzer A.2,3, Mizrachi A.1,2
1Rabin Medical Center, Department of Otolaryngology Head and Neck Surgery, Petah Tikva, Israel, 2Tel Aviv University, Sackler Faculty of Medicine, Tel Aviv, Israel, 3Rabin Medical Center, Davidoff Cancer Center, Petah Tikva, Israel

15:32 – 15:40
FP17-5
What role does timeliness of treatments play on outcome of patients with locally advanced oropharyngeal cancer?
Gomes P.1, Breda E.2, Monteiro E.2
1Hospital Senhora da Oliveira - Guimarães, Guimarães, Portugal, 2Instituto Português de Oncologia do Porto, Porto, Portugal

15:40 – 15:48
FP17-7
The role of palatine tonsillectomy in the diagnostic workup of head and neck squamous cell carcinoma of unknown primary origin: a systematic review and meta-analysis
Di Maio P.1, Iocca O.2, De Virgilio A.2, Pennacchi A.3, Ricci G.4, Spriano G.2
1University of Perugia, Section of Otolaryngology - Head and Neck Surgery, Department of Surgical and Biomedical Sciences, Perugia, Italy, 2Humanitas Clinical and Research Center, Rozzano, Italy, 3Engles Hospital of Fabriano, Department of Otolaryngology - Head and Neck Surgery, Fabriano, Italy

15:48 – 15:56
FP17-8
Flexible endoscopic biopsies (FEB) of laryngopharyngeal lesions under topical anesthesia: a safe and effective procedure
Radboud University Medical Center, Otorhinolaryngology and Head and Neck Surgery, Nijmegen, Netherlands

15:56 – 16:04
FP17-9
Time between Diagnosis and Treatment of Hypopharynx and Larynx cancer: are longer delays associated with higher discrepancy between clinical and pathological staging?
Santos M.1, Monteiro E.2
1Centro Hospitalar do Porto, Porto, Portugal, 2IPO - Porto, Porto, Portugal

16:04 – 16:12
FP17-10
The diagnostic value of narrow band imaging in patients affected by high risk lichen planus
Morello R., Del Bon F.M., Paderno A., Fior M., Alparone M., Berreetti G., Deganello A., Nicolai P. Spedali Civili, University of Brescia, Otorhinolaryngology - Head and Neck Surgery, Brescia, Italy

16:12 – 16:22
FP17-11
Intra and interobserver agreement of narrow band imaging for the detection of head and neck tumors
Nogués Sabaté A.1, Aviles Jurado F.X.1, Ruiz Sevilla L.2, Lehrer Coriat E.1, Santamaria Gadea A.3, Valls Mateus M.4, Vilaseca Gonzalez I.1
1Hospital Clínic de Barcelona, Barcelona, Spain, 2Universitat de Barcelona, Barcelona, Spain, 3Hospital Ramon y Cajal, Madrid, Spain, 4Hospital Son Espases, Palma de Mallorca, Spain
15:00 – 16:30  Copper Hall

**Free Paper – Rhinology**

Anterior skull base / Chronic rhinosinusitis

Chair: U. Hadi, Lebanon

15:00 – 15:08  
**FP18-1**

Preservation versus resection of middle turbinate in endoscopic transnasal transsphenoidal pituitary surgery

Aziz Baban M.1, Hadi S.1, Castelnuovo P.2

1Sulaimaniyha, Sulaymaniyha, Iraq, 2Università degli Studi dell’Insubria, Varese, Italy

15:08 – 15:16  
**FP18-2**

Radiological and clinical interpretation of the patients with CSF leaks developed during or after endoscopic sinus surgery

Baban M.1,2, Castelnuovo P.2

1Sulaimaniyha, Sulaymaniyha, Iraq, 2Università degli Studi dell’Insubria, Varese, Italy

15:16 – 15:24  
**FP18-3**

Endoscopic treatment of inverted papilloma attached in the frontal sinus

Sapova K., Naumenko A.

ENT Institute, Saint Petersburg, Russian Federation

15:24 – 15:32  
**FP18-4**

Validity and responsiveness of systemic medication use for chronic rhinosinusitis as metrics of disease burden

Speth M.M.1, Phillips K.M.2,3, Shu E.3, Hoehle L.P.4, Caradonna D.S.5,6, Gray S.T.2,3, Sedaghat A.R.6

1Kantonsspital Aarau, Klinik für Hals-, Nasen-, Ohren- Krankheiten, Hals-und Gesichtschirurgie, Aarau, Switzerland, 2Harvard Medical School, Department of Otolaryngology, Boston, United States, 3Massachusetts Eye and Ear Infirmary, Department of Otolaryngology, Boston, United States, 4Edward Via College of Osteopathic Medicine—Carolinas, Spartanburg, United States, 5Harvard Medical School/Beth Israel Deaconess Medical Center, Otolaryngology, Boston, United States, 6University of Cincinnati College of Medicine, Otolaryngology, Cincinnati, United States

15:32 – 15:40  
**FP18-5**

Chronic rhinosinusitis is associated with increased risk of depression and anxiety: a retrospective nationwide cohort study

Kim J.-Y.1, Yu M.S.2, Kim D.-K.3

1Konyang University College of Medicine, Daejeon, Korea, Republic of, 2University of Ulsan College of Medicine, Ulsan, Korea, Republic of, 3Hallym University College of Medicine, Chuncheon, Korea, Republic of

15:40 – 15:48  
**FP18-6**

Intrasal corticosteroid and saline: usage and adherence in chronic rhinosinusitis patients referred to a tertiary rhinology clinic

Phillips K.1, Hoehle L.2, Caradonna D.3, Gray S.1, Sedaghat A.4

1Harvard Medical School/Mass, Eye and Ear, Otolaryngology, Boston, United States, 2Edward Via College of Osteopathic Medicine—Carolinas, Spartanburg, United States, 3Harvard Medical School/Beth Israel Deaconess Medical Center, Otolaryngology, Boston, United States, 4University of Cincinnati College of Medicine, Otolaryngology, Cincinnati, United States

15:48 – 15:56  
**FP18-8**

Odontogenic sinusitis: clinical features in diagnosis and treatment

Ozdilek A.1, Kılavuz A.E.1, Serin G.M.2

1Acibadem Maslak Hospital, Ear Nose Throat, Istanbul, Turkey, 2Acibadem University, Ear Nose Throat, Istanbul, Turkey

15:56 – 16:04  
**FP18-9**

Presentation of invasive fungal rhinosinusitis in Sudanese children: a report of four cases

Ahmed S.

Faculty of Medicine, Omdurman University Sudan, ENT, Khartoum, Sudan
15:00 – 16:30 Silver Hall

Free Paper – Otology/Neurotology

Otoneurology

Chairs: T. Somers, Belgium; S. Plontke, Germany

15:00 – 15:08
FP19-1
The Screen Conundrum - a cross-sectional analysis of the clinical efficacy and cost-effectiveness of audiometric protocols for magnetic resonance imaging screening of vestibular schwannomas
Bhargava E.K., Coyle P., Wong B., Masood A., Qayyum A.
Peterborough City Hospital, Peterborough, United Kingdom

15:08 – 15:16
FP19-2
Natural history of intracranial schwannomas in neurofibromatosis type 2 (NF2)
1Manchester Royal Infirmary, ENT, Manchester, United Kingdom, 2Manchester University, Manchester, United Kingdom, 3Salford Royal NHS Foundation Trust, Manchester, United Kingdom

15:16 – 15:24
FP19-3
Pre-operative intratympanic gentamicin therapy with vestibular rehabilitation improves postoperative recovery in patients undergoing translabyrinthine vestibular schwannoma surgery
1Manchester Royal Infirmary, ENT, Manchester, United Kingdom, 2Manchester University, Manchester, United Kingdom, 3Salford Royal NHS Foundation Trust, Manchester, United Kingdom

15:24 – 15:32
FP19-4
Long-term quality of life in patients with vestibular schwannoma managed by microsurgery - a retrospective cohort study
Bulsara V., Santa-Maria C., Atlas M.
1The University of Western Australia, School of Dentistry, Nedlands, Australia, 2Stanford University, Stanford, United States, 3Sir Charles Gairdner Hospital, ENT Head, Neck and Skull Base Surgery, Perth, Australia

15:32 – 15:40
FP19-5
Microsurgical management of vestibular schwannoma after failed previous stereoradiosurgery
Chovanec M., Profant O., Trnkova K., Verespejova L., Striteska M., Malikova H., Liscak R., Netuka D., Benes V.
1Charles University Prague, 3rd Medical Faculty, University Hospital Kralovsky Vinohrady, Dep. of Otorhinolaryngology, Prague, Czech Republic, 2Charles University Prague, 3rd Medical Faculty, University Hospital Kralovsky Vinohrady, Dep. of Radiodiagnosics, Prague, Czech Republic, 3Na Homolce Hospital, Dep.of Stereotactic and radiation Neurosurgery, Prague, Czech Republic, 4Charles University Prague, 1st Medical Faculty, Central Military University Hospital Stresovice, Dep.of Neurosurgery and Neurooncology, Prague, Czech Republic

15:40 – 15:48
FP19-6
Outcome of translabyrinthine surgery for vestibular schwannomas
de Boer N.P., Koot R.W., Malessy M.J.A., Bos N.D., van der Mey A.G.L., Hensen E.H.
1Leiden University Medical Center, ENT, Leiden, Netherlands, 2Leiden University Medical Center, Neurosurgery, Leiden, Netherlands

15:48 – 15:56
FP19-7
Exclusive endoscopic transcanal transpromontorial approach: a new surgical treatment for internal auditory canal schwannomas
Marchioni D., Pinter P., Laura E., De Rossi S., Spinnato F., Le Pera B.
University of Verona, Verona, Italy

15:56 – 16:04
FP19-8
Transmastoid approach for the repair of lateral skull base defects
de Ossó J.T., Bernal-Sprekelsen M., Caballero M., Larrosa F., Langdon C.
Hospital Clinic de Barcelona, ENT, Barcelona, Spain

16:04 – 16:12
FP19-9
Middle cranial fossa approach: selective indications, technique and results
Samy R., Karkas A.
1University of Cincinnati Academic Health Center, Cincinnati, United States, 2Mayfield Brain & Spine, Neurosurgery, Cincinnati, United States, 3Université Jean Monnet - CHU Saint Etienne, Saint-Priest En
FP19-10
Vestibular schwannoma and frequency-specific testing of vestibuloocular reflex and its visualisation in vestibulogram
Striteska M.1,2, Chovanec M.1, Profant O.1, Mejzlik J.2, Valíš M.3, Trnkova K.4
1Charles University in Prague, 3rd Faculty of Medicine, University Hospital Kralovske Vinohrady, ENT, Department of Otorhinolaryngology, Praha, Czech Republic, 2University Hospital Hradec Kralove, ENT, Department of Otorhinolaryngology and Head and Neck Surgery, Hradec Kralové, Czech Republic, 3Faculty of Medicine and University Hospital Hradec Kralove, Neurology, Hradec Kralove, Czech Republic, 4Charles University in Prague, 3rd Faculty of Medicine, University Hospital Kralovske Vinohrady, ENT, Department of Otorhinolaryngology, Prague, Czech Republic

FP19-11
Diagnostics and therapy of skull base osteomyelitis - our experience
Auinger A., Dahm V., Honeder C., Arnoldner C.
Medical University of Vienna, Otolaryngology, Head and Neck Surgery, Vienna, Austria

15:00 – 16:30 Hall 100
Free Paper – Head & Neck
Markers and Immunology in H&N cancer
Chair: P. Bossi, Italy
15:00 – 15:08 FP20-1
Expression of PD-L1 on immune cells shows better prognosis in laryngeal, oropharyngeal, and hypopharyngeal cancer
Birtalan E.1, Danos K.1, Gurbeti B.2, Brauswetter D.2, Halasz J.3, Kalocsane Piurko V.3, Acs B.3, Antal B.4, Mihalyi R.4, Pato A.4, Fent Z.1, Polony G.1, Timar J.3, Tamás L.1
1Semmelweis University, Department of Otorhinolaryngology, Head and Neck Surgery, Budapest, Hungary, 2Semmelweis University-MTA, Pathobiobehavioral Research Group, Budapest, Hungary, 3Semmelweis University, 2nd Department of Pathology, Budapest, Hungary, 4Semmelweis University, Budapest, Hungary

15:08 – 15:16 FP20-2
Survival impacts of different nodal characteristics and T-classification in N3 nasopharyngeal carcinoma patients
Lin T.-Y.1, Lan M.-Y.1,2, Tsou H.-H.3, Lin J.-C.4
1Taipei Veterans General Hospital, Otorhinolaryngology-Head and Neck Surgery, Taipei, Taiwan, Republic of China, 2National Yang-Ming University, School of Medicine, Taipei, Taiwan, Republic of China, 3National Health Research Institutes, Institute of Population Health Sciences, Miaoli County, Taiwan, Republic of China, 4Taichung Veterans General Hospital, Department of Radiation Oncology, Taichung, Taiwan, Republic of China

15:16 – 15:24 FP20-3
Clinical implications of perineural and vascular invasion in maxillary sinus malignancies: retrospective study on 127 patients
Gualtieri T.1, Ferrari M.1, Ioppi A.1, Rampinelli V.1, Schreiber A.1, Mattaveli D.1, Vural A.2, Tomasoni M.1, Taboni S.1, Deganello A.1, Nicolai P.1
1University of Brescia, Otorhinolaryngology - Head and Neck Surgery, Brescia, Italy, 2University of Erciyes, Kayseri, Turkey

15:24 – 15:32 FP20-4
Role of ADAM-33 protein in laryngeal carcinogenesis and laryngeal cancer prognosis
1Kirklareli State Hospital, Kirklareli, Turkey, 2Kelkit State Hospital, Gumushane, Turkey, 3Marmara University, Istanbul, Turkey

15:32 – 15:40 FP20-5
PD-L1 expression and infiltrating CD8+ lymphocytes as immunotherapeutic targets in sinonasal cancer
Reda S.1, López F.1, García-Marín R.2, Naves-Cabal V.2, Riobello C.2, Hermisen M.2, Liorente J.L.1
1Hospital Universitario Central de Asturias (HUCA), Otolaryngology, Oviedo, Spain, 2Instituto de Investigación Sanitaria del Principado de Asturias, Department of Otolaryngology, Oviedo, Spain
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<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenters</th>
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<tr>
<td>15:40</td>
<td>FP20-6</td>
<td>Additional blood test can enhance diagnostic accuracy and predict survivals in nasopharyngeal carcinoma patients with post-radiation detectable plasma EBV DNA</td>
<td>Lin J.-C.1, Wang W.-Y.2, Liu Y.-C.1, Twu C.-W.3</td>
<td>Taichung Veterans General Hospital, Department of Radiation Oncology, Taichung, Taiwan, Republic of China</td>
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<td>Lin J.-C.1, Wang W.-Y.2, Liu Y.-C.1, Twu C.-W.3</td>
<td>Hung Kuang University, Department of Nursing, Taichung, Taiwan, Republic of China</td>
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<td>Lin J.-C.1, Wang W.-Y.2, Liu Y.-C.1, Twu C.-W.3</td>
<td>Taichung Veterans General Hospital, Department of Otorhinolaryngology, Taichung, Taiwan, Republic of China</td>
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<td>15:48</td>
<td>FP20-7</td>
<td>Immunomodulation role of radiotherapy in oropharyngeal cancer: preliminary results</td>
<td>Missale F.1, Belgioia L.2,3, Negrini S.4, Fenoglio D.4, Incandela F.5, Bacigalupo A.3, Vecchio S.6, Corvò R.3, Filaci G.4, Peretti G.1</td>
<td>University of Genoa, Otolaryngology Head and Neck Surgery, Genoa, Italy; University of Genoa, Health Science Department (Dissal), Genoa, Italy; IRCCS Ospedale Policlinico San Martino, Department of Radiation Oncology, Genoa, Italy; IRCCS Ospedale Policlinico San Martino, Department of Radiation Oncology, Genoa, Italy; IRCCS Ospedale Policlinico San Martino, Department of Medical Oncology, Genoa, Italy</td>
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<td>15:56</td>
<td>FP20-8</td>
<td>Importance of prognostic factors in a series of 131 patients with oropharyngeal cancers, with emphasis on HPV status and tumor dimensions</td>
<td>Hanssens C.1, de Saint Aubain N.2, Journe F.2, Rodriguez A.1, Javadan R.1, Loeb I.1, Sausséez S.1, Lechien J.1, Digonnet A.2, Dequanter D.4</td>
<td>CHU Saint-Pierre, Université Libre de Bruxelles, Brussels, Belgium; Bordet, Brussels, Belgium</td>
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<td>16:04</td>
<td>FP20-9</td>
<td>Are kisses dangerous? A few words about HPV transmission</td>
<td>Wierzbička M.1, Dikkers F.2, Klussmann J.3</td>
<td>Poznan University of Medical Science, Otolaryngology, Poznan, Poland; University of Amsterdam, Department of Otorhinolaryngology, Amsterdam, Netherlands; University of Cologne, Department of Otorhinolaryngology, Cologne, Germany</td>
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<td>16:04</td>
<td>FP20-10</td>
<td>HPV infection as a predictive biomarker for response to induction chemotherapy and concomitant chemoradiation in patients with advanced head and neck squamous cell carcinoma</td>
<td>Pondorfer P.1, Kasperek A.-K.2, Molnar S.2, Reinisch S.1, Moik F.2, Stotz M.2, Halm M.2, Szekandera J.2, Gerger A.3, Kapp K.S.4, Marvis Vásicsek S.2, Weiland T.2, Pichler M.3, Stoger H.2, Posch F.3, Thurner D.1</td>
<td>Medical University Graz - Division of General Otorhinolaryngology, Head and Neck Surgery, Department of Otorhinolaryngology; Comprehensive Cancer Center Graz, Graz, Austria; Medical University Graz - Division of Oncology, Department of Internal Medicine; Comprehensive Cancer Center Graz, Graz, Austria; Medical University Graz - Division of Oncology, Department of Internal Medicine; Comprehensive Cancer Center Graz, Graz, Austria; Medical University Graz - Division of Oncology, Department of Internal Medicine; Comprehensive Cancer Center Graz, Graz, Austria; Medical University Graz - Division of Oncology, Department of Internal Medicine; Comprehensive Cancer Center Graz, Graz, Austria; Medical University Graz - Division of Oncology, Department of Internal Medicine; Comprehensive Cancer Center Graz, Research Unit 'Noncoding RNAs and Genom Editing in Cancer', Graz, Austria; MD Anderson Cancer Center, Department of Experimental Therapeutics, Houston, United States</td>
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<td>16:12</td>
<td>FP20-11</td>
<td>Importance of prognostic factors in a series of 131 patients with oropharyngeal cancers, with emphasis on HPV status and tumor dimensions</td>
<td>Hanssens C.1, de Saint Aubain N.2, Journe F.2, Rodriguez A.1, Javadan R.1, Loeb I.1, Sausséez S.1, Lechien J.1, Digonnet A.2, Dequanter D.4</td>
<td>CHU Saint-Pierre, Université Libre de Bruxelles, Brussels, Belgium; Bordet, Brussels, Belgium</td>
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**Round Table – Pediatrics**

*Chair: H. Kubba, United Kingdom*  
*Moderator: T. Sharon Ovnat, Israel*

**Hall 400**

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<th>Time</th>
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<td>15:00</td>
<td>RTM86</td>
<td>Pediatric ORL infections</td>
<td>Daniel M.1, Daniel M.1</td>
<td>United Kingdom</td>
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<td>RTM89</td>
<td>Pediatric ORL infections</td>
<td>Tahtinen P.1</td>
<td>Finland</td>
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<td>RTM381</td>
<td>Pediatric ORL infections</td>
<td>Stiller-Timor L.1</td>
<td>Israel</td>
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15:00 – 16:30 The Arc

Free Paper – Otology/Neurotology

Auditory devices

Chairs: J. Muller, Germany; I. Dhooge, Belgium

15:00 – 15:08 FP22-1
Masking release with changing fundamental frequency: active middle ear stimulation resembles normal hearing listeners
Auinger A.1, Liepins R.1, Kaider A.2, Riss D.1, Arnoldner C.1
1Medical University of Vienna, Otolaryngology, Head and Neck Surgery, Vienna, Austria, 2Medical University of Vienna, Center for Medical Statistics, Informatics and Intelligent Systems, Vienna, Austria

15:08 – 15:16 FP22-2
Screening of GJB2 and GJB6 genes in Romanian cochlear implanted children
Radulescu L.1, Butnaru C.1, Cozma S.1, Birkenhaeger R.2, Martin C.1
1University of Medicine and Pharmacy ‘Grigore T Popa’, Iasi, Romania, 2University ENT Clinic, Freiburg, Germany

15:16 – 15:24 FP22-3
Electrophysiologic correlates in children with auditory neuropathy spectrum disorder
Tavartkiladze G.1,2, Lalayants M.1
1National Research Centre for Audiology and Hearing Rehabilitation, Moscow, Russian Federation, 2Russian Medical Academy for Continuous Professional Training, Moscow, Russian Federation

15:24 – 15:32 FP22-4
Hearing and speech understanding with the non-implantable wearing option Baha SoundArc
Kompis M.1, Gawlizcek T.2, Caversaccio M.1, Wimmer W.2
1Inselspital, University of Bern, Department of ENT, Head and Neck Surgery, Bern, Switzerland, 2ARTORG Center for Biomedical Engineering Research, Bern, Switzerland

15:32 – 15:40 FP22-5
Speech understanding and sound localization with the adhesively attached Adhear bone conduction hearing system
Kompis M.1, Gawlizcek T.2, Caversaccio M.2,3, Wimmer W.2
1University of Bern, ENT-Department, Bern, Switzerland, 2ARTORG Center for Biomedical Engineering Research, Bern, Switzerland, 3Inselspital, University of Bern, Department of ENT, Head and Neck Surgery, Bern, Switzerland

15:40 – 15:48 FP22-6
First results with a new, pressure-free, adhesive bone conduction hearing aid in children
Urík M.1, Hošnová D.1, Šlapák I.1, Odstrčilík J.2
1Faculty of Medicine, Masaryk University, Department of Pediatric Otorhinolaryngology, Brno, Czech Republic, 2Faculty Hospital Brno, Department of Pediatric Otorhinolaryngology, Brno, Czech Republic

15:48 – 15:56 FP22-7
A comparison between minimal invasive ponto surgery and linear incision technique with tissue preservation for bone anchored hearing implants: clinical outcomes after 6 months
Caspers C., Kruyt I., Mylanus E., Hol M, Radboud University Medical Center, Nijmegen, Netherlands

15:56 – 16:04 FP22-8
Electro-natural Stimulation (ENS) in partial deafness treatment: pediatric case series
Skarzynski H.1, Lorens A.1, Dziendziel B.1, Tomanek E.1, Dabkowska A.1, Skarzynski P.1,2,3
1Institute of Physiology and Pathology of Hearing, World Hearing Center, Warsaw, Poland, 2Medical University of Warsaw, Department of Heart Failure and Cardiac Rehabilitation, Warsaw, Poland, 3Institute of Sensory Organs, Kajetany, Poland

16:04 – 16:12 FP22-9
Long-term effects of early cochlear implantation: a success story?
Krijger S.1, Govaerts P.2,3, Coene M.2,3, Dhooge I.4
1Ghent University, Otorhinolaryngology, Gent, Belgium, 2The Eargroup, Deurne, Antwerp, Belgium, 3VU, Amsterdam, applied linguistics, Amsterdam, Netherlands, 4Ghent University & Ghent University Hospital, Ghent, Belgium
16:12 – 16:20
FP22-10
Otoacoustic emissions profile in tinnitus patients
Enache R.1, Decusara R.1,2, Sarafoleanu C.1,2,3
1ENT Sarafoleanu Medical Clinic, Bucharest, Romania,
2’Carol Davila’ University of Medicine and Pharmacy, Bucharest, Romania, 3ENT&HNS Department, „Sfanta Maria’ Hospital, Bucharest, Romania

16:20 – 16:28
FP22-11
Resting state EEG microstates in tinnitus patients
Deklerck A., Keppler H., Paul K., Degeest S., Pourtois G., Dhooge I.
Ghent University, Ghent, Belgium

16:00 – 16:30 Hall 300
Free Paper – Salivary Gland
FP Salivary Gland

16:00 – 16:08
FPSG4-1
The cosmetic outcome of cross-linked human acellular dermal matrix implantation after parotidectomy
Woo J.H., Lee J.H.
Gacheon University, Gil Medical Center, Otolaryngology-Head & Neck Surgery, Incheon, Korea, Republic of

16:08 – 16:16
FPSG4-2
Retrograde facial nerve dissection in parotidectomy: Reliable technique in 101 consecutive cases
Michel O.
Vrije Universiteit Brussel (VUB), Universitair Ziekenhuis Brussel (UZB), Dienst KNO, Brussel, Belgium

16:16 – 16:24
FPSG4-3
Surgical rehabilitation of stensen’s duct stenosis and megaducts: sialodochoplasty or transfacial approach?
Di Pasquale D., Cantarella G., Pignataro L., Capaccio P
Fondazione IRCCS Policlinico di Milano, ENT, Milano, Italy

15:00 – 16:30 MS 211&212
Free Paper – Laryngology
Airway I
Chairs: P. Dulguerov, Switzerland; C. Piazza, Italy

15:00 – 15:08
FP24-1
Outcome prediction of laryngotracheal reconstruction with costal graft in pediatric patients: role of European Laryngological Society Score (ELS-Score)
Fiz I.1, Eismann S.1, Koelmel J.-C.1, Di Dio D.1, Goetz V.1, Steimer J.1, Fiz F.2,3, Piazza C.4, Peretti G.5, Sittel C.1
1Klinikum Stuttgart, Otorhinolaryngology Head and Neck Surgery, Stuttgart, Germany, 2University of Tuebingen, Radiology, Tuebingen, Germany, 3University of Genoa, Internal Medicine, Genoa, Italy, 4Fondazione IRCCS, National Cancer Institute of Milan, Otorhinolaryngology, Maxillofacial and Thyroid Surgery, Milan, Italy, 5University of Genoa, Otorhinolaryngology Head and Neck Surgery, Genoa, Italy

15:08 – 15:16
FP24-2
Results of multiple-stage reconstructive surgery with T-tube stenting of the trachea for laryngotracheal stenosis
Konstantinova O., Maltcev S., Giss N., Dyatlova N., Biron A.
Central City Hospital 23, Ural State Medical University, Ekaterinburg, Russian Federation

15:16 – 15:24
FP24-3
The management of patients with postintubation larynx stenosis in children
Alferova V., Vodolazov S., Chumicheva I., Vyazmenov E., Nekrasova N., Budeikina L., Pryanikov P.
Russian Child Clinical Hospital, Moscow, Russian Federation

15:24 – 15:32
FP24-4
Surgical treatment of acquired subglottic stenosis in children: the role of laryngotracheoplasty
Carta F.1, Piras N.1, Chuchueva N.2, Mariani C.1, Bekpan A.3, Puxeddu R.1
1Università degli Studi di Cagliari, Otorhinolaryngology, Cagliari, Italy, 2Moscow State University of Medicine and Dentistry, Moscow, Russian Federation, 3UMC National Research Center for Mother and Child Health, Astana, Kazakhstan
15:32 – 15:40
FP24-5
Hormone pathways in subglottic laryngeal stenosis
Fiz I.1, Koelmel C.J.1, Fiz F.2, Piazza C.3, Peretti G.4, Sittel C.1
1Katharinennhospital Stuttgart, ENT-Surgery, Stuttgart, Germany, 2University of Tuebingen, Nuclear Medicine Unit, Department of Radiology, Tuebingen, Germany, 3Fondazione IRCCS, National Cancer Institute of Milan, Department of Otorhinolaryngology, Maxillofacial and Thyroid Surgery, Milan, Italy, 4University of Genoa, ENT-Surgery, Genoa, Italy

15:40 – 15:48
FP24-6
Patient-specific three-dimensional printed models enhance laryngotracheal reconstruction surgery planning
Huang C.Y.1, Lin Y.-S.1,2,3, Chang T.-S.1,2,4
1Kaohsiung Veteran General Hospital, Department of Otolaryngology, Head and Neck Surgery, Kaohsiung City, Taiwan, Republic of China, 2National Defense Medical Center, School of Medicine, Taipei, Taiwan, Republic of China, 3Tri-Service General Hospital, Department of Otolaryngology, Head and Neck Surgery, Taipei, Taiwan, Republic of China, 4Institute of Public Health, National Cheng Kung University, College of Medicine, Tainan City, Taiwan, Republic of China

15:48 – 15:56
FP24-7
Reconstruction of the subglottic airway in cases of benign and malignant lesions
Zoltán T., Bach A., Sztnó B., Rovó L.
University of Szeged, Department of Oto-Rhino-Laryngology and Head-Neck Surgery, Szeged, Hungary

15:56 – 16:04
FP24-8
Autoimmune associated subcordal stenosis at the conus elastics: a distinct clinical condition
Benner D.1,2, Burgess B.D.1, Hillel A.T.1
1The Johns Hopkins University School of Medicine, Otolaryngology, Baltimore, United States, 2Medical University of Vienna, Vienna, Austria

16:04 – 16:12
FP24-9
Endoscopic diode laser surgery of Laryngotracheal Stenosis
Ulupov M., Ryabaeva M.
Pavlov First Saint Petersburg State Medical University, Saint Petersburg, Russian Federation

16:12 – 16:20
FP24-10
What is the most valuable predictive criteria on the success of endolaryngeal approaches for laryngotracheal stenosis?
Çadalli Tatar E., Keseroğlu K.1, Altan E.1, Bayır O.1, Saylam G.1, Korkmaz M.H.2
1The Republic of Turkey, University of Medical Sciences, Dışkapı Yıldırım Beyazıt Training and Research Hospital, Otolaryngology, Ankara, Turkey, 2Yıldırım Beyazıt University, Faculty of Medicine, Otolaryngology, Ankara, Turkey

15:00 – 16:30 MS 311&312
Free Paper – Rhinology
Chronic Rhinosinusitis

15:00 – 15:08
FP25-1
The effect of simultaneous inferior turbinate surgery on postoperative results in endoscopic sinus surgery
Gokdogan O., Atay C., Koseoglú S., Ozgur E., Ucuncu H.
Mugla University Faculty of Medicine, Department of Otorhinolaryngology, Mugla, Turkey

15:08 – 15:16
FP25-2
Radiofrequency ablation of inferior turbinate for nasal obstruction-subgroup analysis
Carmel-Neiderman N.N.1, Abergel A.2
1Tel Aviv Sourasky Medical Center affiliated to the Sackler School of Medicine, Tel Aviv University, Otolaryngology, Tel Aviv, Israel, 2Tel Aviv Soraski Medical Center, Sackler Faculty of Medicine Tel Aviv University, Otolaryngology, Tel Aviv, Israel

15:16 – 15:24
FP25-3
Disease characteristics among patients with fungal and non fungal allergic nasal polyposis at a quaternary care center in Saudi Arabia
Marglani O.
Umm Al-Qura University, Makkah, Saudi Arabia

15:24 – 15:32
FP25-5
Active management of chronic rhinosinusitis with simple minimally endoscopic surgery
Tran Le T.1, Tran T.2
1National Hospital of Otolaryngology, Thuy Tran Otolaryngology Clinics, Ha Noi, Viet Nam, 2Bach Mai Hospital, ENT, Ha Noi, Viet Nam
FP25-6
Prognostic factors for recurrence after endoscopic sinus surgery for chronic rhinosinusitis with nasal polyps
Salvador P., Gomes P., Lombo C., Costa R., Moreira da Silva F., Fonseca R.
Hospital Senhora da Oliveira - Guimarães, ENT, Guimarães, Portugal

15:40 – 15:48
FP25-8
Atopy in chronic rhinosinusitis with nasal polyps: impact on quality of life and clinical outcomes
Pinter P.1, Schiappolli M.2, Carminati M.2, De Rossi S.1, Di Maro F.1, Marchioni D.1, Senna G.2
1AOUI, ENT, Verona, Italy, 2AOUI, USD Allergologia, Verona, Italy

15:00 – 16:30 MS 201 A/B
Free Paper – Pediatrics
Pediatric: Miscellaneous

Chair: I. Bruce, United Kingdom

15:00 – 15:08
FP26-1
HOPE - humanitarian outpatient pediatric endeavor
Levy E.1,2, Kutikov S.3, Ronen O.1,2, Sela E.1,2, Gruber M.1,2
1Galilee Medical Center, Department of Otolaryngology - Head and Neck Surgery, Nahariya, Israel, 2Bar-Ilan University, Azrieli Faculty of Medicine, Safed, Israel, 3Colonel, IDF, Commander of the Medical office, Good Neighbor Directorate, Nahariya, Israel

15:08 – 15:16
FP26-2
A randomized controlled study of partial and total tonsillectomy in children
Ma Z., Li Y., Teng Y.
No.1 People’s Hospital of Hangzhou affiliated to Zhejiang University Medical College, Otorhinolaryngology, Head & Neck Surgery, Hangzhou, China

15:16 – 15:24
FP26-3
Posttonsillectomy bleeding: blame on diet?
Carvalho T.1, Oliveira M.1, Serras D.1, Nurdin A.1, Martins P.1, Fernandes E.2, Luis L.1
1Centro Hospitalar de Lisboa Norte, Lisboa, Portugal, 2Faculdade de Medicina da Universidade de Lisboa, Lisboa, Portugal

15:24 – 15:32
FP26-4
Day case adenotonsillectomy for healthy children over three years with Sleep Disordered Breathing: retrospective review of practice, audit and change in protocol
Coyle P., Lozidou A., Jablenska L., Watson K., Bewick J., Jonas N.
Addenbrooke’s Hospital, ENT, Cambridge, United Kingdom

15:32 – 15:40
FP26-5
Coblation® intracapsular tonsillectomy in children with recurrent tonsillitis: a prospective study of 404 consecutive cases with long term follow up
Prentice J., Tweedie D., Shamil E., Hoey A., Nogueira C., Mason K.
Evelina London Children’s Hospital, London, United Kingdom

15:40 – 15:48
FP26-6
Do parents want to share decisions about surgery? Clinician and parent perception of preferred involvement in decision-making
Boss E.F.1, Links A.R.1, Callon W.2, Wasserman C.2, Walsh J.1, Tunkel D.1, Beach M.C.2
1Johns Hopkins School of Medicine, Otolaryngology, Baltimore, United States, 2Johns Hopkins School of Medicine, Baltimore, United States

15:48 – 15:56
FP26-7
Adenotonsillotomy versus adenotonsillectomy in management of upper airway obstructive syndrome in children evaluated by polysomnography
Petreska-Dukovska V.
PZU Remedika, Skopje, Macedonia, the Former Yugoslav Republic of

15:56 – 16:04
FP26-8
Effect of adenotonsillectomy on central apnea indicators in children with severe obstructive sleep apnea syndrome
Reis Antunes J.1, Loureiro H.C.2, Órfão J.1, Raposo D.1, Melo M.1, Adônis C.1, Freire F.1
1Hospital Professor Doutor Fernando Fonseca, Otolaryngology, Amadora, Portugal, 2Hospital Professor Doutor Fernando Fonseca, Pediatrics, Amadora, Portugal
15:00 – 16:30 MS 213&215
Free Paper – Otology/Neurotology
Chronic Otitis Media

Chairs: F. Trabalzini, Italy; B. Fraysse, France

15:00 – 15:08
FP27-9
Health related quality of life after the bony obliteration tympanoplasty for COM with cholesteatoma using the COMQ2 - a disease specific PROM
Baetens W., van Dinther J., Vanspauwen R., Maryn Y., Zarowski A., Offeiers E.
European Institute for ORL-HNS, Department ENT-HNS Sint Augustinus GZA, Antwerp, Belgium

15:08 – 15:16
FP27-1
Developmental petrous apex lesions, a Long-term follow up
Ezzat A., Youssef A., Munir N.
Aintree University Hospital, ENT, Liverpool, United Kingdom

15:16 – 15:24
FP27-2
Cholesteatoma in Cyprus using the EAONO/JOS classification and staging system - first results
Anagiotos A., Vasileiadis V., Aspris A.
Nicosia General Hospital, ENT Department, Nicosia, Cyprus

15:24 – 15:32
FP27-3
More than “just another runny ear”. Surgical incidence of Cholesteatoma in the Top End Northern Territory
Reyes-Chicuellar N.1, Crossland G.2, Patel H.3
1Royal Hobart Hospital, Ear, Nose and Throat Department, Hobart, Australia, 2Royal Darwin Hospital, Ear, Nose and Throat Department, Darwin, Australia, 3Royal Hobart Hospital, Ear, Nose and Throat Department, Darwin, Australia

15:32 – 15:40
FP27-4
The MO-meatocanalplasty: long term results in the narrow external auditory canal with recurrent otitis externa or the inability to wear a hearing aid
De Greve G., van Dinther J., Zarowski A., Offeiers E., Verstreken M.
Sint-Augustinus Hospital, Otorhinolaryngology & Head and Neck Surgery, Wilrijk, Belgium

15:40 – 15:48
FP27-5
Our experience with endoscopic transcanal myringoplasty in pediatric practice
Polev G., Grachev N., Morozov I., Vorozhtsov I., Frolov S.
NSRC PHOI n/a Dmitry Rogachev, Head and Neck Surgery, Moscow, Russian Federation

15:48 – 15:56
FP27-6
Endoscopic ear surgery: why and how to switch from microscope to endoscope
Euben J.1, Machiels S.1, Mardyla N.1,2
1Centre Hospitalier Régional de la Citadelle, ENT, Liège, Belgium, 2CHU UCLouvain Namur - Site Sainte Elisabeth, ENT, Namur, Belgium

15:56 – 16:04
FP27-7
Biomechanical properties of the fragmented cartilage graft for tympanoplasty
Petrova L.1, Gornostay I.2, Michasev G.3
1Belarusian Medical Academy of Postgraduate Education, ENY, Minsk, Belarus, 2Republican Scientific and Practical Center of Otorhinolaryngology, Minsk, Belarus, 3Belarusian State University, Minsk, Belarus

16:04 – 16:12
FP27-8
The complete restoration of tympanic membrane - experimental evidence of tissue engineering approach for chronic perforations treatment
Mokoyan Z.1, Svistushkin V.1, Zolotova A.1, Timashev P.2
1The First Moscow State Medical University (Sechenov University), Ear, Nose and Throat Department, Moscow, Russian Federation, 2The First Moscow State Medical University (Sechenov University), Institute of Regenerative Treatment, Moscow, Russian Federation

16:12 – 16:20
FP27-10
Middle ear primary inverted papilloma in a paediatric patient: combined microscopic-endoscopic approach
Rojas Lechuga M.J., Langdon C.1, Larrosa F.1, García-Ibáñez L.2
1Hospital Cliníca de Barcelona, Otolaryngology, Barcelona, Spain, 2Instituto de Otología García-Ibáñez, Otolaryngology, Barcelona, Spain
**15:00 – 16:30  MS 214&216**

**Free Paper – General**

From Training to Quality Control

Chairs: U. Pedersen, Denmark; K. Rak, Germany

**15:00 – 15:08  FP28-4**

Quality of life after ENT H&N oncological surgeries

Bejenaru P.-L.¹, Bertesteianu S.¹,², Antonie-Simion C.¹, Cîrstea A.¹, Condeescu M.¹, Munteanu G.¹, Nitu L.¹,², Popescu B.¹,², Popescu C.-R.¹,², Grigore R.¹,²

¹Coltea Clinical Hospital, ENT, Bucharest, Romania, ²University of Medicine, ENT, Bucharest, Romania

**15:08 – 15:16  FP28-1**

Augmenting ENT outside the medical school curriculum: the role of a 1-day otolaryngology course

Spiers H.¹, Enayati H.², Moussa R.², Zargaran A.², Ofo E.³

¹Manchester Royal Infirmary, Manchester, United Kingdom, ²St George’s, University of London, London, United Kingdom, ³St George’s Hospital NHS Foundation Trust, Otolaryngology-Head and Neck Surgery, London, United Kingdom

**15:16 – 15:24  FP28-2**

A systematic review of factors affecting choice of otolaryngology as a career in medical students and junior doctors

Mayer A.W., Smith K.A., Carrie S.

Newcastle upon Tyne Hospitals NHS Foundation Trust, Ear, Nose & Throat, Newcastle Upon Tyne, United Kingdom

**15:24 – 15:32  FP28-3**

Validating a simulated emergency course for specialist ENT nurses

de Cates C.¹, Kenyon O.², Swords C.¹, Smith M.E.¹, Macglinley-Kerr K.¹, Watson K.¹, Tysome J.R.¹

¹Addenbrooke’s Hospital, Department of Otolaryngology, Head & Neck Surgery, Cambridge, United Kingdom, ²Luton & Dunstable Hospital, Department of Otolaryngology, Head & Neck Surgery, Luton, United Kingdom

**15:32 – 15:40  FP28-5**

A model of international cooperation in otorhinolaryngology. 3 different groups working synergically in the Saharawi refugees camps

Pérez-Garrigues T.,² Pérez-Carbonell T.,² Estrems-Navas P., García-Rodriguez J.-C.³, Caravaca-García A.⁴

¹Lluis Alcanyís Hospital of Xativa, Xativa, Spain, ²Clinic Universitary Hospital of Valencia, Valencia, Spain, ³Fundación La Vituña, Puerto de Santamaría, Spain, ⁴Hospital Punta Europa, Algeciras, Spain

**15:40 – 15:48  FP28-6**

From the Hillsborough disaster to healthcare disasters - Understanding cognitive bias and why we don’t learn from error

Thevasagayam R.

Sheffield Children’s Hospital, ENT, Sheffield, United Kingdom

**15:48 – 15:56  FP28-8**

We can and should ask the informed consent for residents to participate in surgeries - randomized trial

Araujo J.¹, Subti J.¹, Jardim A.¹, Nicola P.², Saraiva J.³

¹Hospital CUF Descobertas, Lisbon, Portugal, ²Faculdade de Medicina da Universidade de Lisboa, Lisbon, Portugal

**15:56 – 16:04  FP28-9**

Perioperative patient safety with using NIRS monitoring during hypotensive anesthesia

Kraleva S.¹, Stojcheska V.², Biljana S.³

¹City General Hospital, ²September, Anesthesia, Skopje, Macedonia, the Former Yugoslav Republic of, ³City General Hospital, ³September, ENT Surgery, Skopje, Macedonia, the Former Yugoslav Republic of, ⁴Clinic for Ear, Nose and Throat Surgery, Skopje, Macedonia, the Former Yugoslav Republic of

**16:04 – 16:12  FP28-10**

Work-related musculoskeletal symptoms among otorhinolaryngology-head and neck surgery residents

Alkholaawi F.¹, Bin Dhamsh A.¹, Alahmari A.², Shadid A.¹, Alharbi A.¹

¹Al Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia, Otorhinolaryngology, Head and Neck Surgery, Riyadh, Saudi Arabia, ²King Saud University, Otorhinolaryngology, Head and Neck Surgery, Riyadh, Saudi Arabia
16:12 – 16:20  
FP28-11  
“Sleeping Beauties” in otolaryngology literature  
Fenton J.1, Coelho D.2, Kirk A.3, Miller D.3, Hasan K.3  
1UL-GEMS, ORL-HNS, Limerick, Ireland,  
2Commonwealth University School of Medicine Richmond, ORL-HNS, Richmond, United States,  
3Commonwealth University School of Medicine Richmond, School of Medicine, Richmond, United States

15:00 – 16:30  MS 313&315  
Free Paper – Pediatrics  
Pediatric Rhinology

15:00 – 15:08  
FP29-1  
Premaxillary abscess without bony erosion: an unusual complication of pediatric acute maxillary sinusitis  
Luscan R.1, Truffert E.1, Simon F.1, Belhous K.2, Verillaud B.3, Garabedian E.N.1, Leboulanger N.1, Coulignon V.1  
1Necker Enfants Malade Hospital, Pediatric Otolaryngology Department, Paris, France, 2Necker Enfants Malade Hospital, Radiology Department, Paris, France, 3Lariboisière Hospital, Assistance Publique – Hôpitaux de Paris, Université Paris Diderot, Otolaryngology Department, Paris, France

15:08 – 15:16  
FP29-3  
Primary ciliary dyskinesia - state of the art and future perspectives  
Hackenberg S., Hebestreit H., Scherzad A., Hagen R., Lodes N., Steinke M.  
University of Wuerzburg, Wuerzburg, Germany

15:16 – 15:24  
FP29-4  
Sinonasal disease in children with cystic fibrosis: the experience of a children’s tertiary referral centre  
Bento M., Damaso R., Moreira I., Sousa H., Cavaco J., Barros E.  
Centro Hospitalar Lisboa Central, Lisboa, Portugal

15:24 – 15:32  
FP29-5  
Role of endoscopic dacryocystorhinostomy in paediatric nasolacrimal duct obstruction: an outcome study  
Sanasiaya J.  
Universiti Sains Malaysia, Department of ORL-HNS, Kota Bharu, Malaysia

15:32 – 15:40  
FP29-6  
Results of Choanal Atresia surgery over 20 years  
Attya H.1, Callaby M.2, Thevasagayam R.1  
1Sheffield Children Hospital, Sheffield, United Kingdom, 2Medical School, Sheffield University, Sheffield, United Kingdom

15:40 – 15:48  
FP29-7  
Role of sino-nasal endoscopy in pediatric invasive and malignant lesions  
Elbosraty H.  
Cairo University, ENT, Cairo, Egypt

15:48 – 15:56  
FP29-8  
Postoperative results in children with silent sinus syndrome  
Rusetsky Y.1, Malyavina U.1, Pashkova A.2, Meytel I.3, Latysheva E.1  
1National Medical Research Center for Children’s Health Federal State Autonomous Institution of the Russian Federation Ministry of Health, ENT Surgery Department, Moscow, Russian Federation, 2National Medical Research Center for Children’s Health Federal State Autonomous Institution of the Russian Federation Ministry of Health, CT-Scan and Radiology Department, Moscow, Russian Federation, 3National Medical Research Center for Children’s Health Federal state autonomous institution of the Russian Federation Ministry of Health, ENT surgery department, Moscow, Russian Federation

15:56 – 16:04  
FP29-9  
Gastroesophageal reflux children is predict of acute recurrent rhinosinusitis: myth or reality?  
Shilenkov A.1, Shilenkova V.2  
1Yaroslavl Regional Clinical Hospital, ENT, Yaroslavl, Russian Federation, 2Yaroslavl State Medical University, Otorhinolaryngology, Yaroslavl, Russian Federation

16:04 – 16:12  
FP29-10  
Specific features of the nose injuries in children  
Cherkes M.12, Zabrovarna-Mykytiuk T.1, Gerega S.1, Mykytiuk Y.2  
1Lviv City Children’s Clinical Hospital, Otorhinolaryngology, Lviv, Ukraine, 2Lviv National Medical University, Lviv, Ukraine
15:00 – 16:30 MS 314&316

Free Paper – Head & Neck
Thyroid

Chairs: E. Panosetti, Luxembourg; L. Volpini, United Kingdom

15:00 – 15:08
FP30-1
Are there sustained improvements in neurocognitive and health-related quality of life (HRQol) symptoms following parathyroidectomy for primary hyperparathyroidism (PHPT)?
Ishii H.¹, Watkinson J.², Kim D.¹
¹St George’s Hospital NHS Foundation Trust, Department of ENT, Head and Neck Surgery, London, United Kingdom, ²Great Ormond Street Hospital, Department of Surgery, London, United Kingdom

15:08 – 15:16
FP30-3
Management of “low-risk” Differentiated Thyroid Cancer (LR-DTC) in the UK - the patient and surgeon perspectives
Ishii H.¹, Mihai R.², Nixon I.³, Watkinson J.⁴, Farnell K.³, Kim D.¹
¹St George’s Hospital NHS Foundation Trust, Department of ENT, Head and Neck Surgery, London, United Kingdom, ²John Radcliffe Hospital, Department of Endocrine Surgery, Oxford, United Kingdom, ³NHS Lothian, Department of ENT, Head and Neck Surgery, Edinburgh, United Kingdom, ⁴Great Ormond Street Hospital, Department of Surgery, London, United Kingdom

15:16 – 15:24
FP30-4
Outcomes of patients with regional metastasis of Well Differentiated Thyroid Carcinoma (WDTC) - the difference between primary vs. secondary Neck Dissection (ND)
Margulis I.¹, Gordon Y.², Shiner Y.³, Yanir Y.³, Doweck I.³
¹Carmel Medical Center, Otolaryngology, Head and Neck Surgery, Haifa, Israel, ²Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology, Haifa, Israel, ³Carmel Medical Center, Department of Otolaryngology Head and Neck Surgery, Haifa, Israel

15:24 – 15:32
FP30-6
Non-invasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features (NIFTP) can impact on malignancy rates and overtreatment?
Porfirio L.A.R.¹, Kruger M.T.², Porfirio L.K.R.², Moretz-Sohn P.F.¹, Silva S.P.d.², Silva R.R.d.²
¹Hospital Naval Marcialio Dias, Rio de Janeiro, Brazil, ²Instituto Maranhense de Oncologia Aldenora Bello, Sao Luis, Brazil

15:32 – 15:40
FP30-7
The correlation of the radiological, cytological and histological findings in thyroid nodules
Sherazi Z.A.¹, Pothula V.²
¹Wrightington, Wigan and Leigh NHS Trust, Otolaryngology, Wigan, United Kingdom, ²Wrightington, Wigan and Leigh NHS Foundation Trust, Otolaryngology, Wigan, United Kingdom

15:40 – 15:48
FP30-9
Diagnostic accuracy of thyroid nodules using the TIRADS and Bethesda criteria - is there a correlation?
Hazout H., Luria A., Rabinovics N.
Assuta University Hospital, Faculty of Health Sciences, Ben Gurion University of the Negev, Department of Otolaryngology - Head and Neck Surgery, Ashdod, Israel

15:48 – 15:56
FP30-10
Evaluation of perioperative examination and management of thyroid nodules and differentiated thyroid cancer in pediatric Grachev N.¹, Golubtsov A.², Vorozhtsov I.¹, Yaremenko E.¹, Babaskina N.¹
¹NSRC Phoi n/a Dmitry Rogachev, Moscow, Russian Federation, ²Moscow Regional Cancer Centre, Head and Neck, Baloshiha, Russian Federation

15:56 – 16:04
FP30-5
Utility of 2 phase 4D-CT in parathyroid localisation
Spiers H.¹, Pike G.², Antony A.², Jaikaransingh D.³, Ofo E.³
¹Manchester Royal Infirmary, Manchester, United Kingdom, ²St George’s, University of London, London, United Kingdom, ³St George’s Hospital NHS Foundation Trust, London, United Kingdom
Free Paper – Laryngology
Swallowing

Chair: V. Woisard, France

15:00 – 15:08
FP31-1
A new combined transoral approach for pharyngeal dysphagia
Chitose S., Kurita T., Sato K., Ono T., Fukahori M., Sueyoshi S., Sato F., Mihashi R., Shin B., Umeno H., Kurume University School of Medicine, Otolaryngology-Head and Neck Surgery, Kurume, Japan

15:08 – 15:16
FP31-2
Is it effective to introduce a non-instrumental bedside screen for dysphagia in stroke units?
Gan-El E., Roper N., Guerry N., Van Der Maren A.-S., Gilles N., Ligot N., Carlot S., 1Hôpital Erasme - ULB, ENT, Brussels, Belgium, 2Hôpital Erasme - ULB, Neurology, Brussels, Belgium

15:16 – 15:24
FP31-3
Long term swallowing performance following trans-oral robotic surgery for obstructive sleep apnea
Cohen J.T., Gil Z., Paker M., 1Rambam Health Care Campus, Otolaryngology, Haifa, Israel, 2Haemek Medical Center, Otolaryngology, Afula, Israel

15:24 – 15:32
FP31-5
The effect of a chin-down maneuver after esophagectomy on oropharyngeal swallowing pressure measured using high-resolution manometry
Kumai Y., Matsubara K., Miyamoto T., Samejima Y., Yoshida N., Baba H., Orita Y., 1Kumamoto University Graduate School of Medicine, Otolaryngology Head and Neck Surgery, Kumamoto, Japan, 2Kumamoto University Graduate School of Medicine, Gastroenterological Surgery, Kumamoto, Japan

15:32 – 15:40
FP31-6
Multichannel intraluminal impedance-pH monitoring as therapeutic tool for acid, nonacid and mixed laryngopharyngeal reflux: a preliminary study
Lechien J.R., Bobin F., Muls V., Dequanter D., Horoi M., Thill M., P., Ostermann K., Rodriguez A., Saussez S., 1CHU Saint-Pierre, Université Libre de Bruxelles, Otolaryngology-Head Neck Surgery, Brussels, Belgium, 2Poitiers Hospital, Poitiers, France, 3CHU Saint-Pierre, Université Libre de Bruxelles, Brussels, Belgium

15:40 – 15:48
FP31-7
Current trends in evaluation, diagnosis and treatment of laryngopharyngeal reflux disease: preliminary results of an international survey
Lechien J.R., Karkos P.D., Mouawad F., Ayad T., Bobin F., Huet K., Crevier-Buchman L., Hans S., Akst L., 1University of Mons, Anatomy, Mons, Belgium, 2Thessaloniki, ENT, Thessaloniki, Greece, 3University of Lille 2, ENT, Lille, France, 4Montreal University, ENT, Montreal, Canada, 5Poitiers, ENT, Poitiers, France, 6UMONS, Langage, Mons, Belgium, 7Foch Hospital - Versailles Saint Quentin en Yvelines University, ENT, Paris, France, 8Johns Hopkins School of Medicine, Laryngology, Baltimore, United States

15:48 – 15:56
FP31-8
Factors that may predict the psychosocial impact of a total laryngectomy
Beresteauanu S., Bejenaru P., Antonie- Simion C., Munteanu G., Condeescu M., Popescu B., Popescu C., Grigore R., 1Coltea Clinical Hospital, ENT, Bucharest, Romania, 2Carol Davila “ University of Medicine, ENT, Bucharest, Romania

15:56 – 16:04
FP31-9
What a pain in the neck! Anterior cervical pain syndrome risk factors, hyolaryngeal anatomy and treatments
Yang C., Penta M., Dewan K., 1Stanford University School of Medicine, Stanford, United States, 2Stanford University, Radiology, Stanford, United States, 3Stanford University, Otolaryngology - Head and Neck Surgery, Stanford, United States
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
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<tr>
<td>15:00 – 15:45</td>
<td>MS 202</td>
<td>Instructional Course – Basic ENT</td>
<td>Difficult epistaxis – how we do it</td>
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<td>15:00 – 15:22</td>
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<td>BTM11</td>
<td>M. Kleijwegt, Netherlands</td>
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<td>15:22 – 15:44</td>
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<td>BTM12</td>
<td>J. Embrechts, Netherlands</td>
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<td>15:45 – 16:30</td>
<td>MS 202</td>
<td>Instructional Course – Basic ENT</td>
<td>“My patients snore” – work up and treatment algorithm for OSAS in the general ENT practice</td>
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<td>15:45 – 16:30</td>
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<td>Discuss with Clemens Heiser</td>
<td>C. Heiser, Germany</td>
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<td>17:00 – 17:45</td>
<td>Silver Hall</td>
<td>Instructional Course – Head &amp; Neck</td>
<td>Surgical margins for open and robotic oropharyngeal surgery</td>
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<td>17:00 – 17:22</td>
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<td>Chair: C. Simon, Switzerland</td>
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<td>17:22 – 17:44</td>
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<td>H. Mehanna, United Kingdom</td>
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<td>17:00 – 17:45</td>
<td>Gold Hall</td>
<td>Instructional Course – Head &amp; Neck</td>
<td>Surgical margins for open (traditional) oropharyngeal cancer resection</td>
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<td>17:00 – 17:45</td>
<td>Copper Hall</td>
<td>Instructional Course – Rhinology</td>
<td>CRS - update on pathogenesis and the microbiome</td>
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<td>17:00 – 17:45</td>
<td>The Arc</td>
<td>Instructional Course – Otology/Neurotology</td>
<td>Necrotizing external otitis management</td>
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<td>Chair: S. Kosyakov, Russian Federation</td>
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**Courses and Details:**
- **Instructional Course – Basic ENT**: Difficult epistaxis – how we do it. Sessions at 15:00 – 15:45.
- **Instructional Course – Head & Neck**: Surgical margins for open and robotic oropharyngeal surgery. Sessions at 15:45 – 16:30 and 17:00 – 17:45.
- **Instructional Course – Rhinology**: CRS - update on pathogenesis and the microbiome. Sessions at 17:00 – 17:45.
- **Instructional Course – Otology/Neurotology**: Necrotizing external otitis management. Sessions at 17:00 – 17:45.
**MONDAY, JULY 1**

**17:00 – 17:45**  
**Hall 300**  
**Instructional Course – Salivary Gland**  
Prevention and treatment of sequelae of parotid surgery  
Chair: B. Bianchi, Italy  

17:00 – 17:10  
Intraoperative management of the facial nerve  
S. Triaridis, Greece  

17:10 – 17:20  
Facelift and SMAS  
E. Giotakis, Greece  

17:30 – 17:35  
Facial reanimation  
P. Pasche, Switzerland  

**17:00 – 17:45**  
**MS 211&212**  
**Instructional Course – Laryngology**  
Treatment algorithms for recurrent respiratory papillomatosis  
Chair: M. Hess, Germany  
ICM60  
F.G. Dikkers, Netherlands  
ICM214  
P. Noordzji, United States  

**17:00 – 17:45**  
**MS 311&312**  
**Instructional Course – Rhinology**  
DCR: indication assessment and treatment  
Chair: U. Hadi, Lebanon  
Antomy and function of the lacrimal apparatus  
A. Varini, Italy  
Epiphora and other indications for DCR  
V. Soares, Portugal  
The role of the endoscope in revision DCR  
U. Hadi, Lebanon  

**17:00 – 17:45**  
**MS 201 A/B**  
**Instructional Course – Pediatrics**  
Pediatric CSOM  
Chair: D. Choo, United States  
ICM38  
O. Cavel, Israel  
ICM40  
B. Reilly, United States  

**17:00 – 17:45**  
**MS 213&215**  
**Instructional Course – Skull Base**  
Nasopharynx to cavernous sinus – the final frontier?  
Chair: S. Carrie, United Kingdom  
ICM31  
P. Herman, France  

**17:00 – 17:45**  
**MS 214&216**  
**Instructional Course – Laryngology**  
Future prospectives for treatment of vocal fold scar  
Chair: L. Sulica, United States  
ICM24  
M. Gugatschka, Austria  
ICM256  
A. Giovanni, France  

**17:00 – 17:45**  
**MS 313&315**  
**Instructional Course – Facial Plastics**  
Decision making & techniques in partial nasal reconstruction  
ICM37  
T. Woolford, United Kingdom
17:00 – 17:45  MS 314&316
Instructional Course – Skull Base
Decision making in acoustic neuroma management

Chair: J. Schipper, Germany
ICM10
M. Aristegui, Spain
ICM11
C. Arnoldner, Austria

17:00 – 17:45  MS 204
Instructional Course – Laryngology
Swallowing disorder in tracheostomized patients. Diagnostics and problem solving strategy in Intensive Care Unit

Chair: T. Nawka, Germany
ICM55
G. Lawson, Belgium
ICM57
V. Woisard, France

17:00 – 17:45  MS 202
Instructional Course – Basic ENT
UEMS/EBE-ORL mock exam
# PROGRAM GRID TUESDAY, JULY 2

<table>
<thead>
<tr>
<th>Room</th>
<th>Gold Hall</th>
<th>Copper Hall</th>
<th>Silver Hall</th>
<th>Hall 100</th>
<th>Hall 400</th>
<th>The Arc</th>
<th>Hall 300</th>
<th>MS 211&amp;212</th>
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<tbody>
<tr>
<td>08:00 – 08:45</td>
<td>Sinus imaging and image guidance: top tips for the surgeon</td>
<td>Transmastoid repair of CSF fistula</td>
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<td>What’s new in smell and taste disorders?</td>
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<td>Acute airway management in adults and children: work-up and treatment algorithm</td>
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<td>AO+ASHNO – Treatment of Oral Cancers – Controversy to Consensus</td>
<td>Management of Advanced Acoustic Neuroma</td>
<td>Transgender surgery for voice</td>
<td>Treatment options in unilateral vocal fold paralysis</td>
<td>Non CPAP treatment of OSA</td>
<td>Laryngeal pacing and reinnervation</td>
<td>Oropharyngeal dysphagia – current advice for assessment strategy and diagnostic tools</td>
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<td>Therapeutic potential of infiltrating T-cells</td>
<td>Anterior skull base surgery – a sneak preview of the future</td>
<td>The TNM classification of laryngeal cancer revisited: is it still suitable to select the adequate surgical treatment?</td>
<td>Is indirect Phonosurgery under local anesthesia a historical approach or a new chance for office procedures in the future?</td>
<td>Upper airway stimulation</td>
<td>QOL in patients with CRS and allergic rhinitis</td>
<td>The basics of stroboscopy</td>
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<td>FP41 Pediatric Otolaryngology: Otitis &amp; Infections</td>
<td>FP42 Vestibular disorders</td>
<td>FP43 Airway II</td>
<td>FP45 Phoniatrics II</td>
<td>FP44 Sleep medicine</td>
<td>FP 46 Risk factor and comorbidity in H&amp;N cancer</td>
<td>FP 47 Early Cancer – Papillomatosis and early laryngeal cancer</td>
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<td>Inferior turbinectomy and allergic rhinitis: when and how?</td>
<td>Squamous cell carcinoma of the temporal bone</td>
<td>Trans-nasal office approaches for benign and premalignant laryngeal disease</td>
<td>Fascia injection for vocal cord augmentation</td>
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**PROGRAM DETAILS – TUESDAY, JULY 2**

Program as per printing date. Any changes after the printing date are reflected in the Congress App.

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00 – 08:45</td>
<td>Gold Hall</td>
<td><strong>Instructional Course – Rhinology</strong></td>
<td>Sinus imaging and image guidance: top tips for the surgeon</td>
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<td><strong>IGS</strong></td>
<td>P. Goncalves, Portugal</td>
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<td><strong>Imaging CT/MRI</strong></td>
<td>L. Jovancevic, Serbia</td>
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<td>08:00 – 08:45</td>
<td>Copper Hall</td>
<td><strong>Instructional Course – Otology/Neurotology</strong></td>
<td>Transmastoid repair of CSF fistula</td>
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<td>S. Lloyd, United Kingdom</td>
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<td>08:00 – 08:45</td>
<td>Silver Hall</td>
<td><strong>Instructional Course – Head &amp; Neck</strong></td>
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<td><strong>Instructional Course – Rhinology</strong></td>
<td>Septal perforation repair: fully endonasal to options outwith the nose</td>
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<td>G. Serin, Turkey</td>
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<td><strong>Instructional Course – Otology/Neurotology</strong></td>
<td>How to avoid and resolve complications in cochlear implantation</td>
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<td>A. Ramos, Spain</td>
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<td>08:00 – 08:45</td>
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<td><strong>Instructional Course – Pediatrics</strong></td>
<td>Pediatric Voice</td>
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<td>C. Hartnick, United States</td>
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<td>08:00 – 08:45</td>
<td>MS 211&amp;212</td>
<td><strong>Keynote Lecture – General</strong></td>
<td>3D printing – are we ready for the revolution</td>
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<td>J. Anderson, Canada</td>
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<td>Instructional Course – Facial Plastics</td>
<td>Cocaine and midline lesions: from diagnosis to reconstruction</td>
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<td>Middle fossa approach in different skull base pathologies for otorhinolaryngologists</td>
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<td>08:00 – 08:45</td>
<td>MS 213&amp;215</td>
<td>Instructional Course – Laryngology</td>
<td>Recurrent laryngeal nerve paralysis with synkinesis: current concepts</td>
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<td>08:00 – 08:45</td>
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<td>Instructional Course – Laryngology</td>
<td>Diagnosing and treating the strained voice</td>
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<td>08:00 – 08:45</td>
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<td>Instructional Course – Laryngology</td>
<td>Googlies in Laryngology</td>
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<td>Management of subglottic stenosis with corticosteroid injections: how I do it</td>
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<td>Gold Hall</td>
<td>Round Table – Rhinology</td>
<td>What’s new in smell and taste disorders?</td>
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<td>09:00 – 10:30</td>
<td>Copper Hall</td>
<td>Round Table – Otology/Neurotology</td>
<td>Update in cholesteatoma management</td>
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<td>Radiological appearance of mastoid obliteration using bioactive glass granules</td>
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<td>From endoscopic approach to obliteration in cholesteatoma surgery</td>
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<td>J. van Dinther, Antwerp, Belgium</td>
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09:00 – 10:30  Silver Hall

Round Table – Head & Neck
Salvage surgery in Head and Neck
Chair: W. Golusinski, Poland
Moderator: M. Hamoir, Belgium
RTT103
S. Hosal, Turkey
RTT104
R. Leemans, Netherlands
RTT105
M. Quer, Spain

09:00 – 10:30  Hall 100

Round Table – Rhinology
Facial Pain
Chair: H. Ramadan, United States
Moderator: A. Agius, Malta
RTT45
J. Lee, United States
RTT46
A. Peric, Serbia
RTT48
T. Soklic Kosak, Slovenia

09:00 – 10:30  The Arc

Round Table – Pediatrics
Congenital Anomalies of the Head and Neck
Moderator: N. Bateman, United Kingdom
RTT32
T. Kamani, United Kingdom
RTT33
M. Pellicer, Spain
RTT34
S. Sobol, United States
RTT436
D. Preciado, United States

09:00 – 10:30  Hall 300

Round Table – Head & Neck
Current Surgical Treatment of Laryngeal cancer
Moderator: O. Guntinas, Germany
Introduction
O. Guntinas, Germany
TLM for laryngeal cancer. Indications and outcomes
P. Ambrosch, Germany
Total laryngectomy in the era of organ preservation
G. Eskiizmir, Turkey
Case presentations: intermediate stage laryngeal cancer
G. Peretti, Italy
Surgical management of the neck in laryngeal cancer
J. Rodrigo, Spain
Role of partial laryngectomies in the organ sparing approach to laryngeal cancer
G. Succo, Italy
Discussion
O. Guntinas, Germany

09:00 – 10:30  MS 211&212

Round Table – General
Perspectives for young Otolaryngologists around the world
Chair: D. Smit, Netherlands
Moderator: N. Fakhry, France
The young otolaryngologists of IFOS
N. Fakhry, France
Challenges for YO
T. Kennel, France
Example of international collaborative project: The development of new clinical instruments in laryngopharyngeal reflux disease: the international project of YO-IFOS
J. Lechien, Belgium
Global Professional behaviors and networking preferences of young otolaryngologists - An international survey
K. Stephenson, United Kingdom
Barriers to Research during residency
A. Melkane, Lebanon
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<tr>
<td>09:00 – 10:30</td>
<td>MS 311&amp;312</td>
<td>Open rhinoplasty: major procedures to achieve optimal results</td>
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<th>Round Table – Skull Base</th>
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<td>09:00 – 10:30</td>
<td>MS 201 A/B</td>
<td>Small acoustic neuromas – pros and cons of different management strategies</td>
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<td>Chair: P. Cayé-Thomasen, Denmark</td>
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<td>I. Elmaci, Turkey</td>
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<td>09:00 – 10:30</td>
<td>MS 204</td>
<td>Adductor Spasmodic Dysphonia – current concepts in diagnosis and treatment</td>
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<td>Chair: C. Gorriz, Spain</td>
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<td>D. Chhetri, United States</td>
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<td>Adductor spasmodic dysphonia: Botulinum toxin A injections or laser thyroarytenoid myoneurectomy?</td>
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<td>T. Langeveld, Netherlands</td>
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<th>Time</th>
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<tr>
<td>09:00 – 10:30</td>
<td>MS 214&amp;216</td>
<td>AAO-HNS – Adverse Events in Otolaryngology-Head and Neck Surgery: Are We Better at Managing Complications?</td>
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<td>Moderator: E. Voigt, United States</td>
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<td>Prevention and management and CSF leak in Endoscopic Skull Base Surgery</td>
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<td>E. Hanna, United States</td>
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<td>Complications of endoscopic sinus surgery: avoidance, recognition and management</td>
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<td>A. Sedaghat, United States</td>
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<td>Avoidance of the airway complications in Head and Neck Surgery</td>
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<td>M. Turner, United States</td>
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<td>Prevention of pharyngocutaneous fistulas in simultaneous TORS and neck dissections</td>
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<td>E. Vural, United States</td>
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09:00 – 10:30   MS 314&316
Round Table – Head & Neck
Advances in the assessment and treatment of oral cancer
Chair: Y.-S. Lin, Taiwan, Republic of China
Moderator: C.-Y. Chien, Taiwan, Republic of China
RTT15
K.-P. Chang, Taiwan, Republic of China
RTT9
C.-H. Hua, Taiwan, Republic of China
RTT11
Y.-S. Leu, Taiwan, Republic of China
RTT201
P.-J. Lou, Taiwan, Republic of China
RTT14
S.-K. Tai, Taiwan, Republic of China

09:00 – 11:30   MS 204
Round Table – Laryngology
Assessment and treatment of chronic cough
Chair: P. Woo, United States
Moderator: T. Yılmaz, Turkey
RTT21
A. Berna Dursun, Turkey
RTT22
M. Courey, United States
RTT23
R. Franco, United States
RTT25
M. Ozcan, Turkey

09:00 – 09:45   MS 202
Instructional Course – Basic ENT
What I have learned in my years of performing TLM for laryngeal cancer
09:00 – 09:45
BTM14
C. Piazza, Italy

09:45 – 10:30   MS 202
Instructional Course – Basic ENT
Swelling in the neck: work-up and management

09:45 – 10:30
ICT318
R. Baatenburg de Jong, Netherlands

11:00 – 11:30   Gold Hall
Keynote Lecture – Rhinology
Office based treatments – time to abandon the Operating Theatre?
Chair: I. Yorulmaz, Turkey
KLT23
S. Carrie, United Kingdom

11:00 – 11:30   Copper Hall
Keynote Lecture – Otology/Neurotology
Superior canal dehiscence: pros & cons, myths or facts?
Chair: L. Luis, Portugal
KLT493
H. Powell, United Kingdom

11:00 – 11:30   Silver Hall
Keynote Lecture – Head & Neck
Surgery vs radiotherapy in laryngeal cancer
KLT41
O. Elicin, Switzerland
KLT42
R. Giger, Switzerland

11:00 – 11:30   Hall 100
Keynote Lecture – Rhinology
Managing CSF leaks – how hard can it be?
Chair: G. Bachmann-Harildstad, Norway
KLT18
H.R. Briner, Switzerland
11:00 – 11:30  Hall 400
Keynote Lecture – Skull Base
Robotics/Robosculpt
Chair: N. Donnelly, United Kingdom
KLT30
D. Kunst, Germany

11:00 – 11:30  The Arc
Keynote Lecture – Pediatrics
Pediatric head and neck surgery
Chair: S. Sobol, United States
KLT26
H. Kubba, Scotland

11:00 – 11:30  Hall 300
Keynote Lecture – Head & Neck
New prognostic factors in Head and Neck Cancer
Chair: J. Rodrigo, Spain
KLT21
A. Castro, Portugal

11:00 – 11:30  MS 211&212
Keynote Lecture – General
Do we need different guidelines for antibiotic treatment in different countries?
Chair: A. Hermansson, Sweden
KLT376
D. Preciado, United States

11:00 – 11:30  MS 201 A/B
Keynote Lecture – Skull Base
Sinonasal and skull base cancers: progression, challenges and future directions
Chair: J. Lee, United States
KLT33
C. Georgalas, Greece

14:30 – 15:00  MS 213&215
Keynote Lecture – Laryngology
Quality of life after treatment for laryngeal cancer
Chair: R. Simo, United Kingdom
KLT27
I. Vilaseca, Spain

11:00 – 11:30  MS 214&216
Keynote Lecture – Phoniatrics
Management of speech disorders after oral and oropharyngeal cancer
Chair: I. Garcia Lopez, Italy
KLT15
V. Woisard, France

11:00 – 11:30  MS 313&315
Keynote Lecture – Otology/Neurotology
Revision Stapes Surgery
KLT201
A. Pusalkar, India

11:00 – 11:30  MS 314&316
Keynote Lecture – Head & Neck
Benign parotid tumors: surgical options
Chair: H. Eckel, Austria
KLT3
M. Quer, Spain
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<td>MS 204</td>
<td>Keynote Lecture – Otology/Neurotology</td>
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<td>Central vestibular syndrome</td>
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<td>11:00 – 11:30</td>
<td>MS 202</td>
<td>Keynote Lecture – Basic ENT</td>
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<td>Important landmarks in neck dissection and how to find them</td>
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<td>N. Fakhry, France</td>
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<td>11:30 – 13:00</td>
<td>Gold Hall</td>
<td>Round Table – Rhinology</td>
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<td>Revision sinus Surgery</td>
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<td>Copper Hall</td>
<td>Round Table – Otology/Neurotology</td>
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<td>New indications of cochlear implantation</td>
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<td>J. Skrivam, Czech Republic</td>
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<td>11:30 – 13:00</td>
<td>Silver Hall</td>
<td>Round Table – Head &amp; Neck</td>
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<td>Treatment of the elderly head and neck cancer patients</td>
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<td>Moderators: G. Halmos, Netherlands; L.-A. van der Velden, Netherlands</td>
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<td>Assessment – screening, CGA</td>
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<td>Tailored treatment</td>
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<td>Chemotherapy in elderly</td>
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<td>11:30 – 13:00</td>
<td>Hall 100</td>
<td>Round Table – Rhinology</td>
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<td>Controversies in septal and turbinate surgery</td>
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<td>Chair: A. Kaytaz, Turkey</td>
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<td>How to correct the caudal septum</td>
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<td>Uncomplicated and complicated septoplasties: Nasal packing or basting</td>
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<td>sutures and/or splinting</td>
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<td>I. Kastanioudakis, Greece</td>
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<td>Surgery of the lower turbinate: Debate on the state of the art</td>
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11:30 – 12:00 Hall 400

**Keynote Lecture – Otology/Neurotology**

Auditory processing disorder: the forgotten hearing impairment

Chair: N. Deggouj, Belgium
KLT972
M. Iliadou, Greece

11:30 – 13:00 The Arc

**Round Table – Pediatrics**

Vestibular testing in children

Moderator: L. Maes, Belgium
RTT154
C. Dhondt, Belgium
RTT302
J. Widdershoven, Netherlands
RTT303
R. O’Reilly, United States
RTT304
A. Lima, Braga, Portugal
RTT865
D. Choo, United States

11:30 – 13:00 Hall 300

**Round Table – Head & Neck**

Timely management of Head and Neck cancer

Moderator: J. Ridge, United States
RTT123
B. Charabi, Denmark
RTT125
R. Takes, Netherlands
RTT126
S. Vergez, France

11:30 – 13:00 MS 211&212

**Round Table – General**

The European Board Exam in ORL-HNS. Status and update

Moderator: U. Pedersen, Denmark
RTT118
M. de la Mota, Spain

RTT119
M. Neudert, Germany
RTT120
U. Pedersen, Denmark
RTT122
R. Simo, United Kingdom

11:30 – 13:00 MS 311&312

**Round Table – Head & Neck**

AO+ASHNO – Treatment of Oral Cancers – Controversy to Consensus

Moderator: W. Golusinski, Poland
Moderator: P. Sheng-Po Hao, Taiwan, Republic of China
RT203
R. Leemans, Netherlands
Epidemiology of oral cancer
W. Golusinski, Poland
Reconstruction in oral cancer
G. Sanchez-Aniceto, Madrid, Spain
Case discussion
P. Sheng-Po Hao, Taiwan, Republic of China

11:30 – 13:00 MS 201 A/B

**Round Table – Skull Base**

Management of Advanced Acoustic Neuroma

Chair: J. Betka, Czech Republic
Moderator: M. Chovanec, Czech Republic
RTT56
P. Cayé-Thomasen, Denmark
RTT58
G. Danesi, Italy
RTT59
J. Jansen, Netherlands
RTT60
R. Kania, France
RTT61
K. Niemczyk, Poland
**Round Table – Laryngology**

Transgender surgery for voice

Moderator: M. Remacle, Luxembourg
Isshiki and Wendler procedures Pros and cons
J. Anderson, Canada
How does it work from the physiological point of view
A. Giovanni, France
Laser voice adjustment Techniques and results
I. Kocak, Turkey
Speech therapy - Isn’t it enough?
K. Eerdeken, Belgium
Feminization laryngoplasty Technique and results
J. Thomas, United States
Cricothyroid approximation according to Isshiki - Technique and results
I. Wagner, France

**Round Table – Phoniatrics**

Treatment options in unilateral vocal fold paralysis

Chair: A. Am Zehnhoff Dinnesen, Germany
Moderator: H. Oguz, Turkey
RTT142
H. Birkent, Turkey
RTT143
I. Denizoglu, Turkey
RTT144
A. Gneid, Finland
RTT145
Y. Karagama, United Kingdom
RTT147
K. Yelkem, Turkey

**Round Table – Sleep Medicine**

Non CPAP treatment of OSA

Chair: P. Desiderio, Italy
Robotic assisted minimally invasive hyoid suspension
Y. Krespi, United States
Upper Airway surgery
J.T. Maurer, Germany
Airway Stimulation
M. Suurna, United States

**Round Table – Head & Neck**

Laryngeal pacing and reinnervation

Chair: J. Burns, United States
Moderator: R. Hagen, Germany
RTT49
O. Guntinas, Germany
RTT51
M. Hess, Germany
RTT52
J.-P. Marie, France
RTT53
A. Muller, Germany
RTT54
C. Pototschnig, Austria

**Round Table – Laryngology**

Oropharyngeal dysphagia – current advice for assessment strategy and diagnostic tools

Chair: T. Langeveld, Netherlands
Moderator: M.-L. Aaltonen, Finland
RTT85
G. Desuter, Belgium
RTT86
C. Gorriz, Spain
RTT89
M. Tedla, Slovakia
RTT256
P. Noordzji, United States
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<td>MS 202</td>
<td>Instructional Course – Basic ENT</td>
<td>Cellulitis – an ENT emergency?</td>
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<td>S. Genders, Netherlands</td>
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<td>12:15 – 13:00</td>
<td>MS 202</td>
<td>Instructional Course – Basic ENT</td>
<td>Microphonosurgery – tips, tricks and pitfalls</td>
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<td>BTM16</td>
<td>E. Sjögren, Netherlands</td>
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<td>14:30 – 15:00</td>
<td>Gold Hall</td>
<td>Keynote Lecture – Head &amp; Neck</td>
<td>Selective neck dissection in the positive neck</td>
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<td>Chair: M. Hamoir, Belgium</td>
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<td>J. Rodrigo, Spain</td>
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<td>14:30 – 15:00</td>
<td>Copper Hall</td>
<td>Keynote Lecture – Otology/Neurotology</td>
<td>An evidence-based, step-up treatment strategy for Meniere’s disease</td>
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<td>Chair: T. Mom, France</td>
<td>KLT1</td>
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<td>P.P. van Benthem, Netherlands</td>
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<td>14:30 – 15:00</td>
<td>Silver Hall</td>
<td>Keynote Lecture – Head &amp; Neck</td>
<td>Oropharyngeal cancer in the HPV era</td>
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<td>Chair: R. Leemans, Netherlands</td>
<td>KLT24</td>
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<td>J.-P. Klußmann, Germany</td>
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<td>14:30 – 15:00</td>
<td>Hall 100</td>
<td>Keynote Lecture – Rhinology</td>
<td>JNA – new concepts in understanding and management</td>
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<td>Chair: M. Önerci, Turkey</td>
<td>KLT14</td>
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<td>14:30 – 15:00</td>
<td>Hall 400</td>
<td>Keynote Lecture – Otology/Neurotology</td>
<td>Bone anchored hearing systems: state of the art</td>
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<td>Chair: M. Hultcrantz, Sweden</td>
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<td>M. Hol, Netherlands</td>
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<td>14:30 – 15:00</td>
<td>The Arc</td>
<td>Keynote Lecture – Pediatrics</td>
<td>Mild hearing loss in school aged children – clinical management</td>
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<td>Chair: J. Widdershoven, Netherlands</td>
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<td>C. Cassandro, Italy</td>
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<td>14:30 – 15:00</td>
<td>Hall 300</td>
<td>Keynote Lecture – Head &amp; Neck</td>
<td>Management of the TMJ (Temporomandibular joint) in Head and Neck Surgery</td>
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<td>Chair: R. Simo, United Kingdom</td>
<td>KLT16</td>
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<td>L. Cascarini, United Kingdom</td>
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<td>14:30 – 15:00</td>
<td>MS 211&amp;212</td>
<td>Keynote Lecture – General</td>
<td>The challenges of managing cervical lymph node tuberculosis</td>
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<td>Chair: J. Plzak, Czech Republic</td>
<td>KLT37</td>
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<td>M. Mahtar, Morocco</td>
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14:30 – 15:00 MS 311&312

**Keynote Lecture – Head & Neck**  
Therapeutic potential of infiltrating T-cells  
Chair: C.-Y. Chien, Taiwan, Republic of China  
KLT39  
J. Boucek, Czech Republic

14:30 – 15:00 MS 201 A/B

**Keynote Lecture – Skull Base**  
Anterior skull base surgery - a sneak preview of the future  
KLT2  
P. Castelnuovo, Italy

11:00 – 11:30 MS 213&215

**Keynote Lecture – Laryngology**  
The TNM classification of laryngeal cancer revisited: is it still suitable to select the adequate surgical treatment?  
Chair: R. Takes, Netherlands  
KLT38  
G. Peretti, Italy

14:30 – 15:00 MS 214&216

**Keynote Lecture – Phoniatrics**  
Is indirect Phonosurgery under local anesthesia a historical approach or a new chance for office procedures in the future  
Chair: A. Geneid, Finland  
KLT13  
J. Schlömicher-Thier, United Kingdom

14:30 – 15:00 Silver Hall

**Keynote Lecture – Rhinology**  
QOL in patients with CRS and allergic rhinitis  
Chair: P. Surda, United Kingdom  
KLW14  
A. Sedaghat, United States

14:30 – 15:00 MS 202

**Keynote Lecture – Basic ENT**  
The basics of stroboscopy  
KLT36  
L. Sulica, United States

15:00 – 16:30 Gold Hall

**Free Paper – Rhinology**  
Allergy and basic science  
Chair: A. Welge-Lussen, Switzerland

15:00 – 15:08

**FP33-1**  
Comparing nasal packing with biological adhesive ‘Sulfacrylate’ for septoplasty: a randomized clinical trial  
Sergeeva N.1, Rusetsky Y.2, Spiranskaya O.2, Meytel I.2  
1M. Sechenov First Moscow State Medical University, ENT Department, Moscow, Russian Federation,  
2National Medical Research Center for Children’s Health Federal State Autonomous Institution of the Russian Federation Ministry of Health, ENT Surgery Department, Moscow, Russian Federation

15:08 – 15:16

**FP33-2**  
Can the olfactory psychophysical test reflect the underlying etiology?  
Donato M., Correia F., Clode J., Escada P.  
Centro Hospitalar Lisboa Ocidental, Lisboa, Portugal
15:16 – 15:24
FP33-3
Differences in gene expression profiles of sinonasal intestinal type adenocarcinoma and colorectal adenocarcinoma
1Rigshospitalet, University of Copenhagen, Department of Otorhinolaryngology, Head and Neck Surgery and Audiology, Copenhagen Ø, Denmark, 2Rigshospitalet, University of Copenhagen, Department of Genomic Medicine, Copenhagen Ø, Denmark, 3Rigshospitalet, University of Copenhagen, Department of Pathology, Copenhagen Ø, Denmark

15:24 – 15:32
FP33-4
Role of mucin degrading anaerobes in contribution to the growth of Pseudomonas aeruginosa
Cho D.-Y., Woodworth B.
University of Alabama at Birmingham, Otolaryngology Head & Neck Surgery, Birmingham, United States

15:32 – 15:40
FP33-5
The effect of systemic corticosteroids on bone mineral density in patients with chronic rhinosinusitis with nasal polyps
Lourijsen E.1, Fokkens W.2
1Amsterdam UMC - location AMC, ENT, Amsterdam, Netherlands, 2Amsterdam UMC - location AMC, Amsterdam, Netherlands

15:40 – 15:48
FP33-6
Food specific IgE and IgG-antibodies levels in patients with chronic rhinosinusitis with nasal polyps: a case-control study
Veloso-Teles R.1,2,3, Cerejeira R.1,2,3, Rodrigues D.1, Roque-Farinha R.1, von Buchwald C.3
1Faculty of Health Sciences, University of Beira Interior, Covilhã, Portugal, 2Cova da Beira Hospital Centre (CHCB), Department of Otorhinolaryngology, Covilhã, Portugal, 3UOBI - Otorhinolaryngology Unit of Beira Interior, Covilhã, Portugal, 4Cova da Beira Hospital Centre (CHCB), Department of Clinical Pathology, Covilhã, Portugal, 5Rigshospitalet-Copenhagen University Hospital, Department of Otorhinolaryngology, Head and Neck Surgery and Audiology, Copenhagen, Denmark

15:48 – 15:56
FP33-7
360° approach in the endoscopic-assisted surgical treatment of intraorbital neoformations: development of a “clock model” for surgical planning
Arosio A.D.1, Turri-Zanoni M.1, Lambertoni A.1, Pietrobon G.1, Margherini S.1, Karligkiotis A.1, De Bernardi F.1, Dallan I.2, Bignami M.1, Castelnuovo P.1
1Università degli Studi dell’Insubria, ENT, Varese, Italy, 2Azienda Ospedaliera Universitaria Pisana, ENT, Pisa, Italy

15:56 – 16:04
FP33-8
Involvement of IL-22 and IL-22 receptor signaling to the eosinophilic inflammation of chronic rhinosinusitis
Higaki T.1, Okano M.2, Noda M.1, Kariya S.1, Koyama T.1, Nishizaki K.1
1Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Department of Otorhinolaryngology - Head and Neck Surgery, Okayama, Japan, 2International University of Health and Welfare School of Medicine, Department of Otorhinolaryngology, Narita, Japan

15:00 – 16:30 Copper Hall
Free Paper – Otology/Neurotology
Cholesteatoma

15:00 – 15:08
FP34-5
Cholesteatoma follow-up with MRI - How often and for how long should we schedule scans?
Yosefof E.1, Tzelnick S.1, Yaniv D.1, Sokolov M.2, Ulanovski D.2, Raveh E.2, Kornreich L.3, Hilly O.1
1Rabin Medical Center, Otorhinolaryngology Dept., Petah-Tikva, Israel, 2Schneider Children’s Medical Center, Otorhinolaryngology Unit, Petah-Tikva, Israel, 3Schneider Children’s Medical Center, radiology Dept., Petah-Tikva, Israel

15:08 – 15:16
FP34-4
Pattern of middle ear cholesteatoma and implications on surgical approach
Yu Y., See J., Ng J.H., Low D., Tan T.Y., Yuen H.W.
Changi General Hospital, Singapore, Singapore
15:16 – 15:24
FP34-1
Applicability of the STAMCO classification in the Dutch national cholesteatoma study
ten Tije F.A.1, Merkus P.1, Stam M.1, Kramer S.1, Pauw R.J.2
1Amsterdam University Medical Centers, ENT, Amsterdam, Netherlands, 2Erasmus Medical Center, ENT, Rotterdam, Netherlands

15:24 – 15:32
FP34-3
The viability of HaCaT keratinocytes after exposure to bioactive glass SS3P4 - a model for cholesteatoma and bioactive glass interaction
Pulkkinen J., Sarin J.
Turku University Hospital and University of Turku, Otorhinolaryngology - Head and Neck Surgery, Turku, Finland

15:32 – 15:40
FP34-6
Cholesteatoma of the external auditory canal: review of staging and surgical strategy
Grinblat G.1,2, H.N U.2, Sanna M.2
1Hillel Yaffa Hospital, Affiliated to the Technion University Haifa, Hadera, Israel, 2Gruppo Otologico, Piacenza-Rome, Piacenza, Italy

15:40 – 15:48
FP34-7
Scoping a revolution in otology: current opinion of British ENT trainees on endoscopic ear surgery
Bhargava E.K.1, Wong B.1, Coyle P.1, Patel A.2, Swords C.1, Qayyum A.1
1Peterborough City Hospital, Peterborough, United Kingdom, 2West Suffolk Hospital, Bury St. Edmunds, United Kingdom

15:48 – 15:56
FP34-8
The bony obliteration tympanoplasty in paediatric cholesteatoma: long term hearing results
van Dinther J.1, Coopman R.1, Vercruysse J.-P.1, Zarowski A.1, Vanspauwen R.1, Maryn Y.1, Cremers C.2, Offeciers E.1
1European Institute for ORL-HNS, Department ENT-HNS Sint Augustinus Hospital GZA, Antwerp, Belgium, 2Radboud University Medical Center Nijmegen, Department ENT-HNS, Nijmegen, Netherlands

15:56 – 16:04
FP34-9
The bony obliteration tympanoplasty in cholesteatoma: safety, hygiene and hearing outcome: early results of allograft and autograft tympanic membrane reconstruction
van Waegeningh H., van Dinther J., Vanspauwen R., Zarowski A., Offeciers E.
European Institute for ORL, ENT H&N, Antwerpen, Belgium

16:04 – 16:12
FP34-10
Long-term results of troublesome CWD cavity reconstruction by mastoid and epitympanic bony obliteration (CWR-BOT) in adults
Vercruysse J.-P.1, van Dinther J.1, De Foer B.2, Casselman J.2,3, Zarowski A.1, Cremers C.4, Offeciers E.1
1European Institute for ORL-HNS, Department ENT-HNS Sint Augustinus Hospital GZA, Antwerp, Belgium, 2Radiology Department Sint Augustinus Hospital GZA, Antwerp, Belgium, 3Radiology Department Sint Jan, Bruges, Belgium, 4Radboud University Medical Center Nijmegen, Department ENT-HNS, Nijmegen, Netherlands

15:00 – 16:30 Silver Hall
Free Paper – Head & Neck Biology of H&N cancer

Chairs: J. Rodrigo, Spain; D. Thurnher, Germany

15:00 – 15:08
FP35-1
Leucocyte telomere length in patients with laryngeal squamous cell carcinoma
Vaiciulis P.1, Vilkeviciute A.2, Liutkeviciene R.3, Liutkevicius V.1, Gedvilaitė G.2, Ulozas V.1
1Lithuanian University of Health Sciences, Department of Otorhinolaryngology, Kaunas, Lithuania, 2Lithuanian University of Health Sciences, Neuroscience Institute, Kaunas, Lithuania, 3Lithuanian University of Health Sciences, Department of Ophthalmology, Kaunas, Lithuania
| Time        | FP35-2               | Determination of IL6 rs1800795 and BLK rs13277113 single nucleotide polymorphism in laryngeal squamous cell carcinoma carcinogenesis
|            | Pasvenskaite A.1, Vilkeviciute A.2, Liutkevicien R.3, Liutkevicius V.1, Ulozas V.1 | Lithuanian University of Health Sciences, Department of Otorhinolaryngology, Kaunas, Lithuania, 
|            |                                                                    | "Lithuanian University of Health Sciences, Neuroscience Institute, Kaunas, Lithuania, 
|            |                                                                    | "Lithuanian University of Health Sciences, Department of Ophthalmology, Kaunas, Lithuania
|            | FP35-3               | S100A2 might be CDDP resistance factor
|            | Inukai D.1, Nishimura K.1, Sano R.1, Ueda H.1, Ota A.2, Karnan S.2, Hosokawa Y.2, Yoshikawa K.3, Suzuki S.3, Ueda R.4, Murotani K.5, Bradford C.R.6, Ogawa T.1 | Aichi Medical University, Otolaryngology, Nagakute, Japan, 
|            |                                                                    | "Aichi Medical University, Department of Biochemistry, Nagakute, Japan, 
|            |                                                                    | "Aichi Medical University, Research Creation Support Center, Nagakute, Japan, 
|            |                                                                    | "Aichi Medical University, Tumor Immunology, Nagakute, Japan, 
|            |                                                                    | "Kurume University School of Medicine, Biostatistics Center, Kurume, Japan, 
|            |                                                                    | "University of Michigan, Otolaryngology-Head and Neck Surgery, Ann Arbor, United States
|            | FP35-4               | B cell clusters at invasive margin provide prognostic value in early-stage oral-tongue cancer patients
|            | Phanthunane C., Wijers R., De Herdt M., Hardillo J., Steijfer S., Koljenovic S., Dasgupta S., Balciglou E., Debets R., Baatenburg R. | Erasmus MC Cancer Institute, Rotterdam, Netherlands
|            | FP35-5               | Oncolytic activity of HF10, a naturally-attenuated HSV-1 for head and neck squamous cell carcinoma
|            | Esaki S.12, Goshima F.2, Takano G.12, Hatano Y.2, Sanuki T.1, Sato Y.2, Murata T.1, Murakami S.1, Kimura H.2 | Nagoya City University, Otolaryngology, Head and Neck Surgery, Nagoya, Japan, 
|            |                                                                    | "Nagoya University, Virology, Nagoya, Japan
|            | FP35-6               | Association between alterations of energy metabolism and radioresistance in head neck squamous cell carcinoma in vitro
|            | Nogués A.1, Terra X.2, Fuster G.3, Vilaseca I.14, Avilés-Jurado F.X.14,5 | Hospital Clinic de Barcelona, Barcelona, Spain, 
|            |                                                                    | "Univestat Rovira i Virgili, Tarragona, Spain, 
|            |                                                                    | "IDIBAPS, Barcelona, Spain, 
|            |                                                                    | "Head Neck Clinic. AGAUR Generalitat de Catalunya, Barcelona, Spain, 
|            |                                                                    | "IICTI, FIS 15/02047, Barcelona, Spain
|            | FP35-7               | Prognostic factors in sinonasal cancer
|            | Cohen E., Covielo C., Menaker S., Martinez Duarte E., Gomez C., Lo K., Kerr D., Franzmann E., Leibowitz J., Sargi Z. | University of Miami Miller School of Medicine, Miami, United States
|            | FP35-8               | Sentimag and MRI interstitial lymphangiography in head and neck cancer sentinel node biopsy
|            | Dulguerov N.1, Liard Y.2, Pusztaszeri M.3, Dulguerov P.4, Becker M.5 | Geneva University Hospital, Clinical Neurosciences, Geneva, Switzerland, 
|            |                                                                    | "Geneva University Hospital, ENT and Head and Neck Surgery, Geneva, Switzerland, 
|            |                                                                    | "McGill University, Pathology, Montreal, Canada, 
|            |                                                                    | "La Tour Hospital, Meyrin, Switzerland, 
|            |                                                                    | "Geneva University Hospital, Radiology, Geneva, Switzerland
|            | FP35-9               | Magnetic resonance imaging and intraoral ultrasonography to assess oral cavity tumor thickness: a single institution experience
|            | Filauro M., Marchi F., Mazzola F., Carobbio A.L.C., Iandelli A., Parrinello G., Canevari F.R., Peretti G. | Policlinico San Martino, Otolaryngology - Head and Neck Surgery, Genoa, Italy
|            | FP35-10              | Success of a dedicated ultrasound and fine needle aspiration cytology pathway
|            | Ross T., Forde C., Hassaan A. | West Middlesex University Hospital, London, United Kingdom
16:20 – 16:28
FP35-11
Sentinel lymph node biopsy: alternative for the management of cNO neck in the squamous cell carcinoma of the lip
Ruiz-Martín I.,1 Sanchez-Aniceto G.1, Ballestin-Carcavilla C.2, Tabuenca M.J.,1 Gutierrez-Diaz R.1
1Hospital Universitario 12 de Octubre, Oral and Maxillofacial Surgery, Madrid, Spain, 2Hospital Universitario 12 de Octubre, Pathology, Madrid, Spain
15:00 – 16:30 Hall 100
Free Paper – Rhinology
Anterior skull base

15:00 – 15:08
FP36-1
Intraoperative discovery of a spontaneous intrasphenoid internal carotid artery aneurysm
Marinica G., Al Zadjali F., El Addouli H.
Centre Hospitalier Bigorre, ORL, Tarbes, France

15:08 – 15:16
FP36-2
SMARCB1(INI-1) deficient sinonasal carcinoma: retrospective analysis of prevalence and survival outcomes from a series of poorly-differentiated epithelial sinonasal tumors
Leone F., Ottini G., Battaglia P., Facco C., Lamberton A., Sessa F., Castelnuovo P., Turri-Zanoni M.
1University of Insubria, Unit of Otorhinolaryngology, Department of Biotechnology and Life Sciences, Varese, Italy, 2University of Insubria, Unit of Pathology, Department of Medicine and Surgery, Varese, Italy

15:16 – 15:24
FP36-3
Management of inverted papilloma: about 51 cases
De Dorlodot C.,1 Eloy P.2
1CHU UCL Namur, ENT, Yvoir, Belgium, 2CHU UCL Namur, Yvoir, Belgium

15:24 – 15:32
FP36-4
Long-term results after endonasal powered endoscopic dacryocystorhinostomy for saccal and post-saccal lacrimal obstruction
Renwart W., Philippe E.
CHU Namur, Yvoir, Belgium

15:32 – 15:40
FP36-5
Osteomas of the frontal sinus: new surgical treatment options
Sapova K., Naumenko A.
ENT Institute, Saint-Petersburg, Russian Federation

15:40 – 15:48
FP36-6
Type III frontal sinusotomy: a multiuniversity retrospective study of 120 cases
De Dorlodot C.
CHU Namur, Yvoir, Belgium

15:48 – 15:56
FP36-7
Evaluation of the perygopalatine fossa and its surroundings for a good surgical planning
Horoi M., Rodriguez A.
CHU Saint-Pierre, Université Libre de Bruxelles, Brussels, Belgium

15:56 – 16:04
FP36-8
Carcinomas of the nasal vestibule and nasal pyramid: oncological and functional outcomes after curative treatments
Lambertoni A., De Col A., Arosio A., Margherini S., Francesco B., Turri Zanoni M., Cherubino M., Bignami M., Castelnuovo P.
1Ospedale di Circolo Varese, Vercelli, Italy, 2Università dell’Insubria, Varese, Italy, 3Ospedale di Circolo Varese, Varese, Italy

16:04 – 16:14
FP36-9
Radiological and endoscopic findings in patients undergoing revision endoscopic sinus surgery
Aziz Baban M., Mirza B.
Sulaimaniyaha, Sulaymaniyya, Iraq

16:14 – 16:24
FP36-10
Does septal deviation influence eustachian tube function? A case-control study
Lima A., Moreira F., Costa I., Azevedo C., Dias L.
Hospital de Braga, Otorhinolaryngology, Braga, Portugal
Free Paper – Otology/Neurotology
Hearing

Chairs: P. Avan, France; J. Géza, Hungary

15:00 – 15:08
FP37-1
Hearing-related quality of life, developmental outcomes and performance in children and young adults with unilateral conductive hearing loss due to aural atresia
Smit D., Burgers Y., Stegeman I., Swanenburg de Veye H., Breugem C.
University Medical Centre Utrecht, Utrecht, Netherlands

15:08 – 15:16
FP37-2
The relation between size of enlarged vestibular aqueduct on computed tomography and progression of hearing loss: a retrospective analysis
Robijn S.M.M.1,2, Dankbaar J.W.1, Stegeman I.1, Smit A.L.1
1UMCU, Utrecht, Netherlands, 2Radboud University Medical Center, Nijmegen, Netherlands

15:16 – 15:24
FP37-3
A preliminary study: is cochlear length related to congenital sensorineural hearing loss?
Eser M.B.1, Atalay B.1, Kalcıoglu M.T.2
1Istanbul Medeniyet University, Radiology, Istanbul, Turkey, 2Istanbul Medeniyet University, Otorhinolaryngology Head and Neck Surgery, Istanbul, Turkey

15:24 – 15:32
FP37-4
Cytokine levels in perilymph of young and aged mice as molecular biomarkers of noise-induced hearing loss
Landegger L.1,2, Fujita T.2, Vasilićić S.2, Soares V.2, Xu L.3, Stankovic K.2
1Vienna General Hospital, Medical University of Vienna, Otolaryngology, Vienna, Austria, 2Harvard Medical School, Otolaryngology, Boston, United States, 3Massachusetts General Hospital, Harvard Medical School, Radiotherapy, Boston, United States

15:32 – 15:40
FP37-5
Does noise exposure during pregnancy affect neonatal hearing screening results?
Güven S.G.1, Taş M.2, Bulut E.2, Tokuç B.3, Uzun C.1, Karasalihog'lu A.R.1
1Trakya University Faculty of Medicine, Department of Otolaryngology, Edirne, Turkey, 2Trakya University Faculty of Health Sciences, Department of Audiology, Edirne, Turkey, 3Trakya University Faculty of Medicine, Department of Public Health, Edirne, Turkey

15:40 – 15:48
FP37-6
High-dose gentamicin treatment in neonates and long-term follow-up on ototoxicity
Hemmingse N.1, Mikalsen C.1, Rydland Hansen A.2, Fjølstad J.3, Stenklev N.C.2, Klingenberg C.4
1Department of Otorhinolaryngology and Head and Neck Surgery, University Hospital of Northern Norway, Norway and Paediatric Research Group. Faculty of Health Science, University of Tromsø, Tromsø, Norway, 2Department of Otorhinolaryngology and Head and Neck Surgery, University Hospital of Northern Norway, Tromsø, Norway, 3Poaidiatric Research Group. Faculty of Health Science, University of Tromsø, Tromsø, Norway, 4Poaidiatric Research Group. Faculty of Health Science, University of Tromsø and Division of Child and Adolescent Health, Department of Pediatrics, University Hospital of Northern Norway, Tromsø, Norway

15:48 – 15:56
FP37-7
Relationship between otoneurological detriment and sleep deprivation in Marfan Syndrome patients
Alessandrini M.1, Viziano A.1, Lanzillotta A.1, Pisano C.2, Ruvolo G.2, Micarelli A.13
1University of Rome Tor Vergata, Department of Clinical Sciences and Translational Medicine, Rome, Italy, 2University of Rome Tor Vergata, Department of Surgery Science, Cardiac Surgery Unit, Rome, Italy, 3ITER Center for Balance and Rehabilitation Research (ICBRR), Rome, Italy

15:56 – 16:04
FP37-8
A systematic review of hearing and vestibular function in carriers of the Pro51Serine mutation in the COCH gene
Janssens de Varebeke S.1, Topsakal V.2, van Camp G.3, van Rompaey V.2
1Jessa Hospital, Hasselt, Belgium, 2Antwerp University Hospital - University of Antwerp, ENT, Antwerp, Belgium, 3University of Antwerp, Medical Genetics, Antwerp, Belgium
16:04 – 16:12
FP37-9
Cognition of elderly with late onset hearing loss, compared to elderly with age appropriate hearing
Huber M., Roesch S., Pletzer B., Lukaschyk J., Lesinski-Schiedat A., Ilg A.
1Paracelsus Medical University, Department of Otorhinolaryngology, Head and Neck Surgery, Salzburg, Austria, 2University Salzburg, Center for Neurocognitive Research, Salzburg, Austria, 3Hannover Medical School, Department of Otolaryngology, Hannover, Germany

16:12 – 16:20
FP37-10
Relationship between tinnitus loudness measure by visual analogue scale and psychoacoustic matching of tinnitus loudness
Raj-Koziak D., Gos E., Swierniak W., Karpiesz L., Niedzialek I., Włodarczyk E., Skarzynski H., Tomanek E., Dabkowska A., Skarzynski P.
1Institute of Physiology and Pathology of Hearing, Warsaw, Poland, 2World Hearing Center, Physiology and Pathology of Hearing, Warsaw, Poland, 3Institute of Physiology and Pathology of Hearing, World Hearing Center, Warsaw, Poland, 4Medical University of Warsaw, Department of Heart Failure and Cardiac Rehabilitation, Warsaw, Poland, 5Institute of Sensory Organs, Kajetany, Poland

15:00 – 16:30 The Arc
Free Paper – General
Pediatric: Head Neck & Laryngology

Chair: K. Zur, United States
15:00 – 15:08
FP38-1
Pediatric robotic head and neck surgery
1Necker Enfants Malade Hospital, Paris, France, 2Gustave Roussy Institut, Villejuif, France, 3American Hospital of Paris, Neuilly-sur-Seine, France

15:08 – 15:16
FP38-2
Second primary cancers in pediatric head and neck cancer survivors in Denmark during 1980-2014: a nationwide study
Schmidt Jensen J., Grønhøj C., Kristine Ruud Kjær E., Hjalgrim L., Charabi B., von Buchwald C., Hjuler T.
1Rigshospitalet, University of Copenhagen, Department of Otorhinolaryngology, Head and Neck Surgery, and Audiology, Copenhagen, Denmark, 2Rigshospitalet, University of Copenhagen, Department of Pediatric and Adolescent Medicine, Copenhagen, Denmark

15:16 – 15:24
FP38-4
Investigation of the airway deformity in type IVA Mucopolysaccharidosis (Morquio-A syndrome)
1MacKay Memorial Hospital, Department of Otorhinolaryngology and Head & Neck Surgery, Taipei, Taiwan, Republic of China, 2MacKay Medical College, Medicine, New Taipei City, Taiwan, Republic of China, 3MacKay Medical College, Audiology and Speech-Language Pathology, New Taipei City, Taiwan, Republic of China, 4School of Medicine, Taipei Medical University, Medicine, Taipei, Taiwan, Republic of China

15:24 – 15:32
FP38-5
Implementation of a paediatric nasopharyngeal airway service in a UK tertiary paediatric centre
Watson K., Lindup M., Coyle P., Bewick J., Jonas N.
Addenbrooke’s Hospital, ENT, Cambridge, United Kingdom
15:32 – 15:40
FP38-6
Carotid space infections in children: 10-year tertiary hospital retrospective study
Bento R., Pereira M., Duarte C., Pereira P., Oliveira V., Santos A.R., Farinha R.R., Luís L.
Centro Hospitalar de Lisboa Norte, Otorrinolaringologia, Lisboa, Portugal

15:40 – 15:48
FP38-8
A Novel Hybrid Approach to Suture Lateralization for Bilateral Vocal Cord Palsy
Mehanna R., Russell J.
Our Lady’s Children’s Hospital, Crumlin, Dublin, Ireland

15:48 – 15:56
FP38-9
Pediatric deep neck infections: 10-year tertiary hospital retrospective study
Bento R., Pereira M., Duarte C., Oliveira V., Pereira P., Santos A.R., Farinha R.R., Luís L.
Centro Hospitalar de Lisboa Norte, Otorrinolaringologia, Lisboa, Portugal

15:56 – 16:04
FP38-10
Minimally invasive endoscopic treatment for pediatric posterior glottic stenosis
Sztanó B., Bach A., Erdély E., Rovó L.
University of Szeged, Department of Otorhinolaryngology, Head and Neck Surgery, Szeged, Hungary

15:00 – 16:30 Hall 300
Free Paper – Head & Neck
H&N surgery
Chair: J. Ridge, United States

15:00 – 15:08
FP39-1
Developing a clinical trans-oral robotic program in a financially constrained system - a UK perspective
Guy’s & St Thomas’ NHS Foundation Trust, Head and Neck, London, United Kingdom

15:08 – 15:16
FP39-3
Cervico-transoral robotic surgery and free flap reconstruction: lessons learned from our 30 first patients
Gorpee P., Benmoussa N., Qassem Y., Schaff J.-B., Kolb F., Moya-Plana A.
The Gustave Roussy Institut, Department of Head and Neck Oncology, Villejuif, France

15:16 – 15:24
FP39-4
Robot-assisted carotid paraganglioma removal via a retroauricular approach using da Vinci XI and indocyanine green injection
Lee S.-Y., Koh Y.W., Kim M.K.
CHA University, Bundang Medical Center, Otorhinolaryngology, Head Neck Surgery, Gyeonggi, Korea, Republic of, "Yonsei University, College of Medicine, Otorhinolaryngology, Head Neck Surgery, Seoul, Korea, Republic of, "CHA University, Bundang Medical Center, Gyeonggi, Korea, Republic of"

15:24 – 15:32
FP39-5
Impact of surgery of the primary on survival and morbidity in early head and neck squamous cell carcinomas with bulky N3 nodes: a GETTEC study
15:32 – 15:40
FP39-6
Transnasal-transoral resection of salivary malignancies of the soft palate: a case-series
Taboni S., Ferrari M., Del Bon F., Rampinelli V., Morello R., Lombardi D., Schreiber A., Mattavelli D., Deganello A., Nicolai P.
University of Brescia, Otorhinolaryngology and Head and Neck Surgery, Brescia, Italy

15:40 – 15:48
FP39-7
The incidence of node involvement in patients with T1-T3 supraglottic squamous cell carcinoma treated by CO2 transoral microsurgery
Carta F., Mariani C., Chuchueva N.2, Piras N., Tatti M., Marrosu V., Gerosa C.3, Puxeddu R.1
1Università degli studi di Cagliari, Otorhinolaryngology, Cagliari, Italy, 2Moscow State University of Medicine and Dentistry, Moscow, Russian Federation, 3Università degli studi di Cagliari, Pathology, Cagliari, Italy

15:48 – 15:56
FP39-8
Prospective single centre study on detection of primary site in PET CT negative patients with carcinoma of unknown primary who underwent trans oral robotic surgery
Kumar S.1, Mortimore S.1, Laugharne D.2, Mansuri S.1
1University Hospital of Derby and Burton NHS Trust, ENT, Derby, United Kingdom; 2University Hospital of Derby and Burton NHS Trust, Maxillofacial Surgery, Derby, United Kingdom

15:56 – 16:04
FP39-9
Retroauricular endoscope assisted neck surgery
1Catholic Kwandong University, Otorhinolaryngology, HNS, Incheon, Korea, Republic of, 2Yonsei University, College of Medicine, Seoul, Korea, Republic of

16:04 – 16:12
FP39-10
Detection of early hypopharyngeal cancer with nasal fiberoptic vs gastrointestinal endoscopy
Kumai Y., Shono T., Waki K., Murakami D., Miyamaru S., Sasaki Y., Orita Y.
1Kumamoto University Graduate School of Medicine, Otolaryngology Head and Neck Surgery, Kumamoto, Japan, 2Kumamoto University Graduate School of Medicine, Gastroenterology, Kumamoto, Japan

15:00 – 15:08
FP40-1
Surface Electrostimulation is feasible and useful to prevent atrophy in denervated facial muscles
Volk G.F., Arnold D.2, Thielker J., Geißler K., Schneider M., Puls W., Misikire W., Mayr W., Guntinas-Lichius O.
1Jena University Hospital, ENT-Department and Facial Nerve Center Jena, Jena, Germany, 2Friedrich-Schiller-University Jena, Institute of Systematic Zoology and Evolutionary Biology with Phyletic Museum, Jena, Germany, 3Medical University Vienna, Center for Medical Physics and Biomedical Engineering, Vienna, Austria

15:08 – 15:16
FP40-2
Cerebral plasticity after lengthening temporalis myoplasty: a magnetoencephalography study
Hervochon R., Chaumon H., Schwartz D., Foirest H., George H., Tankéré F.
1APHP Pitié-Salpêtrière, ORL, Paris, France, 2ICM Institute, Magnetoencephalography, Paris, France, 3ICM Institute, Paris, France

15:16 – 15:24
FP40-3
Spare roof technique in reduction rhinoplasty: prospective study of the first one hundred patients
Santos M., Rego A., Coutinho M., Almeida e Sousa C., Gonçalves Ferreira M.
Centro Hospitalar do Porto, Porto, Portugal

15:24 – 15:32
FP40-4
The application and clinical effect of 3D printing nasal bone reduction device in nasal bone reduction
Shanghai Ninth People’s Hospital, School of Medicine, Shanghai Jiao Tong University, Department of Otorhinolaryngology Head and Neck Surgery, Shanghai, China
<table>
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<th>Time</th>
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<th>Authors</th>
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<tr>
<td>15:32 – 15:40</td>
<td>FP40-5</td>
<td>Deciding the need for osteotomies in deviated nose correction: proposing a simple decision making solution based on computed tomography</td>
<td>Park P.¹, Jin H.-R.² ¹Veterans Health Service Medical Center, Seoul, Korea, Republic of, ²Dr Jin’s Premium Nose Clinic, Seoul, Korea, Republic of</td>
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<tr>
<td>15:40 – 15:48</td>
<td>FP40-7</td>
<td>Prospective multicenter study to assess quality of life before and after septorhinoplasty</td>
<td>de Gabory L.¹, Boudard P.², Blancal J.-P.³, Michel J.⁴, Heron A.¹ ¹University Hospital Bordeaux, Otorhinolaryngology, Bordeaux, France, ²Private Clinic Saint-Augustin, Otorhinolaryngology, Bordeaux, France, ³University Hospital Paris - Hôpital Lariboisière, Otorhinolaryngology, Paris, France, ⁴University Hospital Marseille, Otorhinolaryngology, Marseille, France</td>
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<td>15:48 – 15:56</td>
<td>FP40-8</td>
<td>Ipsilateral septal mucosal flap</td>
<td>Alomani M.¹,², Zielinski M.³ ¹Creteil, ORL, Creteil, France, ²Creteil, Creteil, France, ³Hopital Pontoise, Pontoise, France</td>
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<tr>
<td>15:56 – 16:04</td>
<td>FP40-9</td>
<td>Functional and aesthetic considerations in rhinoplasty</td>
<td>Chang T.M. Kaohsiung Municipal United Hospital, Otorhinolaryngology, Kaohsiung, Taiwan, Republic of China</td>
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<tr>
<td>16:04 – 16:12</td>
<td>FP40-10</td>
<td>Open vs. closed rhinoplasty – does the surgical technique influence patients’ aesthetic self-assessment? A propensity score matching analysis</td>
<td>Gostian A.¹, Matschulla L.², Schwarz D.³, Gostian M.² ¹FAU University of Erlangen – Nuremberg, Department of Otorhinolaryngology-Head and Neck Surgery, Erlangen, Germany, ²University of Cologne, Department of Anesthesiology and Intensive Care Medicine, Cologne, Germany, ³University of Cologne, Department of Otorhinolaryngology-Head and Neck Surgery, Cologne, Germany</td>
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**Free Paper – Pediatrics**

**Pediatric Otology: Otitis & Infections**

**Chairs:** H. Kubba, Scotland; J. Widdershoven, Netherlands

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<tr>
<td>15:00 – 15:08</td>
<td>FP41-1</td>
<td>Otitis media with effusion is associated with alterations in adenosine concentrations</td>
<td>Martins I.¹, Conde S.², Baptista S.¹, Larroudé A.¹, Vera-Cruz P.¹,² ¹Otorhinolaryngology Service of Hospital da Luz, Lisbon, Portugal, ²CEDOC, NOVA Medical School, Faculdade de Ciências Médicas, Universidade Nova de Lisboa, Lisbon, Portugal</td>
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<td>15:16 – 15:24</td>
<td>FP41-3</td>
<td>Could the Core Outcome Set for management of Glue Ear in children with cleft palate also be used in otherwise-healthy children?</td>
<td>Daniel M., Kamani T., Birchall J. Nottingham University Hospitals, Nottingham, United Kingdom</td>
</tr>
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<td>15:24 – 15:32</td>
<td>FP41-4</td>
<td>OMQ-14 and ECLiPS questionnaires: potential adjuncts in the assessment of Otitis Media with Effusion (OME)?</td>
<td>Daniel M.¹, Freigang C.², Birchall J.¹, Barry J.² ¹Nottingham University Hospitals, Nottingham, United Kingdom, ²University of Nottingham, Nottingham, United Kingdom</td>
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<td>15:32 – 15:40</td>
<td>FP41-5</td>
<td>Endoscopic glue septoplasty in pediatric patients</td>
<td>Rusetsky Y.¹, Spiranskaya O.¹, Sergeeva N.², Meytel I.¹</td>
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<td>¹National Medical Research Center for Children's Health Federal State Autonomous Institution of the Russian Federation Ministry of Health, ENT Surgery Department, Moscow, Russian Federation, ²I.M. Sechenov First Moscow State Medical University, ENT Department, Moscow, Russian Federation</td>
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<td>Hospital Senhora da Oliveira de Guimarães, Otorhinolaryngology, Guimarães, Portugal</td>
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<td>15:48 – 15:56</td>
<td>FP41-8</td>
<td>Pediatric complications of acute mastoiditis: is there an association with peripheral blood parameters?</td>
<td>Martins S.¹, Matos R.¹, Vaz R.¹, Santos M.¹</td>
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<td>¹Centro Hospitalar Universitário São João, Oporto, Portugal, ²Faculty of Medicine of University of Porto, Surgery and Physiology, Oporto, Portugal</td>
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<td>³Faculty of Medicine of University of Porto, Biomedicine, Oporto, Portugal, ⁴Center for Health Technology and Services Research (CINTESIS), Oporto, Portugal</td>
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<td>15:56 – 16:04</td>
<td>FP41-9</td>
<td>The yield of respiratory viruses detection testing is age-dependent in children with uncomplicated acute otitis media</td>
<td>Fellner A.¹, Marom T.¹, Hirschfeld Z.², Lazarovitch T.², Gavriel H.¹, Muallem-Kalmovich L.¹, Pitaro J.¹</td>
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<td>¹Assaf Harofeh Medical Center, Tel Aviv University Sackler School of Medicine, Department of Otolaryngology-Head and Neck Surgery, Zenifin, Israel, ²Hadassah Medical School, Hebrew University, Jerusalem, Israel, ³Assaf Harofeh Medical Center, Tel Aviv University Sackler School of Medicine, Clinical Microbiology Laboratory, Zenifin, Israel</td>
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<td>16:04 – 16:12</td>
<td>FP41-10</td>
<td>Auditory norms for assessing a developmental clinic population</td>
<td>Andric Filipovic S.¹, Haggard M.², Spencer H.², Borg Inguañez M.³, Grech H.⁵</td>
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<td>¹Mater Dei Hospital, ENT/Audiology, Msida, Malta, ²University of Cambridge, Department of Psychology, Cambridge, United Kingdom, ³Independent, Cambridge, United Kingdom, ⁴University of Malta, Department of Statistics &amp; Operations Research, Msida, Malta, ⁵University of Malta, Faculty of Health Sciences, Msida, Malta</td>
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<td>16:12 – 16:20</td>
<td>FP41-6</td>
<td>Otogenic sinus vein thrombosis - a single institute 17-years experience</td>
<td>Yosefof E.¹, Hilly O.¹, Sokolov M.², Raveh E.², Yakobovich J.³, Ulanovski D.²</td>
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<td>¹Rabin Medical Center, Otorhinolaryngology Dept., Petah Tikva, Israel, ²Schneider Children's Medical Center of Israel, Rabin Medical Center, Otorhinolaryngology Unit, Petah Tikva, Israel, ³Schneider Children's Medical Center of Israel, Rabin Medical Center, Hematology Unit, Petah Tikva, Israel</td>
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<td>15:00 – 16:30</td>
<td>MS 201 A/B</td>
<td>Free Paper – Otology/Neurotology</td>
<td>Vestibular disorders</td>
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<tr>
<td>15:00 – 15:08</td>
<td>FP42-1</td>
<td>An app-based diary for vestibular disorders: the DizzyQuest</td>
<td>Martin E.¹, Leue C.¹, Delespaol P.¹, Peeters F.¹, Lousberg R.¹, Erdkamp A.¹, van de Weijer S.¹, Zwergal A.², Grill E.², Widdershoven J.¹, Kingma H.¹, van de Berg R.¹</td>
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<td>¹Maastricht University Medical Centre, Maastricht, Netherlands, ²Ludwig-Maximilians University Hospital, Munich, Germany</td>
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15:00 – 15:16
FP42-2
vHIT VOR-gain is not yet a reliable measure for bilateral vestibulopathy
van Dooren T.1, Lucieer F.2, Perez Fornos A.3, Guinand N.3, Kingma H.2,4, van de Berg R.2,4
1Maastricht University Medical Center, ENT, Maastricht, Netherlands, 2Maastricht University Medical Center, Department of Otorhinolaryngology and Head and Neck Surgery, Division of Balance Disorders, Maastricht, Netherlands, 3Geneva University Hospitals, Service of Otorhinolaryngology Head and Neck Surgery, Department of Clinical Neurosciences, Geneva, Switzerland, 4Tomsk State Research University, Faculty of Physics, Tomsk, Russian Federation

15:16 – 15:24
FP42-3
Is the treadmill Dynamic Visual Acuity test a reliable test to measure oscillopsia?
Lucieer F.1, Snelders M.2, Starkov D.3, Perez-Fornos A.4, Guinand N.4, Van Rompaey V.5, Kingma H.1,3, van de Berg R.1,3
1Maastricht University Medical Center, Department of Otorhinolaryngology and Head and Neck Surgery, Division of Balance Disorders, Maastricht, Netherlands, 2Maastricht University, Faculty of Health, Medicine and Life Sciences, Maastricht, Netherlands, 3Tomsk State Research University, Faculty of Physics, Tomsk, Russian Federation, 4Geneva University Hospitals, Service of Otorhinolaryngology and Head and Neck Surgery, Department of Clinical Neurosciences, Geneva, Switzerland, 5Antwerp University Hospital, Department of Otorhinolaryngology and Head and Neck Surgery, Antwerp, Belgium

15:24 – 15:32
FP42-4
The role of betahistine in the treatment of benign paroxysmal positional vertigo: an evidence-based review
Tomé D.1, Campos Lopes D.2, Castro A.3, Avillez C.3, Costa A.2, Luís L.1
1Centro Hospitalar de Lisboa Norte, Otorhinolaryngology, Lisboa, Portugal, 2ACES Estúdio do Tejo, USF Villa Longa, Lisboa, Portugal, 3ACES Almada-Seixal, USF Amora Saudável, Lisboa, Portugal

15:32 – 15:40
FP42-5
Comparison between Caloric Test and Video Head Impulse Test in vestibular function assessment
Laborai A., Bavazzano M., Missale F., Caligo G., Peretti G.
University of Genova - San Martino Hospital, Otorhinolaryngology, Genova, Italy

15:40 – 15:48
FP42-6
Clinical and laboratory diagnosis of vestibular hypofunction with impulses: HIT and vHIT in the elderly
Eça T., Benzinho T., Lança B., Fernandes A., Silva C., Luis L.
Hospital de Santa Maria, CHULN, Otolaringology, Lisboa, Portugal

15:48 – 15:56
FP42-7
The role of vertical semicircular canal function in the vertical component of nystagmus in skull vibration-induced nystagmus
Matos R.1,2, Navarro M.3, Pérez Guillén V.3, Pérez Garrigues H.3
1Centro Hospitalar Universitário de São João, EPE, Porto, Portugal, 2Faculty of Medicine of University of Porto, Porto, Portugal, 3Hospital La Fe Valencia, Valencia, Spain

15:56 – 16:04
FP42-8
Local delivery of therapeutics to the inner ear: the state of the science
Xie C.1,2, Anderson C.1,2, Su M.1,2, Garcia M.1,2, Schilder A.1,2
1evidENT, Ear Institute, University College London, London, United Kingdom, 2NIHR University College London Hospitals Biomedical Research Centre, London, United Kingdom

16:04 – 16:12
FP42-9
Evaluation of vestibular neurotomy efficacy and security for disabling Meniere’s disease and Tumarkin syndrome: a retrospective study of 157 patients
Dubernard X.1,2, Veleine Y.1,2, Kleiber J.-C.1,3, Bazin A.1,3, Chays A.1,2
1University of Reims, Reims, France, 2CHU de Reims, ENT Department, Reims, France, 3CHU de Reims, Neurosurgery Department, Reims, France

15:00 – 16:30 MS 213&215
Free Paper – Laryngology
Airway II

15:00 – 15:08
FP43-2
RRP with lung involvement: who is in risk group
Ryabova M., Ulupov M., Portnov G.
Pavlov First Saint Petersburg State Medical University, Saint Petersburg, Russian Federation
15:08 – 15:16
FP43-3
Laryngomalacia treatment with high-frequency ventilation in combination with cold-plasma resection
Sagatelyan M.1, Brusov G.1, Kochkin V.1, Sidorenko S.1, Komarova T.1, Naleev A.1, Timofeeva O.2, Budeikina L.3, Shepeleva I.1, Negoda P.1, Sorokatyi A.1, Pryanikov P.1
1Russian Child Clinical Hospital, Moscow, Russian Federation, 2Dmitry Rogachev National Research Center of Pediatric Hematology, Oncology and Immunology, Moscow, Russian Federation, 3Dmitry Rogachev National Medical Research Center of Pediatric HOI, Moscow, Russian Federation

15:16 – 15:24
FP43-4
Laryngotraheal trauma: prospective study about 21 cases
Chaker K.1,2, Rouadi S.3, Chawki A.4, Ahmadou A.4, Abada R.4, Roubel M.4, Mahtar M.4
120 Auguste Hospital, Otorhinolaryngology, Casablanca, Morocco, 2Hassan II, Faculty of Medicine of Casablanca, Casablanca, Morocco, 320 Auguste Hospital, Otolaryngology, Casablanca, Morocco, 420 Auguste Hospital, Casablanca, Morocco

15:24 – 15:32
FP43-5
Interobserver and intraobserver agreement in endoscopic diagnosis of congenital laryngomalacia
Canales M.1, Álvarez Neri H.2
1Dalinde, Otolaryngology and Head and Neck Surgery, Mexico City, Mexico, 2Hospital Infantil de Mexico, Otolaryngology, Mexico City, Mexico

15:32 – 15:40
FP43-6
Larynx tumors preservative surgery
Mallouk S., Hammouda Y., Halli S., Rouadi S., Abada R., Roubal M., Mahtar M.
Faculty of Medicine and Pharmacy of Casablanca, The Department of Otolaryngology and Head and Neck Surgery of the Hospital 20 August of Casablanca, Casablanca, Morocco

15:40 – 15:48
FP43-7
Results of bilateral palsy surgery using Coblator II
Usatuk V.1, Reshetov D.1, Karpishchenko S.2, Nasedkin A.3, Bazarov D.4, Fetisov I.5, Budeikina L.3, Pryanikov P.6
1Central Clinical Hospital 2 Sëmashko, Russian Railway, Moscow, Russian Federation, 2First Medical University, Saint Petersburg, Russian Federation, 3Dmitry Rogachev National Medical Research Center of Pediatric HOI, Moscow, Russian Federation, 4RSCS RAMS n.a. Academician B.V. Petrovsky, Moscow, Russian Federation, 5‘General Hospital of Soldiers, Moscow, Russian Federation, 6Russian Child Clinical Hospital, Moscow, Russian Federation

15:48 – 15:56
FP43-8
Laser surgical treatment outcomes of the vocal process granuloma
Ryabova M., Ulupov M., Malkova M.
Pavlov First Saint Petersburg State Medical University, Saint Petersburg, Russian Federation

15:56 – 16:04
FP43-9
Management of complete traumatic tracheal rupture
Khneisser E., Eter E.
Hôtel Dieu de France University Hospital, Otolaryngology - Head and Neck Surgery, Beirut, Lebanon

15:00 – 16:30  MS 214&216
Free Paper – Phoniatrics
Phoniatrics II
Chair: Y. Karagama, United Kingdom

15:00 – 15:08
FP45-1
Voice disorders in children and teenagers
Radtsig E.1, Bulynko Y.1, Orlova O.2
1Pirogov RNIMU, ENT Pediatric, Moscow, Russian Federation, 2Federal State Budgetary Institution Scientific and Clinical Center of Otolaryngology, ENT, Moscow, Russian Federation

15:08 – 15:16
FP45-2
Combination of Acoustic Voice Quality Index and Glottal Function Index improves discrimination between normal and pathological voice
Ulozaite-Staniene N., Petrauskas T., Uloza V.
Lithuanian University of Health Sciences, Otorhinolaryngology, Kaunas, Lithuania

15:16 – 15:24
FP45-3
Prevalence and characterization of voice disorders in mugham singers
Hashimli R., Huseynov N., Afandiyev A.
Azerbaijan State Advanced Training Institute for Doctors named after A.Aliyev, Department of Otolaryngology, Baku, Azerbaijan
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<td>15:24 – 15:32</td>
<td>FP45-4</td>
<td>About endurance voice teachers</td>
<td>Shilenkova V., Pevtsova V.</td>
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<td>York State Medical University, ENT, York State, Russian Federation</td>
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<td>15:32 – 15:40</td>
<td>FP45-5</td>
<td>Treating vocal fold nodules using doctorvox voice therapy technique</td>
<td>Denizoglu I.¹, Sahin M.²</td>
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<td>¹Medical Park Health Center, Department of Otolaryngology, Clinical Vocology Unit, İzmir, Turkey</td>
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<td>²Adnan Menderes University Faculty of Medicine, Department of Otorhinolaryngology, Aydın, Turkey</td>
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<td>15:40 – 15:48</td>
<td>FP45-6</td>
<td>How does the Acoustic Voice Quality Index perform in normophonic subjects?</td>
<td>Maryn Y.¹,²,³, Batthyany C.¹</td>
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<td>¹GZA Sint-Augustinus, Otorhinolaryngology &amp; Head and Neck Surgery, European Institute for ORL-HNS, Willeik, Belgium, ²Ghent University, Ghent, Belgium, ³Université Catholique de Louvain, Louvain-La-Neuve, Belgium</td>
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<td>15:48 – 15:56</td>
<td>FP45-7</td>
<td>The role of Beck anxiety scale, voice handicap index and short symptom inventory on treatment in patients with vocal cord nodules</td>
<td>Cobanoglu H.B.¹,², Ogut F.²,³, Sirin S.²,⁴, Civil Arslan F.⁵</td>
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<td>¹Karadeniz Technical University, Otorhinolaryngology, Trabzon, Turkey, ²Ege University Medical Faculty, Institute of Health Sciences Audiology and Speech Disorders, İzmir, Turkey, ³Ege University Medical Faculty, Otorhinolaryngology, İzmir, Turkey, ⁴Kocaeli University Medical Faculty, Otorhinolaryngology, Kocaeli, Turkey, ⁵Karadeniz Technical University, Psychiatry, Trabzon, Turkey</td>
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<td>15:56 – 16:04</td>
<td>FP45-8</td>
<td>The management of singing children with mutational dysphonia</td>
<td>Isaeva M., Osipenko E.</td>
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<td>Federal Scientific Clinical Center of Otorhinolaryngology, Moscow, Russian Federation</td>
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<td>16:04 – 16:12</td>
<td>FP45-9</td>
<td>Speech evaluation after using palatal lifting prostate in patients of velopharyngeal insufficiency</td>
<td>Mohamed A.</td>
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<td>King Abdullah Medical City, Otorhinolaryngology, Makka, Saudi Arabia</td>
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<td>15:00 – 16:30</td>
<td>MS 313&amp;315 Free Paper – Sleep Medicine: Sleep medicine</td>
<td>Chairs: Y. Krespi, United States; M. Suurna, United States</td>
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<td>15:00 – 15:08</td>
<td>FP44-1</td>
<td>Non-anatomical physiological trait in predicting the outcomes of velopharyngeal surgery</td>
<td>Zhao D.¹, Fan G.K.¹, Li Y.², Zhang J.³, Ye J.Y.⁴</td>
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<td>¹The Second Affiliated Hospital, School of Medicine, Zhejiang University,, Department of Otorhinolaryngology, Hangzhou, China, ²Beijing TongRen Hospital, Beijing, China, ³Peking University First Hospital, Beijing, China, ⁴Beijing Tsinghua Chang Gung Hospital, Beijing, China</td>
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<td>15:08 – 15:16</td>
<td>FP44-2</td>
<td>Restoring effect of CPAP treatment on otoneurological disturbances in OSA patients</td>
<td>Micarelli A.¹,², Viziano A.¹, Di Fulvio G.¹, Roselli L.¹, Alessandri M.¹</td>
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<td>¹University of Rome Tor Vergata, Department of Clinical Sciences and Translational Medicine, Rome, Italy, ²ITER Center for Balance and Rehabilitation Research (ICBRR), Rome, Italy</td>
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15:16 – 15:24
FP44-3
Retrospective analysis of drug induced sleep endoscopy findings and polysomnographic parameters in sleep-disordered breathing
Tóth E.1, Vaska Z.1, Böjti P.P.2, Szakács Z.3, Helfferich F.1
1National Health Center, Hungarian Defence Forces, Otorhinolaryngology, Head and Neck Surgery, Budapest, Hungary, 2Semmelweis University of Budapest Medical School, Neurology, Budapest, Hungary, 3National Health Center, Hungarian Defence Forces, Neurology, Sleep Medicine Center, Budapest, Hungary

15:24 – 15:32
FP44-4
Floppy epiglottis during drug-induced sleep endoscopy: a position dependent phenomenon?
OLVG, Amsterdam, Netherlands

15:32 – 15:40
FP44-6
Drug-induced sleep endoscopy during CPAP therapy in patients with CPAP failure
Dieleman E., Copper M.P.
St. Antonius Hospital, ENT and Head and Neck Surgery, Utrecht, Netherlands

15:40 – 15:48
FP44-7
Surgical benefit of palate procedures in obstructive sleep apnea syndrome - a retrospective study
Órfão J., Raposo D., Antunes J., Gião M., Barbosa L., Adonis C., Freire F.
Hospital Prof Doutor Fernando Fonseca, Amadora, Portugal

15:48 – 15:56
FP44-8
High apnea index and longer mean apnea duration are associated with worse prognosis in sleep surgery for severe obstructive sleep apnea patients
Al-Dilaijan K., Kim S.-W.
Kyung Hee University Hospital, Otorhinolaryngology-Head and Neck Surgery, Seoul, Korea, Republic of Korea

15:56 – 16:04
FP44-9
Palate surgery for obstructive sleep apnea: a systematic review and meta-analysis
Plaza G.1, Baptist P.2, O’Connor C.3, Pang K.4
1Hospital Universitario de Fuencarral, Otolaryngology, Fuencarral, Spain, 2Clinica Universidad de Navarra, Pamplona, Spain, 3Hospital Quirón Marbella, Marbella, Spain, 4Asia Sleep Center, Singapore, Singapore

16:04 – 16:12
FP44-10
Innovative neuromodulation concepts for the treatment of obstructive sleep apnea
Maurer J.T.1, Perkins J.2
1University Medicine Mannheim, Sleep Disorders Centre, Dept. of Otolaryngology, Mannheim, Germany, 2Royal Veterinary College, Department of Veterinary Clinical Sciences, London, United Kingdom

16:12 – 16:20
FP44-11
Epiglottis shape as a predictor of obstruction level in patients with sleep apnea
Delakord M.1,2, Ovsenik N.1
1General Hospital Celje, Department of Otolaryngology–Head and Neck Surgery, Celje, Slovenia, 2University of Ljubljana, Faculty of Medicine, Ljubljana, Slovenia

15:00 – 16:30 MS 314&316
Free Paper – Head & Neck
Risk Factor and Comorbidity in H&N cancer
Chair: G. Halmos, Netherlands

15:00 – 15:08
FP46-1
The burden of cancer: differences in frailty, functional status and quality of life between head and neck and lung cancer patients
1University Medical Center Groningen, Department of Otorhinolaryngology, Head and Neck Surgery, Groningen, Netherlands, 2University Medical Center Groningen, Department of Epidemiology, Groningen, Netherlands, 3University Medical Center Groningen, Department of Pulmonary Disease, Groningen, Netherlands,
15:08 – 15:16
FP46-2
Geriatric assessment as a predictor for treatment outcome in head and neck cancer
1University Medical Center Groningen, Otorhinolaryngology, Head and Neck Surgery, Groningen, Netherlands, 2University Medical Center Groningen, University Center for Geriatric Medicine, Groningen, Netherlands, 3University Medical Center Groningen, Radiation Oncology, Groningen, Netherlands, 4University Medical Center Groningen, Oral and Maxillofacial Surgery, Groningen, Netherlands, 5University Medical Center Groningen, Epidemiology, Groningen, Netherlands

15:16 – 15:24
FP46-3
Predictors of inpatient medical expense among patients undergoing total laryngectomy
Tsai M.H.1,2, Chien C.Y.1,2
1Kaohsiung Chang Gung Memorial Hospital, Department of Otolaryngology, Kaohsiung, Taiwan, Republic of China, 2Kaohsiung Chang Gung Head and Neck Oncology Group, Cancer Center, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan, Republic of China

15:24 – 15:32
FP46-4
Sarcopenia assessment and risk of postoperative complications in locally-advanced head and neck squamous cell carcinoma: the role of bedside ultrasound of rectus femoris muscle
Galli A.1, Colombo M.2, Lira Luce F.1, Paesano P.2, Tulli M.1, Di Santo D.1, Bussi M.1
1IRCCS San Raffaele, ENT, Milan, Italy, 2IRCCS San Raffaele, Radiology, Milan, Italy

15:32 – 15:40
FP46-5
Utility of P-POSSUM in predicting outcomes after head and neck surgery
Sousa Menezes A.1, Salomé C.2, Castro Silva J.2, Santos L.2, Monteiro E.2
1Hospital de Braga, Braga, Portugal, 2IPO - Porto, Porto, Portugal

15:40 – 15:48
FP46-6
Does an Asian diet play a significant role in the device life of a tracheoesophageal voice prosthesis?
Vlantis A., Chan J., Wong E., Tong M.
Chinese University of Hong Kong

Otorhinolaryngology, Head and Neck Surgery, Shatin, Hong Kong

15:48 – 15:56
FP46-7
Smoking cessation intervention for patients with head and neck cancer: preliminary results of an ongoing prospective randomized controlled trial
Smaily H.1, Helou D.1, Richa T.1, Farha G.2, Khoury C.2, Azoury F.2, Khalaf M.1, Haddad A.1, Matar N.1
1Saint-Joseph University, ENT-Head and Neck Surgery, Beirut, Lebanon, 2Saint-Joseph University, Radiation Oncology, Beirut, Lebanon

15:56 – 16:04
FP46-8
Radiotherapy-induced hypopituitarism in nasopharyngeal and sinonasal cancer
Nepp N.1, Piski Z.1, Gerlinger I.1, Mezősi E.2
1University of Pecs, Department of Otorhinolaryngology, Pécs, Hungary, 2University of Pecs, Internal Medicine 1, Pécs, Hungary

16:04 – 16:12
FP46-9
Dysphagic head and neck cancer patients at risk for malnutrition
Simon S.R.1, Leeters I.1, Pilz W.1,2, Winkens B.3,4, Hoebers F.J.P.2,3, Bajens L.W.J.1,2
1Maastricht University Medical Center, Department of Otorhinolaryngology, Head and Neck Surgery, Maastricht, Netherlands, 2Maastricht University Medical Center, School for Oncology and Developmental Biology – GROW, Maastricht, Netherlands, 3Maastricht University Medical Center, Care and Public Health Research Institute – CAPHRI, Maastricht, Netherlands, 4MAASTRO Clinic, Department of Radiation Oncology, Maastricht, Netherlands

16:12 – 16:20
FP46-10
Analysis of smoking cessation in a tertiary head and neck clinic
Farwana M.1, Tornari C.1, Abdoolraheem M.2, Raheem A.2, Arora A.1, Simo R.1, Jeannon J.-P.1, Oakley R.1
1Guy’s & St Thomas’ NHS Foundation Trust, ENT - Head & Neck Surgery, London, United Kingdom, 2King’s College London GKT School of Medical Education, London, United Kingdom
15:00 – 16:30 MS 204

**Free Paper – Laryngology**

Papillomatosis and early laryngeal cancer

Chairs: C. Piazza, Italy; F. Dikkers, Netherlands

15:00 – 15:08

*FP47-1*

Transoral laser microsurgery for pTis-pT2 glottic cancer: long-term survival outcomes

Paderno A.1, Del Bon F.1, Morello R.1, Taboni S.1, Alparone M.1, Berretti G.1, Fior M.1, Lancini D.1, Montalto N.1, Bosio P.1, Nicolai P.1, Piazza C.2, Peretti G.3

1University of Brescia, Brescia, Italy, 2University of Milan, Milan, Italy, 3University of Genoa, Genoa, Italy

15:08 – 15:16

*FP47-2*

Five- and ten-year survival outcomes after radiotherapy for T2 glottic carcinoma: a comparison with transoral CO2 laser microsurgery

Hendriksma M.1, van Ruler M.A.P.2, Heijnen B.J.1, Langeveld T.P.M.1, de Jong M.3, van Benthem P.P.G.1, Sjögren E.V.1

1Leiden University Medical Center, Otorhinolaryngology Head & Neck Surgery, Leiden, Netherlands, 2Netherlands Cancer Institute / Antoni van Leeuwenhoek, Otorhinolaryngology Head & Neck Surgery, Amsterdam, Netherlands, 3Erasmus MC Cancer Institute, Otorhinolaryngology Head & Neck Surgery, Rotterdam, Netherlands

15:16 – 15:24

*FP47-3*

Glottic cancer in the elderly: the role of transoral laser microsurgery

Paderno A.1, Del Bon F.1, Morello R.1, Taboni S.1, Berretti G.1, Alparone M.1, Fior M.1, Lancini D.1, Montalto N.1, Bosio P.1, Nicolai P.1, Piazza C.2, Peretti G.3

1University of Brescia, Brescia, Italy, 2University of Milan, Milan, Italy, 3University of Genoa, Genoa, Italy

15:24 – 15:32

*FP47-4*

Impact of positive margins in transoral laser microsurgery for early glottic cancer

Devons-Sbero S.1, Hilly O.1,2, Shoffel-Havakuk H.1,2, Hamzany Y.1,2

1Rabin Medical Center, Department of Otolaryngology Head and Neck Surgery, Petah Tikva, Israel, 2Sackler Faculty of Medicine, Tel Aviv, Israel

15:32 – 15:40

*FP47-5*

Quality of life and voice outcome of patients treated with transoral CO2 laser microsurgery for early glottic carcinoma (T1-T2): a 2-year follow-up study

Hendriksma M.1, van Loon Y.1, Klop W.M.C.2, Hakkesteegt M.M.3, Heijnen B.J.1, de Jong M.3, Langeveld T.P.M.1, van Benthem P.P.G.1, Baatenburg de Jong R.J.3, Sjögren E.V.1

1Leiden University Medical Center, Otorhinolaryngology Head & Neck Surgery, Leiden, Netherlands, 2Netherlands Cancer Institute / Antoni van Leeuwenhoek, Otorhinolaryngology Head & Neck Surgery, Amsterdam, Netherlands, 3Erasmus MC Cancer Institute, Otorhinolaryngology Head & Neck Surgery, Rotterdam, Netherlands

15:40 – 15:48

*FP47-6*

Transoral laser resection of early supraglottic tumours, comparative quality of life study and cost benefit versus horizontal supraglottic laryngectomy

Csanady M., Tobbas Z., Rovo L.

Szeged, Otorhinolaryngology, Head and Neck Surgery, Szeged, Hungary

15:48 – 15:56

*FP47-7*

Is there any concordance between vocal assessment, phonation mechanisms and type of cordectomy after transoral laser microsurgery for early-stage glottic carcinoma?

de Monès E., Peli L., Roger C., De Saint Victor S.

CHU de Bordeaux, Bordeaux, France

15:56 – 16:04

*FP47-8*

Role of coblation and HPV vaccination in management of adult onset recurrent respiratory papillomatosis

Rathi A.1, Costello D.2, Haselden K.3, Gass C.3

1Queen Elizabeth Hospital, Birmingham, ENT, Birmingham, United Kingdom, 2University Hospital Birmingham, Birmingham, United Kingdom, 3University Hospital Birmingham, Speech and Language Therapy, Birmingham, United Kingdom
16:04 – 16:12
FP47-9
Hematologic inflammatory markers: is there a predictive value for the progression and severity of recurrent respiratory papillomatosis? Sirin S.1, Tezcaner C.2, Koroglu E.1, Kilic R.2, Ozturk M.1
1University of Kocaeli School of Medicine, Department of Otorhinolaryngology-Head Neck Surgery, Kocaeli, Turkey, 2University of Ankara School of Medicine, Department of Otorhinolaryngology-Head Neck Surgery, Ankara, Turkey

16:12 – 16:20
FP47-10
Recurrent respiratory papillomatosis: surgical treatment and immunohistochemical characterization of the expression of inhibitors of the immune response control points Maschan A.1, Rumyantsev A.1, Nasedkin A.1, Novichkova G.1, Rechetov I.2, Shumilov P.2, Zybakin I.2, Grachev N.1, Shamanskaya T.1, Kruchko D.2, Kastyro I.2, Timofeeva O.1, Sidorenko S.3, Rogojin D.3, Konovalov D.3, Roshchin V.1, Pryanikov P.13, Budeykina L.5
1Dmitry Rogachev National Research Center of Pediatric Hematology, Oncology and Immunology, Moscow, Russian Federation, 2Sechenov University, Moscow, Russian Federation, 3Russian Children’s Clinical Hospital, Moscow, Russian Federation, 4RUDN University, Moscow, Russian Federation, 5Dmitry Rogachev National Research Center of Pediatric Hematology, Oncology and Immunology, Department of Pediatric Oncology and Surgery, Moscow, Russian Federation

15:00 – 16:00 MS 202
Instructional Course – Basic ENT
Paralyzed vocal fold – what are my options?
Chair: G. Desuter, Belgium

15:00 – 15:15
ICT44
R. Franco, United States

15:15 – 15:30
ICT45
K. Heathcote, United Kingdom

15:30 – 15:45
BTS234
J. Anderson, Canada

15:45 – 16:00
BTS297
T. Kinnari, Finland

16:00 – 16:45 MS 202
Instructional Course – Basic ENT
Laryngology: what can I do in the office?

16:00 – 16:20
ICT26
M. Hess, Germany

16:20 – 16:40
BTM17
L. Maron, South Africa

17:00 – 17:45 Gold Hall
Instructional Course – Rhinology
Frontal sinus surgery conservative to radical options
Chair: R. Weber, Germany

17:00 – 17:45 Copper Hall
Instructional Course – Otology/Neurotology
New trends in auditory and anti-ageing research
Chair: U. Abdelnasser, Egypt

17:00-17:45 Silver Hall
Instructional Course – H&N
Transnasal oesophagoscopy (TNO): a hands-on workshop
Chair: G. Garas, United Kingdom
17:00 – 17:45  Hall 100
**Instructional Course – Rhinology**
Approaches to maxillary sinus – endonasal and external options

Chair: R. Singh, India
ICT2
A. Kacker, United States

17:00 – 17:45  Hall 400
**Instructional Course – Otology/Neurotology**
Management of Meniere's disease and imaging

Chair: R. Van de Berg, Netherlands
ICT27
H. Blom, Netherlands

17:00 – 17:45  The Arc
**Instructional Course – Pediatrics**
Balance testing in children

Chair: R. O'Reilly, United States
17:00 – 17:20
Adapting vestibular assessment for pediatric patients
M. Caine, United States
17:20 – 17:40
Pediatric vestibular rehabilitation for dizziness and postural instability
M. Beam, United States

17:00 – 17:45  Hall 300
**Instructional Course – Head & Neck**
Electrochemotherapy for the treatment in head and neck cancer

Chair: R. de Bree, Netherlands
ICT13
A. Groselj, Slovenia
ICT14
I. Wessel, Denmark
17:00 – 17:45  MS 214&216
Instructional Course – Phoniatrics
Fascia injection for vocal cord augmentation
Chair: A. Geneid, Netherlands
ICT15
A. Geneid, Finland
ICT17
T. Kinnari, Finland

17:00 – 17:45  MS 314&316
Instructional Course – Otology/Neurotology
Neonatal hearing screening programmes
Chair: E. Panosetti, Luxembourg
ICT34
P. Boettcher, Germany
ICT36
B. Vos, Belgium

17:00 – 17:45  MS 204
Instructional Course – Laryngology
Visual neurolaryngology
ICT61
J. Thomas, United States

17:00 – 17:45  MS 202
Instructional Course – Basic ENT
Golden resident quiz
# PROGRAM GRID WEDNESDAY, JULY 3

<table>
<thead>
<tr>
<th>Room</th>
<th>Gold Hall</th>
<th>Copper Hall</th>
<th>Silver Hall</th>
<th>Hall 100</th>
<th>Hall 400</th>
<th>The Arc</th>
<th>Hall 300</th>
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<tbody>
<tr>
<td>08:00 – 08:45</td>
<td>Endoscopic ear surgery, hearing preservation in CI</td>
<td>Endoscopic evaluation in Head neck cancer, how I do it</td>
<td>Multidisciplinary cooperation in management of pediatric sleep breathing disorder</td>
<td>Pitfalls in the management of newborn nasal obstruction</td>
<td>Non allergic rhinitis</td>
<td>Imaging of the lateral skull base</td>
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<td>08:45 – 09:00</td>
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<td>09:00 – 10:30</td>
<td>Ossiculoplasty: tips and tricks</td>
<td>Multiportal approaches to anterior SB – preference in selected cases?</td>
<td>Tracheostomy in children</td>
<td>New trends in mastoiditis</td>
<td>CSF – the challenges</td>
<td>Endonasal endoscopic approach to ASB tumours</td>
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<td>10:30 – 11:00</td>
<td>COFFEE BREAK</td>
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<td>11:00 – 11:30</td>
<td>Robotic and navigation assisted inner ear access</td>
<td>Novel medical therapies – the deathknell of sinus surgery?</td>
<td>Neuromectomy as a definitive treatment for AdSD</td>
<td>Precision medicine in robotic surgery of head and neck</td>
<td>Cochlear implants – the experience of Saudi Arabia</td>
<td>Endoscopic endonasal approaches for sinonasal malignancies – where are we today?</td>
<td>Dutch national guideline for the management of head and neck paraganglioma</td>
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<td>11:30 – 13:00</td>
<td>ENT training in Europe: how to promote standardization, excellence and mobility for a European learning</td>
<td>Recent Updates on Allergic Rhinitis</td>
<td>Recurrent and Metastatic thyroid carcinoma</td>
<td>Craniofacial Anomalies in Children</td>
<td>Acute otitis Media: myth and reality</td>
<td>Frontal Sinus</td>
<td>Pituitary surgery, endoscopic surgery, invasive adenoma, complications</td>
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<td>13:00 – 14:30</td>
<td>Closing Ceremony</td>
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<td>Awareness and early detection program in head and neck cancer – European experience</td>
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<td>Comprehensive management of hypopharyngeal cancer</td>
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<td>Recent Progress of Endoscopic Approach to Temporal Bone Disorders in Asia-Oceania</td>
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**Program Details – Wednesday, July 3**

Program as per printing date. Any changes after the printing date are reflected in the Congress App.

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<tr>
<td>08:00 – 08:45</td>
<td>Copper Hall</td>
<td>Instructional Course – Rhinology</td>
<td>In and around the lacrimal pathway. ICW15. P. Eloy, Belgium.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>Silver Hall</td>
<td>Instructional Course – Head &amp; Neck</td>
<td>Endoscopic evaluation in Head neck cancer, how I do it. ICW10. D. Chevalier, France.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>Hall 100</td>
<td>Instructional Course – Pediatrics</td>
<td>Multidisciplinary cooperation in management of pediatric sleep breathing disorder. Chair: E. Kirkegaard Kjaer, Denmark. 08:00 – 08:10 ICW247. T. Jagomagi, Estonia. 08:10 – 08:20 ICW256. H. Vaher, Estonia.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>Hall 400</td>
<td>Instructional Course – Rhinology</td>
<td>Pitfalls in the management of newborn nasal obstruction. Chair: P. Brihaye, Belgium. 08:00 – 08:18 Introduction. P. Brihaye, Belgium. 08:18 – 08:36 Nasal meningocele &amp; encephalocele. V. Couloigner, France. 08:36 – 08:40 Bony nasal stenosis. B. Landis, United States.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>The Arc</td>
<td>Instructional Course – Rhinology</td>
<td>Non allergic rhinitis. ICW19. L. Kalogjera, Croatia.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>Hall 300</td>
<td>Instructional Course – Skull Base</td>
<td>Imaging of the lateral skull base. ICW14. J. Casselman, Belgium.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 211&amp;212</td>
<td>Instructional Course – Head &amp; Neck</td>
<td>TORS in oropharyngeal cancer. Chair: Y. W. Koh, Korea, Republic of. ICW24. E. Giotakis, Greece.</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 311&amp;312</td>
<td><strong>Instructional Course – Phoniatrics</strong></td>
<td>Functional endoscopic evaluation of swallowing disorders</td>
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<td>Chair: A. Schindler, Italy</td>
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<td>Chair: V. Woisard, France</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 201 A/B</td>
<td><strong>Instructional Course – Otology/Neurotology</strong></td>
<td>A lifetime of experience in auditory electrophysiology</td>
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<td>Chair: P. Avan, France</td>
<td>P. Deltre, Belgium</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 213&amp;215</td>
<td><strong>Instructional Course – General</strong></td>
<td>Necrotising fasciitis in ENT</td>
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<td>08:00 – 08:20</td>
<td>L. Belkhir, Belgium</td>
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<td>08:20 – 08:40</td>
<td>H. Irlala, Finland</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 214&amp;216</td>
<td><strong>Instructional Course – Sleep Medicine</strong></td>
<td>E-health and wearables</td>
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<td>Chair: L. Antunes, Portugal</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 313&amp;315</td>
<td><strong>Instructional Course – Phoniatrics</strong></td>
<td>Voice rest following laryngeal surgery</td>
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<td>Chair: M. Moerman, Belgium</td>
<td>S. Duflo, France</td>
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<td>Chair: M. Hess, Germany</td>
<td>T. Nawka, Germany</td>
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<tr>
<td>08:00 – 08:45</td>
<td>MS 314&amp;316</td>
<td><strong>Instructional Course – Laryngology</strong></td>
<td>Difficult exposure in Laryngoscopy – problems and solutions</td>
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<td>Chair: J. Thomas, United States</td>
<td>R. Serrano, Argentina</td>
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<tr>
<td>09:00 – 10:30</td>
<td>Gold Hall</td>
<td><strong>Round Table – Otology/Neurotology</strong></td>
<td>Ossiculoplasty: tips and tricks</td>
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<td>Moderator: N. Verhaert, Belgium</td>
<td>C. Aldren, United Kingdom</td>
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<td>RTW71</td>
<td>L. Olgun, Turkey</td>
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<td>RTW74</td>
<td>M.-P. Thill, Belgium</td>
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</tbody>
</table>
09:00 – 10:30 Copper Hall

**Round Table – Rhinology**
Multiportal approaches to anterior SB – preference in selected cases?

Moderator: B. Woodworth, United States
RTW60
P. Castelnuovo, Italy
RTW62
D. Simmen, Switzerland
RTW222
D. Terzakis, Greece
RTW224
P. Battaglia, Italy
RTW223
M. Turri-Zanoni, Italy
RTW371
E. Wang, United States

09:00 – 10:30 Hall 400

**Round Table – Otology/Neurotology**
New trends in mastoiditis

Moderator: A. Hermansson, Sweden
RTW68
I. Gerlinger, Hungary
RTW70
M. Luntz, Israel
RTW701
A. Ozdek, Turkey

09:00 – 10:30 The Arc

**Round Table – Rhinology**
CSF – the challenges

Chair: D. Vicheva
Moderator: C. Meco, United Kingdom
RTW19
G. Bachmann-Harildstad, Norway
RTW20
M. Jorissen, Belgium
RTW21
A. Kacker, United States
RTW23
H. Saleh, United Kingdom

09:00 – 10:30 Hall 100

**Round Table – Pediatrics**
Tracheostomy in children

Chair: J. Russel, Ireland
Moderator: K. Sandu, Switzerland
09:00 – 09:15
Indications, contraindications and cannula options
R. Clarke, United Kingdom

09:15 – 09:30
Surgical technique and post-operative care
M. Kuo, United Kingdom

09:30 – 09:45
Role of the parents – from acceptance to home care
B. Pullens, Netherlands

09:45 – 10:00
Complications – the ones you should avoid and those one could manage!
K. Sandu, Switzerland

10:00 – 10:15
Decannulation – my preferred protocol & a review
V. Couloigner, France

09:00 – 10:30 Hall 300

**Round Table – Skull Base**
Endonasal endoscopic approach to ASB tumours

Chair: R. Bhalla, United Kingdom
Moderator: P. Castelnuovo, Italy
RTW27
J. Anderson Eloy, United States
RTW30
E. Pasquini, Italy
RTW31
J. Plzák, Czech Republic
RTW32
T. Yucel, Turkey
**09:00 – 10:30**  **MS 211&212**

**Round Table – Head & Neck**

Awareness and early detection program in head and neck cancer – European experience

Chair: W. Golusinski, Poland
Moderator: R. Leemans, Netherlands
RTW13
A. Castro, Portugal
RTW9
S. Hosal, Turkey
RTW11
G.-M. Reich, France

**09:00 – 10:30**  **MS 311&312**

**Round Table – Head & Neck**

Comprehensive management of hypopharyngeal cancer

Moderator: P.-J. Lou, Taiwan, Republic of China
RTW26
Y. Wooh Koh, Korea, Republic of
09:00 – 09:10
RTW26
Y. W. Koh, Korea, Republic of
09:10 – 09:20
RTW201
C.-C. Wang, Taiwan, Republic of China
09:20 – 09:30
RTW202
P.-Y. Chu, Taiwan, Republic of China
09:30 – 09:40
RTW203
P.-J. Lou, Taiwan, Republic of China
09:40 – 09:50
C.-Y. Chien, Taiwan, Republic of China

**09:00 – 10:30**  **MS 201 A/B**

**Round Table – Otology/Neurotology**

Recent Progress of Endoscopic Approach to Temporal Bone Disorders in Asia-Oceania

Chair: M. Tong, Hong Kong
Moderator: T.C. Huang, Taiwan, Republic of China

Endoscopic approach to chronic middle ear disease
H.-M. Wu, Taiwan, Republic of China
Transcanal endoscopic management of acquired and congenital cholesteatoma
T.C. Huang, Taiwan, Republic of China
Endoscopic assisted stapes surgery
S. Kakehata, Japan
Endoscopic cochlear implant surgery
M. Tong, Taiwan, Republic of China
Eustachian tuboplasty
W.-C. Chao, Taiwan, Republic of China

**09:00 – 10:30**  **MS 213&215**

**Round Table – General**

The Gulf countries session

Chair: M. Alfelasi, United Arab Emirates
Moderator: R. Alabri, Oman
Challenges and complications of Sialendoscopy
R. Alabri, Oman
Cholesteatoma inside out technique
A. Alamadi, United Arab Emirates
Thyroid surgery
M. Alfelasi, United Arab Emirates
Nasal sinus surgery in Bahrain
H. Alreefy, Bahrain
Early Detection of Deafness And Neonatal Hearing Screening
A. Al Shaikh, Saudi Arabia

**09:00 – 10:30**  **MS 214&216**

**Round Table – Sleep Medicine**

Multimodality Treatment of OSA

Chair: W. Pirsig, Germany
Moderator: P. Rombaux, Belgium
UAS after surgical failure
S. Armin, Germany
Management of obstructive sleep apnea in children
P. Benedek, Hungary
Hyoid suspension: low-cost solution of retrolingual obstruction
J. Betka, Czech Republic
UAS & positional therapy
A. Bidarian Moniri, Sweden
<table>
<thead>
<tr>
<th>Time</th>
<th>Venue</th>
<th>Session</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>09:00 – 10:30</td>
<td>MS 313&amp;315</td>
<td><strong>Round Table – Phoniatrics</strong></td>
<td>Automatic speech recognition in Laryngology &amp; Phoniatrics practice</td>
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<td>Chair: V. Woisard, France</td>
<td>Moderator: A. Geneid, Finland</td>
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<td>RTW7</td>
<td>M. Moerman, Belgium</td>
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<td>RTW736</td>
<td>A. Ghio, France</td>
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<td>RTW744</td>
<td>D.M. Denk-Linnert, Austria</td>
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<td>RTW597</td>
<td>M. Lalain, France</td>
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<td>09:00 – 10:30</td>
<td>MS 204</td>
<td><strong>Round Table – Head &amp; Neck</strong></td>
<td>New strategies in Immunoncology beyond Checkpoint inhibition</td>
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<td>Chair: D. Thurnher, Germany</td>
<td>Moderator: C.-J. Yen, Hong Kong</td>
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<td>RTW63</td>
<td>P. Bossi, Italy</td>
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<td>RTW64</td>
<td>U. Keilholz, Germany</td>
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<td>RTW67</td>
<td>L. Zuur, Netherlands</td>
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<td>RTW204</td>
<td>R. van de Ven, Netherlands</td>
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<tr>
<td>09:00 – 10:30</td>
<td>MS 314&amp;316</td>
<td><strong>Round Table – Laryngology</strong></td>
<td>Management strategy for early and moderately advanced glottic cancer – the surgeons perspective</td>
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<td>Chair: R. Takes, Netherlands</td>
<td>Moderator: C. Piazza, Italy</td>
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<td>RTW46</td>
<td>H. Iijala, Finland</td>
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<td>RTW48</td>
<td>R. Simo, United Kingdom</td>
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<td>RTW50</td>
<td>I. Vilaseca, Spain</td>
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<td>RTW52</td>
<td>D. Vokes, New Zealand</td>
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<td>RTW53</td>
<td>M. Wierzbicka, Poland</td>
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<td>RTW53</td>
<td>M. Zabrodsky, Czech Republic</td>
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<tr>
<td>11:00 – 11:30</td>
<td>Gold Hall</td>
<td><strong>Keynote Lecture – Otology/Neurotology</strong></td>
<td>Robotic and navigation assisted inner ear access</td>
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<td>Chair: V. Topsakal, Belgium</td>
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<tr>
<td>11:00 – 11:30</td>
<td>Copper Hall</td>
<td><strong>Keynote Lecture – Rhinology</strong></td>
<td>Novel medical therapies – the deathknell of sinus surgery?</td>
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<td>Chair: L. Kalogjera, Croatia</td>
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<tr>
<td>11:00 – 11:30</td>
<td>Silver Hall</td>
<td><strong>Keynote Lecture – Laryngology</strong></td>
<td>Neuromyectomy as a definitive treatment for AdSD</td>
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<td>Chair: J. Thomas, United States</td>
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11:00 – 11:30 Hall 100

Keynote Lecture – Head & Neck
Precision medicine in robotic surgery of head and neck
Chair: Y. W. Koh, Korea, Republic of
KLW13
T.-L. Yang, Taiwan, Republic of China

11:00 – 11:30 Hall 400

Keynote Lecture – Otology/Neurotology
Cochlear implants – the experience of Saudi Arabia
Chair: H. Negm, Egypt
KLW1
A. Hagr, Saudi Arabia

11:00 – 11:30 The Arc

Keynote Lecture – Rhinology
Endoscopic endonasal approaches for sinonasal malignancies – where are we today?
Chair: M. Tedla, Slovakia
KLW5
P. Nicolai, Italy

11:00 – 11:30 Hall 300

Keynote Lecture – Skull Base
Dutch national guideline for the management of head and neck paraganglioma
KLW4
D. Kunst, Germany

11:00 – 11:30 MS 311&312

Keynote Lecture – Laryngology
World Voice Day
KLW343
M. Andrea, Portugal

11:00 – 11:30 MS 201 A/B

Keynote Lecture – Otology/Neurotology
Vestibular Schwannoma: wait & scan, surgery or radiosurgery
Chair: G. Danesi, Italy
KLW18
P. Cayé-Thomasen, Denmark

11:00 – 11:30 MS 213&215

Keynote Lecture – General
Does an ENT-specialist need knowledge about microbiota?
Chair: C. Huart, Belgium
KLW3
M. Wierzbicka, Poland

11:00 – 11:30 MS 214&216

Keynote Lecture – Sleep Medicine
TORS transoral robotic surgery
Chair: P. van de Heyning, Belgium

11:00 – 11:30 MS 313&315

Keynote Lecture – Phoniatrics
New developments in voice assessment
Chair: K. Kalling
KLW614
M. Moerman, Belgium

11:00 – 11:30 MS 314&316

Keynote Lecture – Laryngology
Evident structural changes of the vocal folds – is surgical treatment necessary?
KLW7
G. Campos, Colombia
### Keynote Lecture – Rhinology
**Juvenile angiofibroma**

#### 11:00 – 11:10
- **KLW221**
- W. Szyfter, Poland

### Round Table – Otology/Neurotology
**ENT training in Europe: how to promote standardization, excellence and mobility for a European learning**

- **Moderator:** P. Cayé-Thomasen, Denmark
- **RTW33**
- P. Cayé-Thomasen, Denmark
- **RTW36**
- M. Manrique, Spain
- **RTW37**
- P. Rombaux, Belgium
- **RTW371**
- D. de Siati, Italy

#### 11:30 – 13:00
- **Gold Hall**

### Round Table – Head & Neck
**Recurrent and Metastatic thyroid carcinoma**

- **Chair:** R. Simo, United Kingdom
- **Moderator:** I. Doweck, Israel
- **RTW101**
- J. Pizák, Czech Republic
- **RTW98**
- F. Ferreli, Italy
- **RTW100**
- P. Stefanicka, Slovakia
- **RTW862**
- P. Sheahan, Ireland

#### 11:30 – 13:00
- **Silver Hall**

### Round Table – Pediatrics
**Craniofacial Anomalies in Children**

- **Moderator:** C. Zdanski, United States
- **RTW14**
- I. Bruce, United Kingdom
- **RTW15**
- A. Cheng, Australia
- **RW727**
- P. Krakowitz, United States
- **RW825**
- L. Speleman, Netherlands

#### 11:30 – 13:00
- **Hall 100**

### Round Table – Otology/Neurotology
**Acute otitis Media: myth and reality**

- **Chair:** N. Teissier, France
- **Moderator:** T. Marom, Israel
- **RTW1**
- K. Gabor, Hungary
- **RTW2**
- A. Hermansson, Sweden
- **RTW4**
- D. Preciado, United States

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**Note:**
- **MS 204**
- **Copper Hall**
### Round Table – Rhinology

**Frontal Sinus**

**Chair:** S. Reitsma, Netherlands  
**Moderator:** D. Simmen, Switzerland

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11:35 – 11:47</td>
<td>Preoperative CT evaluation of the frontal sinus drainage pathway A. Varini, Italy</td>
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<td>11:47 – 11:59</td>
<td>Fronro-ETHmoidectomy - „Uncapping the egg” P.V. Tomazic, Austria</td>
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<td>11:59 – 12:11</td>
<td>Extended approaches to the FS, surgical hints R. Weber, Germany</td>
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<tr>
<td>12:11 – 12:23</td>
<td>Role of navigation in frontal sinus surgery T. Baudoin, Croatia</td>
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<td>12:23 – 12:35</td>
<td>Structured approach to frontal mucocèles A. Sama, United Kingdom</td>
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<tr>
<td>12:35 – 12:47</td>
<td>Endoscopic management of Frontal Sinus trauma B. Woodworth, United States</td>
</tr>
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### Round Table – Skull Base

**Pituitary surgery, endoscopic surgery, invasive adenoma, complications**

**Moderator:** M. Mokry, Austria

| RTW79 | P. Castelnuovo, Italy                                                                 |
| RTW80 | V. Favier, France                                                                     |
| RTW81 | G. Kahilogullari, Turkey                                                              |
| RTW83 | B. Zsolt, Hungary                                                                      |
| RTW372| E. Wang, United States                                                                 |

### Round Table – Head & Neck

**Quality of life in Head and Neck Cancer patients**

**Chair:** R. Takes, Netherlands  
**Moderator:** H.J. Aarstad, Norway

| Effect of facial nerve loss on QoL O. Guntinas, Germany |
| RTW205 M. Tedla, Slovakia RTM232 P. Koivunen, Finland RTW437 G. Laurell, Sweden RTW364 H. Umeno, Japan |

### Round Table – Laryngology

**Laryngopharyngeal reflux: does it exist?**

**Chair:** A. Geneid, Finland  
**Moderator:** H. Eckel, Austria

| G. Campos, Colombia RTW130 G. Campos, Colombia RTW131 P. Dulguerov, Switzerland RTW134 S. Sirin, Turkey RTW135 J. Thomas, United States RTW136 K. Zelenik, Czech Republic |
| RTW130 G. Campos, Colombia RTW131 P. Dulguerov, Switzerland RTW134 S. Sirin, Turkey RTW135 J. Thomas, United States RTW136 K. Zelenik, Czech Republic |

### Round Table – Otology/Neurotology

**What’s new in CI devices**

**Chair:** P. van de Heyning, Belgium  
**Moderator:** P. Skarzynski, Poland

| RTW125 T. Lenarz, Germany RTW126 J. Müller, Germany RTW127 P. Skarzynski, Poland RTW496 P. van de Heyning, Belgium |
| RTW125 T. Lenarz, Germany RTW126 J. Müller, Germany RTW127 P. Skarzynski, Poland RTW496 P. van de Heyning, Belgium |
11:30 – 13:00  MS 213&215

**Instructional Course – Head & Neck**

3D in head and neck surgery

Chair: P. Nicolai, Italy
ICW1
W. Golusinski, Poland
ICW3
G. Succo, Italy

11:30 – 13:00  MS 214&216

**Round Table – Pediatrics**

Thyroid disease in children and adolescents

Moderator: V. Couloigner, France
tbc.

11:30 – 13:00  MS 313&315

**Phoniatrics**

Phoniatric approach to disorders of children with clefts

Chair: H. Oguz, Turkey
Moderator: I. Hocevar-Boltezar, Slovenia

11:30 – 11:42
Feeding and swallowing in children with orofacial clefts
T. Abou-Elsaad, DK, Egypt

11:42 – 11:54
Pathogenesis of hearing disorders in children with cleft palate and possible surgical solutions
J. Ajduk, Croatia

11:54 – 12:06
Comparison of non-surgical bone conduction hearing aids
K. Neumann, Germany

12:06 – 12:18
Assessing velopharyngeal (dis)functioning and its solutions
M. Moerman, Belgium

12:18 – 12:30
Differentiating cleft palate speech from complex communication disorders
A. Salah Darwish, Egypt

12:30 – 12:42
Psychosocial problems of children with orofacial clefts
I. Hocevar-Boltezar, Slovenia

12:42 – 12:54
Discussion

11:30 – 13:00  MS 314&316

**Round Table – Laryngology**

Treatment of bilateral vocal fold paralysis

Chair: K. Heathcote, United Kingdom
Moderator: M. Wierzbicka, Poland
RTW122
J.-P. Marie, France
RTW123
A. Müller, Germany

11:30 – 13:00  MS 204

**Round Table – Head & Neck**

Robotic surgery

Moderator: M. Remacle, Luxembourg

Robotic head and neck surgery – Are European patients the same as Asian ones?
T. Vauterin, Belgium
TOLS versus TORS
I. Vilaseca, Spain
RTW106
Y. W. Koh, Korea, Republic of
Flex system
M. Remacle, Luxembourg

13:00 – 14:30  Gold Hall

**Closing Ceremony**
**POSTER DISCUSSIONS**

**Sunday, June 30, 2019**

**10:30 – 11:00 Exhibition Area**

**Poster Session – Rhinology / Allergology**
Anterior Skull Base Surgery and Rarities

Chair: H. Negm, Egypt

**10:30 – 10:35**

PSRA1-1
Giant post-traumatic fronto-ethmoid osteoma: diagnostic and therapeutic approach
Azevedo C., Silva D., Lima A., Vilarinho S., Afonso M., Dias L.
Hospital de Braga, Braga, Portugal

**10:35 – 10:40**

PSRA1-2
Visual changes after transnasal endoscopic versus transcaruncular medial orbital wall decompression for dysthyroid optic neuropathy
Nishimura K., Ogawa T., Ueda H.
Aichi Medical University, Otorhinolaryngology, Nagakute, Japan

**10:40 – 10:45**

PSRA1-3
Intranasal cavernous hemangioma of the maxillary sinus - a rare entity
Cerejeira R., Veloso-Telles R.
1UOBI - Otorhinolaryngology Unit of Beira Interior, Covilhã, Portugal, 2Faculty of Health Sciences, University of Beira Interior, Covilhã, Portugal

**10:45 – 10:50**

PSRA1-4
Glomangiopericytoma of the nasal inferior turbinate
Chaouki A., Zouhair N., Ballage A., Baghdad M., Mkhatiri A., Rouadi S., Abada R., Roubal M., Mahtar M.
1Hassan II, Faculty of Medicine of Casablanca, ENT, Casablanca, Morocco, 2Hassan II, Faculty of Medicine of Casablanca, Casablanca, Morocco

**10:30 – 10:45 Exhibition Area**

**Poster Session – Laryngology**
Cancer

**10:30 – 10:35**

PSL1-1
Clinicopathological and prognostic value of EGFR expression in laryngeal squamous cell carcinoma
Mahattanasakul P., Ruangritchankul K., Bongsebandhu-Phubhakdi S., Vivatvakin S., Ratchataswan T., Leesutipornchai T., Keelawat S., Kerekhanjanarong V.
1King Chulalongkorn Memorial Hospital, Thai Red Cross Society, Department of Otolaryngology, Head and Neck Surgery, Bangkok, Thailand, 2Faculty of Medicine, Chulalongkorn University, Department of Otolaryngology, Head and Neck Surgery, Bangkok, Thailand, 3Faculty of Medicine, Chulalongkorn University, Department of Pathology, Bangkok, Thailand, 4Faculty of Medicine, Chulalongkorn University, Department of Physiology, Bangkok, Thailand

**10:35 – 10:40**

PSL1-2
Clinical relevance of cortactin and focal adhesion kinase as early predictors of laryngeal cancer risk
1Hospital Universitario Central de Asturias and Instituto de Investigación Sanitaria del Principado de Asturias (IUOPA), O.RL, Oviedo, Spain, 2Hospital Santa Creu i Sant Pau, ORL, Barcelona, Spain, 3Hospital Clínic, ORL, Barcelona, Spain, 4Randall Division of Cell and Molecular Biophysics, Guy’s Campus, King’s College London, Tumour Plasticity Laboratory, London, United Kingdom, 5Hospital Universitario Central de Asturias (HUCA), Pathology, Oviedo, Spain
10:40 – 10:45
PSL1-4
Combined endoscopic treatment of early and recurrent laryngeal cancer patients: 32 years experience
Telegina L.1, Pirogov S.1, Sokolov V.1, Polyakov A.2, Kaprin A.2
1P.Herzen Moscow Oncology Research Institute, Endoscopy, Moscow, Russian Federation, 2P.Herzen Moscow Oncology Research Institute, Head and Neck Surgery, Moscow, Russian Federation

10:30 – 11:00 Exhibition Area
Poster Session – Head & Neck
Head & Neck
Chair: M. Zafereo, United States
10:30 – 10:35
PSHN1-1
Secuvac study: elective neck dissection shoulder functional sequel in head and neck cancer (preliminary results)
Alzate Amaya F.1, Invencio Da Costa L.2, Parente Arias P.1, Gomez Rodriguez A.3, Cabrera Sarmiento J.4
1Complejo Hospitalario Universitario A Coruña, Otolaryngology Head and Neck, A Coruña, Spain, 2Complejo Hospitalario Universitario A Coruña, Otolaryngology Head and Neck, A Coruña y Alrededores, Spain, 3Complejo Hospitalario Universitario A Coruña, Clinical Neurophysiology, A Coruña, Spain, 4Complejo Hospitalario Universitario A Coruña, Rehabilitation, A Coruña y Alrededores, Spain

10:35 – 10:40
PSHN1-2
Laryngeal gout mimicking chondrosarcoma with concurrent Longus Colli tendinitis
Lee S.Y.C., Gan Y.J., Goh J.P.N., Lim M.Y.
Tan Tock Seng Hospital, Singapore, Singapore

10:30 – 11:00 Exhibition Area
Poster Session – Otology / Neurotology
Otology / Neurology
Chairs: A. Zarowski, Belgium, N. Özgirgin, Turkey
10:30 – 10:35
PSON1-1
Plastic changes in the auditory pathway accompanying single-sided deafness
Svobodová V.12, Profant O.23, Tintěra J.1, Jírů F.4, Fik Z.1, Betka J.1, Tóthová D.12, Syka J.2
11st Faculty of Medicine, Charles University, University Hospital Motol, Department of Otorhinolaryngology and Head and Neck Surgery, Prague, Czech Republic, 2Institute of Experimental Medicine CAS, Department of Auditory Neuroscience, Prague, Czech Republic, 33rd Faculty of Medicine, Charles University, University Hospital Královské Vinohrady, Department of Otorhinolaryngology, Prague, Czech Republic, 4Institute of Clinical and Experimental Medicine, MR Unit, Prague, Czech Republic
10:35 – 10:40
PSO1-2
A 8-year results of open technique cholesteatoma surgery with mastoid obliteration
Kosyakov S., Pchelenok E.
Russian Medical Academy of Continuous Professional Education, Moscow, Russian Federation

10:40 – 10:45
PSO1-3
Early detection for cisplatin-induced ototoxicity in H&N cancer patients by using Extended High Frequency Audiometry and Distortion-Production Otoacoustic Emission: prospective cohort study
Nivatwongs S., Lumdabpong P.
Phramongkutklao Hospital, Otolaryngology, Bangkok, Thailand

10:45 – 10:50
PSO1-4
The STAMCO cholesteatoma classification in the bony obliteration technique
European Institut for ORL, ENT H&N, Antwerpen, Belgium

10:50 – 10:55
PSO1-5
Cochlear implantation in elderly patients under local anaesthesia
Kecskemeti N., Szönyi M., Küstel M., Gáborján A., Tamás L., Répássy G.
Semmelweis University, Budapest, Hungary

10:35 – 10:40
PSON1-2
Relationship between clinicians’ perceptual evaluations and patients’ subjective evaluations of voice disorders
Radaljac D.¹, Stankovic P.²
¹Clinical Hospital Zemun, Otorhinolaryngology and Maxillofacial Surgery, Belgrade, Serbia, ²Clinic for ENT and MFS, Clinical Center of Serbia, School of Medicine, University of Belgrade, Department of Phoniatrics, Belgrade, Serbia

10:40 – 10:45
PSON1-3
Influence of text and instrumental accompaniment on acoustic and subjective parameters in classical singers
Triana Á.¹, García-López I.²
¹Universidad Autónoma de Madrid, Medicine, Madrid, Spain, ²La Paz University Hospital, Madrid, Spain

16:30 – 17:00 Exhibition Area
Poster Session – Rhinology / Allergology
Chronic Rhinosinusitis and Allergy

16:30 – 16:35
PSRA2-1
Risk factors of orbital and intracranial complications of rhinosinusitis
Snidvongs K.¹, Chitsuthipakorn W.², Akarapas C.¹, Seresirikachorn K.¹
¹Chulalongkorn University, Bangkok, Thailand, ²Rajavithi Hospital, Bangkok, Thailand

16:35 – 16:40
PSRA2-2
In situ study of infection and replication of rna respiratory viruses in patients with chronic rhinosinusitis
Prates M.¹, Tamashiro E.¹, Valera F.¹, Arruda E.², Martins Júnior R.², Anselmo-Lima W.¹
¹University of São Paulo, Ophthalmology, Otorhinolaryngology, Head and Neck, Ribeirão Preto, Brazil, ²University of São Paulo, Cellular and Molecular Biology, Ribeirão Preto, Brazil

16:40 – 16:45
PSRA2-3
Chronic rhinosinusitis increases the risk of depression: a longitudinal follow up study using a national sample cohort
Lee J.S., Choi H.G.
Hallym University Sacred Heart Hospital, Otorhinolaryngology, Anyang, Korea, Republic of
16:45 – 16:50
PSRA2-4
The association between allergic rhinitis in 6-year old children and environmental tobacco smoke exposure
Simovic S.¹, Zivanovic S.², Sarenac Vulovic T.³, Velickovic V.⁴, Kocic S.⁵, Koravovic M.⁶
¹University of Kragujevac, Department of Otorhinolaryngology, Health Centre Kragujevac, Kragujevac, Serbia, ²University of Kragujevac, Kragujevac, Serbia, ³University of Kragujevac, Clinic of Ophthalmology, Clinical Centre Kragujevac, Kragujevac, Serbia, ⁴University of Kragujevac, Pediatric Clinic, Clinical Centre Kragujevac, Kragujevac, Serbia, ⁵University of Kragujevac, Institute of Public Health Kragujevac, Kragujevac, Serbia, ⁶University of Belgrade, Faculty of Pharmacy, Belgrade, Serbia

16:50 – 16:55
PSRA2-5
Comparison of potency of oral antihistamine therapy and local intranasal corticosteroid therapy in chronic rhinosinusitis with nasal polyps using allergological parameters
Morsikyan I.¹,², Nazanyan A.¹, Shukrian A.¹, Shukuryan A.¹²
¹Yerevan State Medical University, ENT, Yerevan, Armenia, ²‘Erebouni’ Medical Center, ENT Diseases, Yerevan, Armenia

16:30 – 17:00
Exhibition Area
Poster Session – Laryngology
Assessment
Chair: I. Hocevar-Boltezar, Slovenia

16:30 – 16:35
PSL2-1
Effect of functional endoscopic sinus surgery on voice and speech recognition
Hernandez-Garcia E.¹, Moro Velazquez L.², Gonzalez R.¹, Godino Llorente J.I.³, Plaza G.¹
¹Hospital Universitario de Fuenlabrada, ENT Department, Fuenlabrada, Spain, ²Center for Language and Speech Processing, Johns Hopkins University, Baltimore, United States, ³Universidad Politécnica de Madrid, Madrid, Spain

16:35 – 16:40
PSL2-2
Validity and consistency of the Arabic version of the ‘Mastication Observation Evaluation’ (A-MOE) instrument
Ezzeddine J.¹, Haidar L.², Sarkis S.³, Matar N.⁴
¹Saint Joseph University, Institut Supérieure d’Orphonie, Tyre, Lebanon, ²Saint Joseph University, Speech Therapy, Beirut, Lebanon, ³Saint Joseph University, Keserwan, Lebanon, ⁴Saint Joseph University, Beirut, Lebanon

16:40 – 16:45
PSL2-3
Reliability validity of the Turkish version of the Glasgow Edinburgh Throat Scale (GETS-T); asymptom scale for patients with globus sensation
Özçelik Korkmaz M.¹, Tüzünner A.², Karacaer C.¹
¹Sakarya University Faculty of Medicine, Sakarya, Turkey, ²Başkent University, Ankara, Turkey

16:45 – 16:50
PSL2-4
Methodological proposal for labeling of patients with laryngeal pathologies using EGG
González González A.J.¹, Alonso Hernández J.B.², De León y De Juan J.¹², González Torres J.P.², Barragán Pulido M.L.², Valido Quintana M.¹
¹Hospital Universitario de Gran Canaria Doctor Negrín, Otorhinolaryngology, Las Palmas de Gran Canaria, Spain, ²Universidad de Las Palmas de Gran Canaria, Institute for Technological Development and Innovation in Communications, Las Palmas de Gran Canaria, Spain

16:50 – 16:55
PSL2-5
Methodological proposal for evaluation of descoordination or asymmetry in different phases of vibratory movement of the vocal folds
González González A.J.¹, Alonso Hernández J.B.², De León y De Juan J.¹, Barragán Pulido M.L.², Cabrera Ramírez M.S.², Domínguez Sosa M.S.¹
¹Hospital Universitario de Gran Canaria Doctor Negrín, Otorhinolaryngology, Las Palmas de Gran Canaria, Spain, ²Universidad de Las Palmas de Gran Canaria, Institute for Technological Development and Innovation in Communications, Las Palmas de Gran Canaria, Spain
16:30 – 17:00 Exhibition Area

**Poster Session – Head & Neck**

**Head & Neck**

Chair: S. Lang, Germany

**16:30 – 16:35**

**PSHN2-1**

Potential roles of early postoperative 18 F-FDG PET/CT scan in the management of head and neck patients with poor prognostic factors

Wu C.1, Lin J.-C.2, Wang W.-Y.3, Twu C.-W.4

1Changhua Show Chwan Memorial Hospital, Department of Radiation Oncology, Changhua, Taiwan, Republic of China, 2Taichung Veterans General Hospital, Department of Radiation Oncology, Taichung, Taiwan, Republic of China, 3Hung Kuang University, Department of Nursing, Taichung, Taiwan, Republic of China, 4Taichung Veterans General Hospital, Department of Otorhinolaryngology, Taichung, Taiwan, Republic of China

**16:35 – 16:40**

**PSHN2-2**

Osteoradionecrosis of cervical spine with cord compression in an advanced tumor of posterior pharyngeal wall of oropharynx

Acle Cervera L., Delgado Vargas B., Narciso Martínez G., Bonet Loscertales M., Sanz López L., Pinacho Martínez P., Mata Castro N.

Hospital Universitario de Torrejón, Madrid, Spain

**16:40 – 16:45**

**PSHN2-4**

Surgical treatment of cervico-facial cystic lymphangiomas in children. A retrospective study of 19 cases

Salama K., Berrada O., Merzouqi B., Abada R.A., Rouadi S., Roubal M., Mahtar M.

IBN Rochd Hospital, ENT Departement, Casablanca, Morocco

**16:45 – 16:50**

**PSHN2-5**

Surgical management of secondary hyperparathyroidism

Elbouderkaoui M.1, Ait El Abdia R.2, Elfakiri M.2, Rochdi Y.2, Nouri H.2, Raji A.2

1Mohammed VI University Hospital, ENT Department, Marrakech, Morocco, 2Mohammed VI University Hospital, Marrakech, Morocco

**16:50 – 16:55**

**PSHN2-6**

Expression of toll-like receptors 5 and 7 in nasopharyngeal carcinoma, and their associations with viral status and patient survival - a nationwide study in Finland

Ruuskanen M.1, Leivo I.2, Minn H.3, Vahlberg T.4, Haglund C.5, Hagström J.5, Irla H.1

1Turku University Hospital, University of Turku, Otorhinolaryngology - Head and Neck Surgery, Turku, Finland, 2University of Turku, Turku University Hospital, Pathology, Turku, Finland, 3University of Turku, Turku University Hospital, Oncology, Turku, Finland, 4Turku University Hospital and University of Turku, Biostatistics, Turku, Finland, 5University of Helsinki, Helsinki University Hospital, Surgery, Helsinki, Finland, 6Research Programs Unit - Translational Cancer Biology Program, University of Helsinki, Helsinki, Finland, 7University of Helsinki, Helsinki University Hospital, Pathology, Helsinki, Finland

16:30 – 17:00 Exhibition Area

**Poster Session – Otology / Neurotology**

**Otology / Neurology**

Chairs: S. Hackenberg, Germany, A. Raji, Morocco

**16:30 – 16:35**

**PSON2-1**

Role of Endogenous bone marrow stem cells mobilization in repair of damaged inner ear in rats

Elbana A.1, Abdel-Salam S.2, Omran A.2, Mourad G.3

1Alexandria University, Otorhinolaryngology, Riyadh, Saudi Arabia, 2Alexandria University, Otorhinolaryngology, Alexandria, Egypt, 3Alexandria University, Histology Department, Alexandria, Egypt

**16:35 – 16:40**

**PSON2-2**

Loading time of the sound processor after bone-anchored hearing implantation and pre- and postoperative differences: the preferences of our patients

Caspers C., Kruyt I., Mylanus E., Hol M.

Radboud University Medical Center, Nijmegen, Netherlands
16:40 – 16:45
PSON2-4
Radiologic measurement of cochlea and hearing preservation rate using slim straight electrode (Cl22) and round window approach
Skarzynski H.1, Matusiak M.1, Furmanek M.1, Wlodarczyk E.1, Oldak M.1, Klebukowski L.2, Skarzynski P.1,2,3
1Institute of Physiology and Pathology of Hearing, World Hearing Center, Warsaw, Poland, 2Fryderyk Chopin Regional Hospital, Rzeszow, Poland, 3Medical University of Warsaw, Department of Heart Failure and Cardiac Rehabilitation, Warsaw, Poland

16:50 – 16:55
PSON2-5
Clinical application of virtual reality vestibular rehabilitation system using eye tracking HMD for vestibular neuritis
Choi S.J.1, Lee B.D.2
1Soonchunhyang University Hospital, Cheonan, Korea, Republic of, 2Soonchunhyang University, Seoul, Korea, Republic of

16:30 – 17:00 Exhibition Area
Poster Session – Others
General: Pediatrics

PSO2-1
Augmentation of posterior pharyngeal wall using autologous tragal cartilage in children with velopharyngeal valve insufficiency after repair of cleft palate
Khafagy A.1,2, Abdelhamid A.3, Rabie A.2
1Magrabi Eye, ENT and Dental Center, ENT Department, Doha, Qatar, 2Ain Shams University, ENT Department, Cairo, Egypt, 3Ain Shams University, Cairo, Egypt

16:35 – 16:40
PSO2-2
Predict the thickness of the cartilage transplant needed to restore the functions of the middle ear
Petrova L.1, Mikhasev G.2, Bosiakov S.2, Maisyuk M.3
1Belarusian Academy of Post-Graduate Education, Minsk, Belarus, 2Belarusian State University, Minsk, Belarus, 3Republican Scientific and Practical Centre of Otorhinolaryngology, Minsk, Belarus

16:40 – 16:45
PSO2-3
Coblation® total intracapsular tonsillectomy in children: a prospective study of 1003 consecutive cases, with long term follow up
Prentice J., Tweedie D., Shamil E., Mason K., Amin N., Takhar A., Nogueira C.
Evelina London Children’s Hospital, London, United Kingdom

16:45 – 16:50
PSO2-5
Cochlear implantation in deaf children with developmental delay: our experience
Ait Mesbah N.1, Hamadi C.1, Messaoudi K.2, Yahi N.1
1Faculty of Health, Algiers, Algeria, 2Faculty of Health, Ouargla, Algeria
Monday 01.07.2019

10:30 – 10:35  PSL3-1
A rare case of bilateral vocal fold paralysis in an adult with Type 1 Chiari malformation
Oliveira Seixas J., Melo Sousa P., Chang Mendes I., Rosário M., Barros E.
Centro Hospitalar Universitário de Lisboa Central, Otorhinolaryngology, Lisboa, Portugal

10:35 – 10:40  PSL3-2
Early voice problems assessment after thyroidectomy using vocal fatigue index (VFI) - a preliminary study
Kim H., Park I.-S.
Dongtan Sacred Heart Hospital, Hallym University of Medicine, Otorhinolaryngology, Hwaseongsi, Korea, Republic of

10:40 – 10:45  PSL3-3
Medialization laryngoplasty using rib cartilage - Russian experience
Khozin R.
Saint Petersburg Scientific Research Institute of Ear, Throat, Nose and Speech, Saint Petersburg, Russian Federation

10:45 – 10:50  PSL3-5
MRI in the management of Laryngeal paralysis
Azzam I.¹, Dinkel E.², Hoareau F.², Carmantrant R.³, Essakalli L.¹
¹Faculté de Medecine Rabat, ENT Department, Rabat, Morocco, ²Groupement Hospitalier Portes de Provence, ENT Department, Montelimar, France
### Poster Session – Head & Neck

**Head & Neck**

Chair: M. Tedla, Slovakia

**10:30 – 10:35**

**PSHN3-1**


Hospital Universitario Donostia, Donostia, Spain

**10:35 – 10:40**

**PSHN3-2**

Base of the tongue cancer using subhyoid pharyngotomy approach


Hospital Universitario de Torrejon, Otolaryngology Department, Madrid, Spain

**10:40 – 10:45**

**PSHN3-3**

Assessment of shear wave elastography in the prediction of malignant cervical lymph nodes

Lo W.-C., Cheng P.-W., Liao L.-J.

Far Eastern Memorial Hospital, New Taipei City, Taiwan, Republic of China

**10:45 – 10:50**

**PSHN3-4**

The effect of incidental parathyroidectomy on postoperative calcium levels following thyroidectomy

Doulaptsi M., Millioni A., Prokopakis E., Velegrakis S., lerodiakonou D., Karatzanis A.

University of Crete, School of Medicine, Department of Otorhinolaryngology, Head and Neck Surgery, Heraklion Crete, Greece

**10:50 – 10:55**

**PSHN3-5**

Malignant mucosal melanoma arising from the right maxillary sinus: a case report of potentially deadly unilateral conductive hearing loss with literature review

Blackabey V., Kenyon O., Talwar R.

Luton & Dunstable Hospital, Department of Otolaryngology, Luton, United Kingdom

### Poster Session – Otology / Neurotology

**Otology / Neurology**

Chair: A. Ramos, Spain

**10:30 – 10:35**

**PSON3-1**

Necrotizing external otitis: 20 years review in a tertiary hospital

Corriols Noval P., López Simón E.C., Morales Angulo C., Gutierrez Cuadra M.

1Hospital Universitario Marqués de Valdecilla, ENT, Santander, Spain, 2Hospital Universitario Marqués de Valdecilla, Infectious Diseases, Santander, Spain

**10:35 – 10:40**

**PSON3-2**

Clinical feasibility of preoperative three-dimensional reconstruction of temporal bone using computed tomography in vestibular schwannoma removal via translabyrinthine approach

Song S.W., Jun B.C.

1Catholic University Seoul, Radiology, Uijeongbu, Korea, Republic of, 2Catholic University Seoul, Uijeongbu St. Mary Hospital, Otolaryngology Head & Neck Surgery, Uijeongbu, Korea, Republic of

**10:40 – 10:45**

**PSON3-3**

Estimated vestibulogram for lateral semicircular canal function

Striteska M., Profant O., Valis M., Chovanec M., Mejzlik J., Trnkova K.

1Charles University in Prague, 3rd Faculty of Medicine, University Hospital Kralovské Vinohrady, Department of Otorhinolaryngology, Prague, Czech Republic, 2University Hospital Hradec Kralove, Charles University, Faculty of Medicine in Hradec Kralove, Department of Otorhinolaryngology and Head and Neck Surgery, Hradec Kralove, Czech Republic, 3University Hospital Hradec Kralove, Charles University, Faculty of Medicine in Hradec Kralove, Department of Neurology, Hradec Kralove, Czech Republic
10:30 – 11:00  Exhibition Area

Poster Session - Others
Laryngology + General: Facial plastic

10:30 – 10:35
PSO3-1
Revised COSS questionnaire before and after total endoscopic and combined sialendoscopy
Dobnikar N.1, Urbancic J.1, Anicin A.1,2
1UMC Ljubljana, Department of Otorhinolaryngology and Cervicofacial Surgery, Ljubljana, Slovenia, 2University of Ljubljana, Medical Faculty, Ljubljana, Slovenia

10:35 – 10:40
PSO3-2
A preliminary report on ultrasonographic and elastographic biometry in major salivary glands of Asian adults
Fang K.M.1, Wen M.H.1, Hsu W.L.2, Chang C.M.1, Hou P.Y.1, Liao L.J.1
1Far Eastern Memorial Hospital, New Taipei City, Taiwan, Republic of China, 2Academia Sinica, Taipei, Taiwan, Republic of China

16:30 – 17:00  Exhibition Area

Poster Session – Rhinology / Allergology
Rhinoplasty and septal surgery

Chair: P. Palma, Italy

16:30 – 16:35
PSRA4-1
Quilting sutures compared with sponge packing in septoplasty and turbinoplasty
1Hospital Universitario de Canarias, ENT, Santa Cruz, Spain, 2Hospital Santos Reyes, ENT, Aranda de Duero, Spain, 3Hospital Universitario de Canarias, ENT, San Cristobal, Spain

16:35 – 16:40
PSRA4-3
Sepsis, multi organ failure and an infected rhinoplasty
Chandrasekar B., Poulios A.
MidYorkshire Hospital NHS Trust, Wakefield, United Kingdom

16:40 – 16:45
PSRA4-4
Aesthetic outcomes of modified extracorporeal septoplasty with the closed technique: a prospective study
Demir D., Elden H., Kara A., Guven M.
Sakarya University Faculty of Medicine, Department of Otolaryngology, Sakarya, Turkey

16:45 – 16:50
PSRA4-5
IgG4-related disease causing progressive nasal cartilage destruction
Kazantzi M.1, Nakos G.2, Skoutellas V.3, Anagiotos A.1
1Nicosia General Hospital, ENT Department, Nicosia, Cyprus, 2Nicosia General Hospital, Department of Pathology, Nicosia, Cyprus, 3Nicosia General Hospital, Department of Rheumatology, Nicosia, Cyprus

16:30 – 17:00  Exhibition Area

Poster Session – Laryngology
Microsurgery

16:30 – 16:35
PSL4-3
Pathological sulcus vocalis: treatment approaches and voice outcomes in 36 patients
Maskiewicz B.1, Szkilekowska A.1,2, Gos E.1, Panasiewicz A.1, Wlodarczyk E.1, Klebukowski L.3, Tomane E.1, Skarzynski P.1,2,5
1Institute of Physiology and Pathology of Hearing, World Hearing Center, Warsaw, Poland, 2Fryderyk Chopin University of Music, Audiology and Phoniatrics Faculty, Warsaw, Poland, 3Fryderyk Chopin Regional Hospital, Rzeszow, Poland, 4Medical University of Warsaw, Department of Heart Failure and Cardiac Rehabilitation, Warsaw, Poland, 5Institute of Sensory Organs, Kajetany, Poland

16:35 – 16:40
PSL4-5
„Pear pressure” - a case of an unusual giant mixed laryngocele
Nurdin A., Serras D., Correia Rodrigues P., Silva C., Santos A.R., Luís L., Carvalho T.
Hospital de Santa Maria, Lisbon, Portugal
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Authors</th>
<th>Institution</th>
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<tr>
<td>16:30 – 16:35</td>
<td>PSHN4-1</td>
<td>Role of intraoperative PTH monitoring. Retrospective study of our parathyroidectomies in the last 10 years</td>
<td>Fernandez Cascon S., Buendia Pajares C., Morales Medina G., Rettig Infante I., Herrero</td>
<td>Hospital Universitario Rio Hortega, ENT Department, Valladolid, Spain</td>
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<td>16:40 – 16:45</td>
<td>PSHN4-3</td>
<td>Neck surgery with hypnosis: an evaluation based upon patient’s self assessment</td>
<td>Jaouen M., Parent V., Codet M., Gerard V., Chatellier-Miras A., De Crouy Chanel O., Jegoux F.</td>
<td>Rennes University Medical Center, Rennes, France</td>
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<td>16:30 – 17:00</td>
<td>Exhibition Area</td>
<td>Posters for the poster sessions on Head &amp; Neck and Otology / Neurotology</td>
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<td>16:30 – 16:40</td>
<td>PSON4-2</td>
<td>Bell’s palsy - clinical observations and data from a study of 191 cases</td>
<td>Yuan J., Johari S., Chong Y.K.</td>
<td>Tan Tock Seng Hospital, Singapore, Otorhinolaryngology, Singapore, Singapore</td>
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<tr>
<td>16:40 – 16:45</td>
<td>PSON4-3</td>
<td>Influence of vitamin D deficiency on progression of otitis media in rats</td>
<td>Cho C.G., Kim YW., Park J.H.</td>
<td>Dongguk University, Goyang, Korea, Republic of</td>
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<tr>
<td>16:45 – 16:55</td>
<td>PSON4-4</td>
<td>Impact of noise on neural tracking of hierarchical linguistic structures</td>
<td>Niesen M.1,2, Bourguignon M.2, Vander Ghinst M.1,2, Bertels J.2, Wens V.2, Choufani G.1, Hassid S.1, Goldman S.2,3, De Tiège X.2,3</td>
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1. Université Libre de Bruxelles, Department of Otorhinolaryngology, CUB Hôpital Erasme, Brussels, Belgium, 2. Université Libre de Bruxelles, Laboratoire de Cartographie Fonctionnelle du Cerveau, UNI — ULB Neurosciences Institute, Brussels, Belgium, 3. Université Libre de Bruxelles, Department of Functional Neuroimaging, Service of Nuclear Medicine, CUB Hôpital Erasme, Brussels, Belgium |
| 16:50 – 16:55| PSON4-5                         | The bony obliteration tympanoplasty in paediatric cholesteatoma: long term safety and hygienic results                                  | van Dinther J.1, Vercruysse J.-P.1, Camp S.1, De Foer B.2, Casselman J.2,3, Zarowski A.1, Cremers C.4, Offeciers E.1 | 
1. European Institute for ORL-HNS, Department ENT-HNS Sint Augustinus Hospital GZA, Antwerp, Belgium, 2. Radiology Department Sint Augustinus Hospital GZA, Antwerp, Belgium, 3. Radiology Department Sint Jan, Bruges, Belgium, 4. Radboud University Medical Center, ENT-HNS, Nijmegen, Netherlands |
16:30 – 17:00 Exhibition Area

Poster Session – Laryngology +
General: Facial plastic

Chair: A. McWhorter, United States

16:30 – 16:35
PSO4-1
Extracorporeal septoplasty in children
Crisóstomo Carvalho Â.M.¹, Patrão F.², Soares V.², Amaral R.², Arancibia D.³, Marques dos Santos J.², Neves J.³
¹Centro Hospitalar Tondela Viseu, ENT, Viseu, Portugal, ²Centro Hospitalar Tondela Viseu, Viseu, Portugal, ³My Face Clinica da Face, Coimbra, Portugal

16:35 – 16:40
PSO4-3
Lateral crural reversal combined with turn-in flap: How we do it
Ferguson M., Rennie C., Saleh H.
Imperial College Healthcare NHS Trust, ENT, London, United Kingdom
Tuesday 02.07.2019

**10:30 – 11:00 Exhibition Area**

**Poster Session – Rhinology / Allergology**

**Basic Science**

Chair: M. Mokry, Austria

10:30 – 10:35  
PSRA5-1  
Exogenous Lipoxin A4 regulates IL4-induced mucin expression in human airway epithelial cell  
Kim J.K.1, Seo E.-H.2, Cha S.2, Lee S.H.2  
1Konkuk University School of Medicine, Otorhinolaryngology-Head & Neck Surgery, Seoul, Korea, Republic of; 2Konkuk University School of Medicine, Bk Plus 21, Microbiology, Seoul, Korea, Republic of

10:35 – 10:40  
PSRA5-2  
The bleeding risk of antithrombotic therapy on patients undergoing endoscopic sinus surgery  
Noda M.1, Higaki T.1, Koyama T.1, Kariya S.1, Okano M.2, Nishizaki K.1  
1Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Department of Otolaryngology-Head and Neck Surgery, Okayama, Japan; 2International University of Health and Welfare School of Medicine, Department of Otolaryngology, Narita, Japan

10:40 – 10:45  
PSRA5-3  
Concordance study between the auto-perception of olfactory dysfunction and olfactometry results using sniffing stick screening test  
García-Huidobro F.1, Willson M.1, Rosenbaum A.1, Brañes R.1, Lobos F.1, Villanueva P.2, Gonzalez C.1, Callejas C.1  
1Pontificia Universidad Católica de Chile, ENT, Santiago, Chile; 2Pontificia Universidad Católica de Chile, Neurosurgery, Santiago, Chile

10:45 – 10:50  
PSRA5-4  
Measurements of exhaled nasal nitric oxide in patients with chronic rhinosinusitis  
Nassar Filho J., Valera F., Rossato M., Nassar L., Tamashiro E., Anselmo-Lima W.  
University of São Paulo, Ophthalmology, Otorhinolaryngology, Head and Neck, Ribeirão Preto, Brazil

**10:30 – 11:00 Exhibition Area**

**Poster Session – Laryngology**

**Swallowing**

Chair: T. Hantzakos, Greece

10:30 – 10:35  
PSL5-1  
Dysphagia following chemoradiation therapy for laryngeal and hypopharyngeal cancer  
Reda S.1, Grobas J.1, Vicente A.2, Santamaría M.L.2, Sánchez P.1, Álvarez C.A.1, Llorente J.L.1  
1Hospital Universitario Central de Asturias (HUCA), Otolaryngology, Oviedo, Spain; 2University of Oviedo, Faculty of Psychology, Oviedo, Spain

10:35 – 10:40  
PSL5-2  
The role of fiberoptic endoscopic evaluation of swallowing (FEES) in respiratory events due to aspiration in neurogenic dysphagia. Prospective study in a tertiary hospital  
Rego A.1, Carvalho I.2, Vaz-Freitas S.1, Feliciano T., Almeida C.1  
1Centro Hospitalar do Porto, Porto, Portugal; 2Centro Hospitalar do Porto, ENT, Porto, Portugal

10:40 – 10:45  
PSL5-3  
Comprehensive using of “RSI,” “RFS” tests and biomarkers in the diagnosis of laryngopharyngeal reflux in laryngeal neoplastic diseases  
Zabolotnyi D., Kizim Y.  
State Institution “O.S. Kolomiychenko Institute of Otolaryngology of NAMS of Ukraine,” Department of General Otolaryngology, Kyiv, Ukraine

10:45 – 10:50  
PSL5-4  
Pharyngeal residue severity rating scale - translation and contribution to validation for European Portuguese  
Carvalho I.1, Vaz-Freitas S.1, Martins A.2, Reis Rego A.1  
1Centro Hospitalar e Universitário do Porto - Hospital de Santo António, Otorrinolaringologia (ENT), Porto, Portugal; 2Hospital-Escola da Universidade Fernando Pessoa, Medicina Física e Reabilitação (PM&R), Porto, Portugal
10:30 – 11:00  Exhibition Area

**Poster Session – Head & Neck**

**Head & Neck**

Chair: M. Quer, Spain

**10:30 – 10:35**

**PSHN5-2**

Chemoselection with a single cycle of induction chemotherapy in the organ preservation of locally advanced laryngeal and hypopharyngeal tumors


¹Hospital Universitario Central de Asturias (HUCA), O.R.L., Oviedo, Spain

**10:35 – 10:40**

**PSHN5-3**

Head and neck squamous cell carcinoma bone marrow infiltration in a patient with stage 2 oropharyngeal cancer

Wong B., Fong J.

Ipswich Hospital NHS Trust, Ipswich, United Kingdom

**10:40 – 10:45**

**PSHN5-4**

Non-recurrent laryngeal nerve in thyroid surgery

Nouikes Zitouni S., Daoudi A., Kharoubi S.

Faculty of Medicine, Otorhinolaryngology, Annaba, Algeria

**10:45 – 10:50**

**PSHN5-5**

CHA2DS2-VASc score is a useful predictor of postoperative cerebrovascular events

Haapio E., Kinnunen I., Airaksinen J.K.E., Koivunen P., Ijala H., Kiviniemi T.

¹University of Turku, Turku University Hospital, Turku, Finland

**16:30 – 17:00  Exhibition Area**

**Poster Session – Rhinology / Allergology**

**Chronic Rhinosinusitis and Allergy**

Chair: S. Beton, Cyprus

**PSRA6-1**

CT findings of unilateral chronic rhinosinusitis: association between chronic inflammation and bone thickness

Naoi Y., Tachibana T., Haruna T., Komatsubara Y., Matsuyama Y., Kariya S., Nishizaki K.

¹Japanese Red Cross Society Himeji Hospital, Himeji, Japan

²Okayama University Graduate School of Medicine, Department of Otolaryngology-Head & Neck Surgery, Okayama, Japan

**10:30 – 11:00  Exhibition Area**

**Poster Session – Otology / Neurotology**

**Otology / Neurology**

Chair: G. Tavartkiladze, Russian Federation

**10:30 – 10:35**

**PSON5-3**

Study of brain plasticity mechanisms on binaural integration in adult bilateral cochlear-implanted patients

Alfieri-Bonnier C., Péan V., Joly C.-A., Seldran F., Aubry K., Truy E.

¹CHU Dupuytren, Department of ENT, Limoges, France

²Université Claude Bernard Lyon 1, Villeurbanne, France

³CRNL, Impact Team, Bron, France

⁴MED-EL, Elektromedizinische Geräete Gesellschaft m.b.H, Sophia-Antipolis, France

⁵CHU Dupuytren, Limoges, France

⁶Hôpital Edouard Herriot, Department of ENT, Lyon, France

**10:35 – 10:40**

**PSON5-4**

The efficiency of prosthesis with extensible (Adjustable) stem in ossicular chain reconstruction: our experience

Diab K., Pashchinina O., Zukha A., Panina O.

Federal Scientific-Clinical Center of Otorhinolaryngology, Otology, Moscow, Russian Federation

**10:30 – 11:00  Exhibition Area**

**Poster Session – Other**

**General: Sleep Medicine**

NO ABSTRACTS
16:35 – 16:40
PSRA6-2
Current therapy of chronic rhinosinusitis before the first visit in a tertiary institution in Slovenia
Urbancic J.1,2
1UMC Ljubljana, Department of Otorhinolaryngology and Cervicofacial Surgery, Ljubljana, Slovenia, 2University of Ljubljana, Medical Faculty, Ljubljana, Slovenia

16:40 – 16:45
PSRA6-3
Nasal congestion in patients with septal deviation and inferior turbinate hypertrophy
Jerman A.1, Urbančič J.2
1Splošna Bolnišnica Jesenice, Jesenice, Slovenia, 2UMC Ljubljana, Department of Otorhinolaryngology and Cervicofacial Surgery, Ljubljana, Slovenia

16:45 – 16:50
PSRA6-4
Maxillary sinusitis due to medication-related osteonecrosis of the jaw
Bae J.
Ewha Womans University, Otorhinolaryngology, Seoul, Korea, Republic of

16:30 – 17:00 Exhibition Area
Poster Session – Laryngology
Airway

16:35 – 16:40
PSL6-2
A rare case of Solitary Neurofibroma of the Larynx: diagnosis, treatment and follow-up
O’Neill Mendes N., Rito J., Gião M., Antunes J., Orfao J., Melo M., Guimaraes A., Freire F.
Hospital Professor Doutor Fernando Fonseca, Otolaryngology, Amadora, Portugal

16:40 – 16:45
PSL6-3
Intralesional steroids as a treatment for laryngeal stenosis
Delgado-Vargas B.1, Sanz L.2, Bonet M.2, Acle L.2, Narciso G.2, Pinacho P.2, Mata N.2
1Hospital Universitario de Torrejon, Otorhinolaringology, Torrejon de Ardoz, Spain, 2Hospital Universitario de Torrejon, Otorhinolaringology, Torrejon de Ardoz, Spain

16:45 – 16:50
PSL6-4
Improving voice in adults with glottal gap: fat injection. Does it work?
Navarro R.R.1, Gonzalez R.2, Hernandez E.2, Plaza G.2
1Hospital Universitario de Fuenlabrada, Las Rozas, Spain, 2Hospital Universitario de Fuenlabrada, Fuenlabrada, Spain

16:50 – 16:55
PSL6-5
Invasive aspergillosis of the larynx complicating acute myeloid leukaemia (AML) and presenting with airway obstruction: a case report and review of literature
Kang C., Oakley R., Simo R., Ahmed W., Volpini L.
Guy’s & St Thomas’ NHS Foundation Trust, Ear, Nose and Throat, London, United Kingdom

16:30 – 17:00 Exhibition Area
Poster Session – Head & Neck
Head & Neck

16:30 – 16:35
PSHN6-1
An experience of tonsillectomy while tracking patients with IgA-nephropathy
Karpischenko S., Kolesnikova O., Legkova I.
Pavlov First Saint Petersburg State Medical University, Saint Petersburg, Russian Federation

16:30 – 16:35
PSL6-1
A delayed diagnosis of Pallister-Hall syndrome in an adult male and the incidental detection of a bifid epiglottis years later
Lopes M., Teixeira H., Polainas S., Dentinho J., André C., Antunes L.
Hospital Garcia de Orta, Almada, Portugal
16:35 – 16:40
PSHN6-2
Level IV neck dissection as an elective treatment for oral tongue carcinoma - a systemic review and meta-analysis
Shabtay N.1, Ronen O.1,2
1Azrieli Faculty of Medicine, Bar-Ilan University, Safed, Israel, 2Galilee Medical Center affiliated with Azrieli Faculty of Medicine, Bar-Ilan University, Safed, Otolaryngology - Head and Neck Surgery, Nahariya, Israel

16:40 – 16:45
PSHN6-3
Reconstruction of pharyngostomas, orostomas and pharyngeal stenosis by microvascular free flap: our experience
Sánchez P., López F., Reda S., Pedregal D., Menéndez M., Sánchez M., Grobas J., Llorente J.L.
Hospital Universitario Central de Asturias (HUCA), ORL, Oviedo, Spain

16:45 – 16:50
PSHN6-4
Expression of pluripotency factors in head and neck carcinomas
Pedregal Mallo D.1, García Pedrero J.M.2, Tirados Menéndez S.2, Granda Díaz R.2, Alonca E.2, Llorente Pendás J.L.1, Rodrigo Tapia J.P.1
1Hospital Universitario Central de Asturias (HUCA), ORL, Oviedo, Spain, 2Instituto de Investigación Sanitaria del Principado de Asturias, Oviedo, Spain

16:30 – 17:00 Exhibition Area
Poster Session – Otology / Neurotology
Otology / Neurology

Chair: J. Hamilton

16:30 – 16:35
PSON6-1
Nocebo effect in meniere’s disease: what do placebo-controlled randomised controlled trials tell us?
Dimitriadis P.1,2, Nussbaumer M.2, Tsioulos K.3, Zis P.4
1Sheffield Teaching Hospitals, Otolaryngology, Sheffield, United Kingdom, 2Barnsley General Hospital NHS Foundation Trust, Otolaryngology, Barnsley, United Kingdom, 3Imperial College London, Otolaryngology, London, United Kingdom, 4Sheffield Teaching Hospitals, Neurology, Sheffield, United Kingdom

16:35 – 16:40
PSON6-3
Mutation in TECTA is a major cause of post lingual non-syndromic autosomal dominant hearing loss in Cantabria
Costales M.1, Pedregal D.1, Corriols P.2, Diñeiro M.3, Cadiñanos J.3, González R.2, Cabanillas R.3
1Hospital Universitario Central de Asturias (HUCA), ORL, Oviedo, Spain, 2Hospital Universitario Marques de Valdecilla, ORL, Santander, Spain, 3Instituto de Medicina Oncológica Molecular de Asturias, Oviedo, Spain

16:40 – 16:45
PSON6-4
Treatment hearing impairment with cochlear implantation in Cogan’s syndrome - the first case report in Poland
Dabkowska A.1, Pastuszak A.1, Dziendziel B.1, Boruta M.1, Skarzynski H.1, Klebukowski L.2, Skarzynski P.1,4
1Institute of Physiology and Pathology of Hearing, World Hearing Center, Warsaw, Poland, 2Fryderyk Chopin Regional Hospital, Rzeszow, Poland, 3Medical University of Warsaw, Department of Heart Failure and Cardiac Rehabilitation, Warsaw, Poland, 4Institute of Sensory Organs, Kajetany, Poland

16:45 – 16:50
PSON6-5
Blast and cholesteatoma: our experience
Horoi M.1, van Zuylen C.2, Thill M.-P.1
1Saint-Pierre Hospital, Brussels, Belgium, 2Université Libre de Bruxelles, Saint-Pierre Hospital, Brussels, Belgium

16:30 – 17:00 Exhibition Area
Poster Session – Other
General Miscellaneous

16:30 – 16:35
PSO6-1
Tapia’s syndrome: the improbabile condition you didn’t expect
Valenzise V., Molteni G.
A.S.S.T. Lariana - Ospedale Sant’Anna - Como, Department of Otolaryngology, Head and Neck Surgery, San Fermo della Battaglia, Como, Italy

16:35 – 16:40
PSO6-2
10 years European Board Exam Otorhinolaryngology-Head and Neck Surgery (EBEORL-HNS)
Albegger K.
EBEORL-HNS, Graz, Austria
**E-POSTER | CASE STUDY**

**Head and Neck**

**PC-4** | Aspirated tracheoesophageal prosthesis  

**PC-8** | Infectious cervical lymphadenopathy in a young adult caused by syphilis  
G. Lim, C. Hyun (Korea, Republic of)

**PC-9** | The anterior belly of digastric abscess - a never before described abscess in the head and neck  
A. Thompson, M. Pankhania (United Kingdom)

**PC-10** | A novel approach to finding the facial nerve trunk in large parotid lesions  
R.Q.Q. Lim, M.Y. Lim (Singapore)

**PC-15** | Chronic odynophagia and nausea caused by lingual tonsil hypertrophy  
J. Canha Dentinho, S. Polainas, M. Branco, S. Alves, V. Proença, L. Antunes (Portugal)

**PC-17** | Incidence of oropharynx carcinoma in Cantabria province (Spain) in the last 5 years  
P. Corriols Noval, A. Viana Cora, N. Castillo Ledesma, E.C. López Simón, M. Martino González, C. Morales Angulo (Spain)

**PC-34** | Unfavorable progress of recurred masticator space sarcoma even after successful salvage surgery  
S.-Y. Lee, M.-K. Kim, C.S. Won (Korea, Republic of)

**PC-42** | Extensive multinodular recurrence of pleomorphic adenoma: a case report  
M. Santos, B. Domingues, E. Monteiro (Portugal)

**PC-46** | Comparison of the Pittsburgh staging system and the American Joint Committee on Cancer TNM classification for the prognostic evaluation of external auditory canal cancer  
S. Morita, T. Mizumachi, Y. Nakamaru, A. Fukuda, K. Fujiwara, A. Homma (Japan)

**PC-47** | Herpes zoster of the mandibular division of the trigeminal nerve: a case report and literature review  
D. Lim, L. Huang (Singapore)

**PC-53** | Use of the “Pin Wheel” flap in scalp reconstruction  

**PC-55** | Unusual complications in tracheostomized patients. Clinical presentation and management of three cases  
A. Lemes Robayna, C.A. Perez Fernandez, A. Muntaner Vives, C.A. Rombola, C.E. Almonte Garcia (Spain)

**PC-57** | Differential diagnosis of the benign tumors of orofaringe: a purpose of a clinical case  
L. Rodríguez Alcalá, S. Moreno Paredes, C. Vázquez López, F. Fernández López (Spain)

**PC-58** | Acute longus colli calcific tendinitis: a rare cause of neck pain and odynophagia  

**PC-60** | Uncommon laryngeal tumors and pseudotumors II  

**PC-65** | Kikuchi-Fujimoto disease: a case report  
M. Abusultan, J. Beño, M. Grenčík, M. Dubovský (Slovakia)

**PC-66** | Lower lip reconstruction after squamous cell carcinoma resection: a case report  
A. Alvarez, M. Maldonado, E. Sota (Spain)

**PC-68** | Anatomical variation mimicking a paraesophageal foreign body  
S.Y. Ooi, J.Y. Pang, P.S.X. Lock (Singapore)

**PC-69** | A common entity in an uncommon place: lipoma of the pharynx  
A. Lima, F. Moreira, A. Menezes, I. Costa, B. Rodrigues, L. Dias (Portugal)
PC-70 | Differential diagnosis of a neck mass: cervical schwannoma. A purpose of a clinical case
C. Vazquez Lopez, L. Rodríguez Alcalá, S. Moreno Paredes, F. Chiquero Ortiz (Spain)

PC-72 | Rare complication after pharyngeal tumor surgery
M.A. Jurado Anillo, E. Fuster Martín, M.S. Sánchez Torices (Spain)

PC-74 | Sclerosing epithelioid fibrossarcoma: a case report and literature review
J. Reis Antunes, A. Pereira, J. Órfão, M. Gião, J. Rito, J. Rego, C. Adónis, F. Freire (Portugal)

PC-75 | An unusual pediatric sinonasal primitive malignant neoplasm - a diagnostic dilemma
R. Zhu, W.Q.D. Lian, H.L. Koh (Singapore)

PC-76 | Atypical clinic debut of a tracheal chondrosarcoma. Surgical management and literature review
S. Fernandez Cascon, C. Buendia Pajares, G. Morales Medina, I. Rettig Infante, E. Gil-Carcedo Sañudo, L.A. Vallejo Valdezate (Spain)

PC-78 | Can a common symptom hide a rare diagnosis?
A.I. Gonçalves, D. Abreu Pereira, N. Oliveira, D. Duarte, G. Lopes (Portugal)

PC-83 | Transcervical approach as surgical treatment in a bilateral Eagle syndrome
L. Acle Cervera, L. Sanz López, B. Delgado Vargas, G. Narciso Martínez, M. Bonet Loscertales, P. Pinacho Martínez, N. Mata Castro (Spain)

PC-87 | Acute calcific tendonitis of the longus colli: a rare and benign disease to be remembered
J.M. Soares Ferreira, F. Monteiro, N. Medeiros, A. Faria de Almeida, A. Condê (Portugal)

PC-89 | Necrotizing sialometaplasia of the larynx
B. Delgado-Vargas, L. Acle, M. Bonet, L. Sanz, G. Narciso, P. Pinacho, N. Mata (Spain)

PC-93 | Cutaneous malignant melanoma metastasising to the palatine tonsils: a case study
A. Ezebuio, J. Sanders, A. Jacob, N. Karampekos, R. Oakley (United Kingdom)

PC-97 | A rare case of giant frontal sinus osteoma with orbital extension
H.P. Singh, S. Kumar (India)

PC-111 | Carcinomas of the skin of head and neck - The challenge of reconstruction
M.S. Sánchez Torices, E. Fuster Martin, A. Jurado Anillo (Spain)

PC-117 | Embryonal rhabdomyosarcoma of the supraglottis: report of a rare case
L.K.R. Porfirio, B.J. Matos, A.A. Junior, M.A.V. Resende, L.D. Oliveira, C. Chang (Brazil)

PC-125 | Spontaneous neck hematoma in elderly healthy woman
M. Bauer, L.M. Torres Morientes, A. Sánchez Martínez, J.E. Ramirez Salas, A. Fernández Rodriguez, P. Viveros Diez, J.J. Fuertes Alia, D. Morais Pérez (Spain)

PC-130 | Two-stage reconstruction of a post-irradiation tracheoesophageal fistula and concomitant esophagus stenosis with a combination of tracheal resection and platysma flap
Z. Bere, G. Vass, A. Bach, B. Sztano, L. Rovo (Hungary)

PC-133 | Malignant vagal syndrome?
A. Contreras (Spain)

PC-135 | Tapia syndrome caused by Eagle syndrome: a case review
A. Ezebuio, C. Tornari, A. Takhar, R. Oakley (United Kingdom)

PC-140 | A case of tracheal disruption due to a cut injury in a 16-year-old
A.M. Tekin (Somalia)

PC-143 | A rapidly enlarging lesion of the pinna
M. Farwana, C. Tornari, J. Sanders, R. Oakley (United Kingdom)

PC-144 | A surprising histology result following hemithyroidectomy
M. Farwana, C. Tornari, J. Fleming, R. Simo (United Kingdom)
PC-149 | Primary mucoepidermoid carcinoma of the thyroid: first report of a rare case with bone metastasis and review of the literature
N.Q. Duy, L.V. Quang, N.X. Quy (Viet Nam)

PC-152 | Internal jugular vein phlebectasia in an Asian adult female: a case report and review of literature
J. Ong, A.C. Tham (Singapore)

PC-161 | Adult sinonasal alveolar rhabdomyosarcoma
M.S. Cabrera Ramírez, M.S. Domínguez Sosa, M.A. Ojeda Rodríguez, M. Valido Quintana, A.M. Oviedo Santos, P. Santamaria Blanco (Spain)

PC-162 | Bone parietal autografts for plasty of iatrogenic defects of the anterior wall of the frontal sinus in chronic frontal sinusitis
I. Kirichenko, V. Popaduk, A. Karayan, K. Shumov, N. Subbotina (Russian Federation)

PC-166 | Primary branchiogenic carcinoma

PC-167 | Non-traumatic myositis ossificans of the neck: a case study
O. Gökler, U.D. Ceylan, O. Altuntaş, A. Ulubil (Turkey)

PC-169 | Malignant paraganglioma of the vagus nerve: diagnostic and therapeutic strategies
K. Messaoudi, C. Hamadi, N. Ait Mesbah, N. Yahi (Algeria)

PC-170 | Retropharyngeal carotid: 2 cases report
M. Valido Quintana, Á. Oviedo Santos, S. Domínguez Sosa, M.S. Cabrera Ramírez, M.A. Ojeda Rodríguez (Spain)

PC-172 | Posttransplantation lymphoproliferative disorder in bilateral lung transplant patient
S. Domínguez Sosa, M.S. Cabrera Ramírez, Á. Oviedo Santos, J. Benitez del Rosario, M.V. Medina Cruz, J.C. Rivero Vera (Spain)

PC-175 | Does external auditory canal polyp always refer to chronic ear disease? Case report of expanded jugulotympanic paraganglioma
A. Pasvenskaite, V. Ullozas, K. Niemczyk, A. Laukaitiene (Lithuania)

PC-182 | Non-recurrent inferior laryngeal nerve associated with aberrant right subclavian artery: a case report
P. Viveros Diez, J.E. Ramirez Salas, L.M. Torres Morientes, A. Sánchez Martínez, A. Fernández Rodríguez, M. Bauer, D. Morais Perez (Spain)

PC-210 | Endoscopic closure of pharyngocutaneous fistula following laryngectomy
L. Pincet, K. Lambercy, C. Simon, F. Gorostidi (Switzerland)

PC-211 | The evolving role of surgery in head and neck haematological malignancies
C. Simion-Antonie, S. Bertesteau, P. Pascu, G. Munteanu, M. Condeescu-Cojocarita, B. Popescu, A. Cirstea, R. Grigore (Romania)

PC-212 | Pharyngeal adult type Rhabdomyoma: a rare benign tumor
A. Rubio Fernandez, M. Arribas Graullera, M. Torres Perez, B. Pallares Marti, F. Martinez Exposito, J. Basterra Alegria (Spain)

PC-218 | Thyroid microcarcinoma: epidemiological, clinical and therapeutic profil
M. Hakimi (Morocco)

PC-220 | Fibromatosis colli: about four case
M. Benfdil, H. Monji, M. Elfakiri, Y. Rochdi, H. Nouri, A. Raji (Morocco)

PC-223 | Multiple laryngeal lymphoepithelial cysts in a symptomatic woman: a case report and review of the literature
A.T. Sanchez Tudela, M.P. Camargo Camacho, M. Gonzalez Vega, M.J. Torres Aguilar, C. Colina Etala, M.C. Marrero Ramos, J.J. Benitez del Rosario (Spain)

PC-235 | Diffuse large B cell lymphoma of tongue base: a case report
S. Sirin, E. Koroglu (Turkey)

PC-241 | Amelanotic melanoma of the scalp - a case report
D. Serras, A. Nurdin, T. Eça, D. Tomé, A.R. Santos, L. Luis (Portugal)
PC-246 | Melkersson-Rosenthal syndrome: a rare cause of peripheral facial palsy in a case
N. Belhaj, R. Bencheikh, M.A. Benbouzid, L. Essakalli (Morocco)

PC-247 | Cystic adenoid carcinomas with atypical ENT localizations
Y. Lakhdar, S. Elhatimy, M. Elfakiri, Y. Rochdi, H. Nouri, A. Raji (Morocco)

PC-249 | Cervical metastatic lymphadenopathies of unkown primary site
S. Dhambri, M. Dhaha, M. Cherif, K. Tarhouni, S. Jebali, S. Kedouss, S. Touati, S. Gritli (Tunisia)

PC-253 | Pediatric temporal bone rhabdomyosarcoma
L. Rodrigues, J. Varandas, J. Filipe, A. Santos, C. Macor (Portugal)

PC-255 | ICA aneurysm: a rare complication mimicking Tolosa Hunt syndrome
K. Dinaki, F. Ieridou, A. Sarafidou, P. Karkos, Z. Tsinaslanidou, J. Constantinidis (Greece)

PC-257 | Unusual cause of thyroid abscess, about a case
K. Karim, S. Nitassi, R. Bencheikh, M.A. Benbouzid, A. Oujilal, L. Essakalli Hossyni (Morocco)

PC-262 | Second primary lymphoepithelial carcinoma in the head and neck region
A. Milioni, M. Doulaptsi, E. Prokopakis, S. Velegrakis, A. Karatzanis (Greece)

PC-264 | Rapid growing myofibroma of the maxilla: a case report
I. Xanthou, A. Cheva, K. Dinaki, Z. Tsinaslanidou, A. Zarampouka, J. Constantinidis (Greece)

PC-268 | Surgical reconstruction techniques of spinal accessory nerve after radical neck dissections
M. Szocs, R. Gál, E. Szilágyi, A. Balázs (Romania)

PC-269 | Endoscopic endonasal transclival transodontoid approach for spinal chondrosarcoma, case report
L.A. Pascua Gomez, I. Alvarez Garcia, F. Valcarcel Martin, G. Catalan Uribarrena (Spain)

PC-270 | The role of Hedgehog inhibitors in the treatment of basal cell carcinoma

PC-275 | Radiotherapy for cervical paragangliomas: about 6 cases
L. Aouinti, A. Charai, H. El Atiq, N. Benmansour, M.N. El Alami (Morocco)

PC-281 | Skin metastasis of left buccal cancer treated successfully with anti-PD-1 therapy - a case report
L.A. Hwang, T.-R. Chiou, W.-C. Su (Taiwan, Republic of China)

PC-283 | Proliferating pilomatricoma on top of the head - Differential diagnostic pitfall; Case report and review of the literature
G. Forgács, P. Prekopp, O. Rezek, A. Somorácz, I. Kovács, E. Székely, L. Tamás, G. Polony (Hungary)
Laryngology

PC-14 | Laryngeal Actinomycosis mimicking recurrence after radiotherapy for laryngeal carcinoma
J. Canha Dentinho, S. Boavida, S. Alves, S. Polainas, R. São Pedro, L. Antunes, N. Marques (Portugal)

PC-19 | When otorhinolarygological manifestations lead to the diagnosis of ANCA-associated Vasculitis: a case report
J. Canha Dentinho, H. Teixeira, R. Freitas, S. Alves, J. Brito Mendes, L. Antunes (Portugal)

PC-20 | Apnoeic oxygenation in the management of a glottic foreign body: a case in POINT
E.K. Bhargava, E.W. Chan, P. Coyle, A. Qayyum (United Kingdom)

PC-41 | Laryngeal inflammatory myofibroblastic tumor with anemia and thrombocytosis: a case report
S. Kargın Kaytez, A. Kavuzlu, H. Oğuz (Turkey)

PC-56 | Laryngeal amiloidosis in the Hospital Universitario de Canarias, Spain

PC-94 | Superior laryngeal nerve schwannoma: a rare tumour of parapharyngeal space
M. Bonet, B. Delgado, L. Acle, L. Sanz, G.M. Narciso, P. Pinacho, M. García Martos, N. Mata (Spain)

PC-98 | Electromyography and laryngeal manifestations in several neurological diseases
L. Sanz Lopez, B. Delgado Vargas, M. Bonet Loscertales, L. Acle Cervera, P. Pinacho Martinez, G. Narciso Martinez, N. Mata Castro (Spain)

PC-100 | Dysphonia and polymyalgia rheumatica
L. Sanz Lopez, B. Delgado Vargas, L. Acle Cervera, M. Bonet Loscertales, G. Narciso Martinez, P. Pinacho Martinez, N. Mata Castro (Spain)

PC-108 | Supraglottitis in patients with pancytopenia secondary to metamizole (dipyrone)
F. Vaz Carvalho, C. Areias, M. Ferreira, J. Pires, J. Romão, M.C. Miguéis, L. Silva (Portugal)

PC-115 | Acquired subglottic stenosis: a longstanding dyspnea
N. Medeiros, J. Penêda, E. Castro, J. Larangeiro, A. Condê (Portugal)

PC-116 | Combined laryngocele: a case report and literature review
J.M. Ferreira, L. Ribeiro, R. Gama, F. Castro, A. Faria de Almeida, A. Condê (Portugal)

PC-120 | Malignant mesenchymal tumor of the larynx
S. Djurovic, E. Kapetanovic (Montenegro)

PC-122 | Hoarseness from the chest - a case report
R. São Pedro, F. Ferreira, C. Lourenço, C. André, M. Santos, L. Antunes (Portugal)

PC-131 | Circular resection of 30% trachea in a 7 years old child

PC-173 | Difficulties and challenges in the treatment of hearing loss in a child with Kostmann syndrome - a case report
B. Dziendziel, P. Skarzynski, L. Klebukowski, H. Skarzynski (Poland)

PC-185 | Inflammatory myofibroblastic tumor case report and literature review
M.J. Torres Aguiar, M.P. Camargo Camacho, M. Gonzalez Vega, A. Sanchez Tudela, J.J. Benítez del Rosario (Spain)

PC-190 | Aggressive malignant minor salivary gland adenocarcinoma of the larynx presenting with stridor
D. Daskalou, G. Tsiropoulos, T. Zaraboukas, P. Karkos (Greece)

PC-221 | Laryngeal fracture treated with osteosynthesis plate: two case reports
PC-236 | Predictive factors of carcinological results for glottic cancer treated with laser cordectomy
Z. Alj, M. Haidar, A. Akhana, N. Benmansour, M.N. Alami (Morocco)

PC-239 | Rare cancer larynx: about 20 cases
S. Dhammadri, A. Methnani, A. Kessentini, M. Cherif, S. Jbali, S. Kedouss, S. Touati, S. Gritti (Tunisia)

PC-243 | Spontaneous retropharyngeal space haematoma: a rare case report

PC-252 | Sarcoma of the hypopharynx: a case report
S. Dhammadri, A. Methnani, A. Kessentini, M. Cherif, S. Jbali, S. Kedouss, S. Touati, S. Gritti (Tunisia)

PC-261 | A rare tumor of the larynx, about a case
K. Karim, L. Messaoudi, S. Nitassi, R. Bencheikh, M.A. Benbouzid, A. Oujilal, L. Essakali Hossyni (Morocco)

PC-265 | Severe laryngeal edema after injection laryngoplasty with dextranomer/hyaluronic acid: a case report
S. Sirin, E. Koroglu (Turkey)

PC-279 | Management of locally advanced laryngeal cancer: laryngeal preservation about 36 cases
L. Aouinti, H. El Atiq, A. Charai, N. Benmansour, M.N. El Alami (Morocco)

PC-284 | Superior thyroid cornu syndrome: a rare cause of dysphagia - case report and review of the literature
N. O’Neill Mendes, M. Menezes, M. Gião, D. Raposo, M. Melo, A. Guimarães, F. Freire (Portugal)

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To dilate the cartilaginous portion of the Eustachian tube for treating persistent Eustachian tube dysfunction in patients 18 years and older using a transnasal approach.

Please see Instructions for Use (IFU) for a complete listing of warnings, precautions, and adverse events.

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# INDUSTRY SUPPORTED SESSIONS

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<td></td>
<td>Medtronic is pleased to have Dr. Ooi present his results and experience from the first 400 tonsillectomy cases with BiZact™ the new vessel sealing device designed for tonsillectomies.</td>
<td></td>
</tr>
</tbody>
</table>
Continuing the Pathway of Care
A Perfect Match for ENT Departments’ Needs

- Full HD video recording and image capture.
- Side-by-side video and audio comparison.
- Hertz frequency and audio recording features.
- Frequency overlay with stroboscopy.
- Frame-by-frame playback as well as slow motion and fast-forward.
The Registration Area is located on Level -1. The Mondial Congress & Events team as well as the congress hostesses will be pleased to help you with all inquiries regarding registration, congress materials and the networking program. Please do not hesitate to approach the team members if there is anything they can do to make your stay more enjoyable.

**OPENING HOURS**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, June 29, 2019</td>
<td>14:00 – 20:00</td>
</tr>
<tr>
<td>Sunday, June 30, 2019</td>
<td>07:00 – 17:45</td>
</tr>
<tr>
<td>Monday, July 1, 2019</td>
<td>07:00 – 17:45</td>
</tr>
<tr>
<td>Tuesday, July 2, 2019</td>
<td>07:30 – 17:45</td>
</tr>
<tr>
<td>Wednesday, July 3, 2019</td>
<td>07:30 – 14:30</td>
</tr>
</tbody>
</table>

**Registration Service Counter**
The Registration Service counter can be reached onsite through the following telephone number: +43 676 845 880 704

**PRE-REGISTERED PARTICIPANTS**
For pre-registered participants with a barcode: please use the Self-Print terminals and have the barcode you received via e-mail (subject “CEORL-HNS 2019 – Your Congress Materials”) at hand.

For pre-registered participants with open payments/missing confirmation: please approach the Registration Service counter.

**NEW REGISTRATIONS**
For participants not registered online yet: please use the Onsite Registration terminals to provide all requested information, then proceed to the Registration Service counter to finalize your registration.

For onsite registrations, congress bags are subject to availability.

**ONSITE REGISTRATION FEES**

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onsite Fee – Participant/Invited Faculty</td>
<td>€ 880</td>
</tr>
<tr>
<td>Young Colleague*</td>
<td>€ 500</td>
</tr>
<tr>
<td>Other Professions**</td>
<td>€ 500</td>
</tr>
</tbody>
</table>

* Young Colleague: below 35 years of age, ID to be presented at the Registration Service counter.

** Valid for audiologists and speech therapists. Proof of certificate to be presented at the Registration Service counter.
THE PARTICIPANTS’ REGISTRATION FEE INCLUDES

- participation in the Scientific Program (incl. Industry-Supported Sessions)
- congress materials* (congress bag, final program, name badge)
- official coffee breaks and lunch breaks
- attendance of the Opening Ceremony and Welcome Reception on Saturday, June 29, 2019
- admission to the Closing Ceremony
- admission to the Commercial Exhibition

* Congress materials are subject to availability for registrations made after May 28, 2019.

PAYMENT

Please note that all onsite payments should be made in cash or by credit card (Visa, Mastercard, American Express and Diners Club will be accepted). EURO (€) only.

Unfortunately, we cannot accept traveller’s cheques, other credit cards, Euro cheques or other currencies.
NAME BADGES

Upon registration, you will receive your registration documents and your congress bag. You are kindly requested to wear your name badge during all congress events, including the Opening Ceremony, the Welcome Reception and the Closing Ceremony. Please note that admission to scientific sessions is strictly restricted to participants wearing their badges. Accompanying persons and exhibitors are not entitled to attend the scientific sessions.

The following badge colors are used at the Congress:

- ORGANIZER
- FACULTY
- DELEGATE
- PRESS
- EXHIBITOR
- ACCOMPANYING PERSON
- STAFF
CERTIFICATE OF ATTENDANCE

The Scientific Program of the 5th Congress of European ORL-Head & Neck is accredited by the European Accreditation Council for Continuing Medical Education (EACCME). Please refer to page 13 for further information.

In order to obtain your certificate of attendance, the Confederation requires feedback on its educational and organisational activities. Following the congress, we kindly ask all CEORL-HNS 2019 participants to complete an online evaluation which will be sent to you by e-mail on Wednesday, July 3, 2019 afternoon. The certificate of attendance, stating the participant’s name, the congress title and the number of CME credits attained, will be available for download after completion of the online evaluation.

If a proof of attendance without CME credits, only stating the delegate’s name and congress title is required, please approach the Registration Service counter in the registration area. It can be requested from Tuesday, July 2, 2019, noon onwards!
ABOUT BRUSSELS

Find general information about Brussels and travelling to and in Brussels.

Right in the heart of Europe, Brussels has superb air, road and rail connections. More than 60 million Europeans live within 300km of Brussels, less than two hours by high-speed train. For those who fly in, it takes only 20 minutes from the airport to the city centre. And when you have arrived, it’s easy to move around the compact city, by public transport or on foot.
1. GETTING TO BRUSSELS

Travel by Air
Brussels Airport is located just 12 kilometers northeast of the city centre. It uses only one terminal consisting of several levels where both domestic and international flights are handled. Arrivals are located at level 2 whereas departures are at level 3. At Brussels Airport there is a train station below the terminal connecting you directly to the Central Station in 30 minutes. At the Central Station you can find Metro lines 1 and 6, as well as major tram and bus lines. A second, smaller airport is located in the town of Charleroi, 46 kilometers from Brussels. At the Charleroi Airport mainly low-cost airlines operate and flights are mostly bound to European destinations. You can find more information about the Brussels Airport at brusselsairport.be, and about the Charleroi Airport at charleroi-airport.com.

Travel by Train
There are five main stations serving the Brussels-Capital Region, all interlinked. For all information concerning passenger transport in Belgium and abroad, please get in contact with: T +32 (0)2 528 28 28.

Main Stations:
- Central Station / Gare Centrale, Carrefour de l’Europe 2 – 1000 Brussels
- South Station, rue de France 2 – 1070 Brussels
  - For London: Eurostar
  - For Paris: Thalys
  - For France: TGV
- North Station, rue du Progrès 85 – 1210 Brussels for Amsterdam
- Luxembourg Station, place du Luxembourg – 1040 Brussels for Luxembourg
- Schuman Station, Rond-point Schuman – 1040 Brussels Serves European institutions

National traffic: 07:00 – 21:15
International traffic and reservations, Eurostar, TGV, Thalys
(Info: 08:00 – 20:00; WE: 09:00 – 17:30)

For more information, visit the website of the Belgian railroad SNCB/NMBS at belgianrail.be.

Costs for a single journey are 8,70 € for an adult standard ticket. Tickets and timetables are found at belgianrail.be.
Entry Requirements and Visas
EU citizen must either present a passport or a valid ID card for the duration of their stay in order to enter Belgium for tourist visits of up to three months. Citizens of other countries must have a valid passport and/or visa. You can find more information entry and visa requirements on the Belgium Foreign Affairs website at diplomatie.belgium.be/en/services.

2. ABOUT BRUSSELS & INFORMATION
Brussels is the capital of Belgium and lies in the Brussels-Capital Region, located between the major regions of Flanders and Wallonia. With over 180 nationalities and its historical significance throughout the centuries, Brussels has always been and still remains today a pillar for international politics and multiculturalism. Today the city of Brussels is considered the administrative capital of Europe as it is home to the EU Parliament, EU Commission and NATO.

Language
The two official languages in Brussels are Dutch and French, however English is very widely spoken and most public signs are in English.

Time Zone
Belgium follows Central European Time (CET) which is one hour ahead of Greenwich Mean Time (GMT).

Weather
Temperatures are relatively mild during the whole year. The average temperature in June is between 13-18 °C. Medium weight clothing is recommended plus rainwear.

Electricity
Like most other European countries, Belgium has 220-volt AC, 50Hz current and uses two-pin continental plugs.

3. GETTING AROUND IN BRUSSELS
Low Emission Zone Brussels
Please note, when entering the low emission zone (LEZ) without having your car registered you will be fined 350 Euros. The regulation affects cars, vans ≤ 3.5 tons, buses and coaches, whether registered in Belgium or abroad. All vehicles in categories M1, M2 or M3 or N1 are affected (excluding N1 vehicles with bodywork code BC, to which the kilometer charge applies). Further information can be found here: lez.brussels/en

Metro and Bus
Most public transport in the Brussels-Capital Region is organized by the STIB/SNCB. The network includes metro lines, which connect the eastern and western districts of the city. Pre-metro lines (trams in the tunnels) complete the metro service. A great
many metro lines also have above ground bus and tram connections. Timetables: 06:00 – 00:00 – consult the timetables shown at the stops.

**Buying your ticket:**
In the various metro stations and at the STIB information offices at many newsagents

**Fares:**
- single ticket JUMP: 2,10€ (purchased outside vehicle) / 2,50€ (purchased inside vehicle)
- 1 ticket STIB/SNCB: 4,20€
- card for 5 journeys JUMP: 8,00€ (+ MOBIB basic = 5€)
- card for 10 journeys JUMP: 14,00€ (+ MOBIB basic = 5€)
- 1-day card JUMP: 7,50€
- airport line – bus 12/21 – one way ticket: 4,50€ (1 journey purchased outside vehicle) / 6,00€ (1 journey purchased inside vehicle)
- airport line – bus 12/21 – 10 days: 32,00€
- airport line – train: one way ticket 8,60€ – return ticket 17,20€

The “1-day card” may be used on STIB vehicles as much as you like and whenever you wish during the same day.

**Car Rental**
You can find many well-known international car rental companies in Brussels. Rental cars can be found in the arrivals gate both at Brussels Airport and at the desks at Charleroi.

**Contacts:**
visit.brussels – BIP
rue Royale 2, 1000 Brussels
Tel. + 32 (0)2 513 89 40
e-mail: tourist@visit.brussels
Open: From Monday till Friday: 09:00 – 18:00
During the weekends and public holidays: 10:00 – 18:00
24.12. and 31.12.: 09:00 – 15:00

**4. USEFUL LINKS**
visit.brussels
tripadvisor.com/Brussels
brussels.info
lonelyplanet.com/Brussels

Source: visit.brussels/en/
SYMPOSIUM
NEW EVIDENCE FOR A DIFFERENT TONSILLECTOMY

July 1st, 2019,
13:15 – 14:15
Copper Hall

Lunch box provided

GUEST SPEAKER
Eng H. Ooi
MBBS, PhD, FRACS
Associate Professor,
Flinders University
Head of Otolaryngology
Head and Neck Surgery

DESIGNED FOR TONSILLECTOMIES

New from Valleylab™ energy, the BiZact™ tonsillectomy device

For more information, please visit medtronic.com/covidien/en-gb/index.html
© 2019 Medtronic. All rights reserved. 19-weu-orl-hns-bizact-symp-3164511
SERVICES FOR PARTICIPANTS –
GOOD TO KNOW

CATERING ONSITE

Coffee Breaks:
Coffee, tea and pastries/fruit will be served in the Exhibition Area (Level -2) at several coffee stations during official coffee break times.

Coffee stations are indicated with a symbol on the venue floor plans.

Lunch:
Simple lunch will be served in the Exhibition Area (Level -2) at several lunch stations during official lunch times on Sunday, Monday and Tuesday.

LEAD RETRIEVAL INFORMATION
Some exhibiting companies may use a lead retrieval system at their booths or throughout their sponsor sessions. If they do, they may ask your permission to scan the barcode on your name badge. When scanning the badge, they will receive the following personal information (which is similar to exchanging business cards!): First name, last name, academic title, organization, address and email (provided during the registration process). You may at any time refuse the scan if you do not wish your contact details to be passed on to the respective company.
ENGAGE WITH CEORL-HNS 2019

SELFIE CORNER

Show the world you’re here. Take a selfie alone or with your friends and let everyone know why missing CEORL-HNS in Brussels is not an option. The Selfie Corner is located next to the Society Village.

#HASHTAGPRINTER

Posting a photo on Instagram or Twitter is all good and well, but don’t you sometimes wish you could take your photos home with you as a good, old-fashioned Polaroid?

Now you can have the best of both worlds! Tag your photo with the hashtag #ceorlhns2019 and pick it up from our #hashtagprinter, located in the Photo Zone in the Exhibition Area. All photos tagged with #ceorlhns2019 on Twitter and public Instagram profiles will be printed automatically.

#ceorlhns2019
SPEAKER / CHAIRPERSON INFORMATION

OPENING HOURS SPEAKERS’ PREVIEW CENTRE
Saturday, June 29, 2019 14:00 – 20:00
Sunday, June 30, 2019 07:00 – 17:45
Monday, July 1, 2019 07:00 – 17:45
Tuesday, July 2, 2019 07:30 – 17:45
Wednesday, July 3, 2019 07:30 – 11:30

IF YOU ARE A CHAIRPERSON OR MODERATOR
1. Please locate your session room in due time. Please be at your session room at least 15 minutes prior to the start of the session.
2. We may remind you that speakers need to strictly observe the time schedule. Panels should not speak before they are recognized by the Chair and the Moderator.

IF YOU ARE A SPEAKER IN A SESSION
1. Please locate your session room in due time. Please be at your session room at least 15 minutes prior to the start of the session.
2. Speakers should deliver and view/check their PowerPoint presentations at the Speakers’ Preview Centre (Lounge Margritte) at least 3 hours prior to the start of the respective session.

For sessions starting at 08:00, the PowerPoint presentations should be delivered the previous day.

In order to avoid any delays, speakers are kindly requested to hand in their PowerPoint presentations on USB. If you bring your own laptop, the presentation will be transferred onsite in the Speakers’ Preview Centre.

Speakers are not permitted to take PowerPoint presentations directly to the technical assistant in the session rooms.

Rest assured that your files will be deleted from the congress server after your presentation.
IF YOU ARE PRESENTING AN E-POSTER
The E-Poster Area is located in the Exhibition Area (Level -2).

Each E-Poster will be displayed for the entire duration of the congress at the E-Poster Terminals.

As an E-Poster author, you can be present at your poster at anytime during the congress.

If you have any questions regarding your poster(s), please do not hesitate to contact the staff at the registration desk.
**THE VENUE**

**SQUARE BRUSSELS**
Mont des Arts
1000 Bruxelles, Belgium
Tel: +32 2 515 13 22
e-mail: info@square-brussels.com
www.square-brussels.com

How to reach the venue
SQUARE Brussels is within walking distance of the Central Station and only 17 minutes by train from Brussels International Airport.

From the airport
Brussels International Airport is a speedy 17 minutes by train from the Central Station, stopping at the European Institutions on the way. At peak times, 6 trains run every hour and from the Central Station, which is only three minutes walk to SQUARE.

Brussels Airport; Leopoldlaan, 1930 Zaventem

From the motorway
There are two public car parks with over 1700 parking spaces. Parking Albertine is the closest car park and is situated underneath SQUARE with direct access to the venue from the inside. Both car parks are accessible 24H and both have recharging facilities for electric cars. For direct access from the car park, please go to level -3 and follow the directions to SQUARE. This route provides direct elevator access. A short walk away is the Grand Place car park which is conveniently situated midway between SQUARE and the UNESCO world Heritage site of the Grand Place.

By public transport
The Central Station of Brussels is a short walk across the Mont-des-Arts public gardens. All main tram, bus, metro and train lines converge here, as well as the fast train from Brussels International Airport. Train routes to every part of Belgium run from the same station which includes the cities of Antwerp, Brugge, Charleroi, Gent, Mons and Liège.

From the Central Station
5 min walk to the venue
DESIGNATED AREAS & OPENING HOURS

SPEAKERS’ PREVIEW CENTRE
The Speakers’ Preview Centre is located in the Lounge Margritte, Level L (see signage onsite as well as floor plan). Staff, with all appropriate equipment, will be available to assist with reviewing presentations.

Speakers’ Preview Centre Opening Hours:
Saturday, June 29  14:00 – 20:00
Sunday, June 30  07:00 – 17:45
Monday, July 1  07:00 – 17:45
Tuesday, July 2  07:30 – 17:45
Wednesday, July 3  07:30 – 11:30

EXHIBITION
The Exhibition Area is situated on Level -2.

Exhibition Opening Hours:
Saturday, June 29  18:45 – 20:00
Sunday, June 30  08:30 – 17:15
Monday, July 1  08:30 – 17:15
Tuesday, July 2  08:30 – 17:15
Wednesday, July 3  08:30 – 11:00

E-POSTER AREA
The E-Poster Area is located in the Exhibition Area on Level -2. All posters are available for viewing on E-Poster Terminals. Technical assistance as well as multilingual staff will be in attendance to help you through your research.

CLOAKROOM
A cloakroom can be found close to the Registration Hall on Level -1. Luggage storage is available there as well.

Cloakroom Opening Times:
Saturday, June 29  14:00 – 20:30
Sunday, June 30  07:00 – 18:15
Monday, July 1  07:00 – 18:15
Tuesday, July 2  07:30 – 18:15
Wednesday, July 3  07:30 – 15:00

Poster Discussion Sessions of selected posters will take place in the Exhibition Area during the Coffee Breaks, from 10:30–11:00 & 16:30–17:00
FIRST AID
The first aid room is located on Level -1 and always open. In case of need, please contact the staff at the Registration Service counter.

FACULTY LOUNGE
The Faculty Lounge is located on Level 0 in the Margritte Office. It is reserved for invited faculty and press only.

Faculty Lounge Opening Times:
Saturday, June 29  14:00 – 20:00
Sunday, June 30  07:00 – 17:45
Monday, July 1    07:00 – 17:45
Tuesday, July 2   07:00 – 17:45
Wednesday, July 3 07:30 – 11:30

SILENT ROOM
The Silent Room is always open and located in Meeting Studio 207 at Level 2.
MEET THE CONFEDERATION & ITS NATIONAL AND SUBSPECIALTY SOCIETIES

CONFEDERATION SOCIETY VILLAGE
The Confederation National & Subspecialty Member Societies cordially invite all CEORL-HNS participants to visit them in the Confederation Society Village. It is located in the Exhibition Area on Level -2. Stop by and find out about their numerous activities!

- Subspecialty Societies booths for personal meet and greets and networking
- The National Societies area, an open space for networking
- The Society stage, including screens for short presentations

CONFIRMED SOCIETIES
UEMS – European Union of Medical Specialists ORL Section

Subspecialty Societies:
EASM European Academy of Sleep Medicine
EHNS European Head & Neck Society
ERS European Rhinologic Society
ESPO European Society of Pediatric ORL
ESSD European Society for Swallowing Disorders
UEP-EAP Union of the European Phoniatricians

National Societies:
Belarus
Bulgaria
Czech Republic
Estonia
France
Hungary
Italy
Netherlands
North Macedonia
Russia
Serbia
Slovakia
Turkey
Ukraine
NETWORKING PROGRAM

OPENING CEREMONY & WELCOME RECEPTION

Saturday, June 29, 2019 from 18:00 – 20:00
Bozar – Auditorium Henri Le Boeuf, SQUARE Brussels
Price: included in the registration fee

Celebrate the grand opening of the congress and exhibition with us. The festivities will start at the Bozar – Auditorium Henri Le Boeuf with a brief address and live music, after which you will be invited to join the Congress President Marc Remacle in the Exhibition Area of SQUARE Brussels for some drinks and light snacks. This Reception is included in your registration fee, so use this chance to catch up with old friends, make some new ones and get into the mood for the educational and insightful congress days ahead of you.

OFFICIAL CONGRESS EVENING
(at own expense)

Monday, July 1, 2019 from 20:00
Comic Strip Museum, Brussels
Price: € 100,00

Brussels is not just the capital of Europe, but also the European capital of comics. Belgium is home to more comic strip artist per square meter than any other country in the world. The Comic Strip Museum in Brussels, an impressive Art Nouveau building, houses one of the most extensive collections of European comic strips and will be the venue for our Official Congress Evening. You will have the opportunity to savor different types of cuisine, from Belgian brasserie-style delicacies to international classics and even street food. Dinner is served at different stations in the museum, which allows you to take in the artworks as you network with your colleagues over a glass or two of exquisite wine or famous Belgian beer.

Address:
Belgian Center for Comic Strip Art
Rue des Sables 20
1000 Brussels
URL: www.comicscenter.net/en/home
Discover our **Integra MicroFrance**

**Morinière Mouth Gag**

for **Trans Oral Robotic Surgery**

on Integra booth **#16a**
CEORL-HNS IS SUPPORTED BY

GOLD SPONSOR

Medtronic

stryker

SILVER SPONSOR

OLYMPUS

BRONZE SPONSOR

STORZ

ZEISS

FRIENDS OF ORL-HNS

Ambu

FAHL

ARRI Medical

Atmos

Atos

BRAINLAB

Codman

Collin

Kurz

Spiggle & Theis

XION medical

OTHER CONTRIBUTORS

ENT & audiology

news
EXHIBITION

The Confederation wishes to express its gratitude to all exhibitors for participating in the 5th Congress of European ORL-Head & Neck Surgery.

Participants are invited to visit the Commercial Exhibition in the Exhibition Area of the Congress Venue.

EXHIBITION OPENING HOURS

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, June 29</td>
<td>18:45 – 20:00</td>
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<tr>
<td>Sunday, June 30</td>
<td>08:30 – 17:15</td>
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<tr>
<td>Monday, July 1</td>
<td>08:30 – 17:15</td>
</tr>
<tr>
<td>Tuesday, July 2</td>
<td>08:30 – 17:15</td>
</tr>
<tr>
<td>Wednesday, July 3</td>
<td>08:30 – 11:00</td>
</tr>
</tbody>
</table>
# EXHIBITOR LIST

**CEORL-HNS 2019** - List of appointed booth locations  
*alphabetical as per printing date*

<table>
<thead>
<tr>
<th>Booth number</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7a</td>
<td>A.R.C. Laser GmbH</td>
</tr>
<tr>
<td>15c</td>
<td>Ambu A/S</td>
</tr>
<tr>
<td>9b</td>
<td>ARRI Medical</td>
</tr>
<tr>
<td>7b</td>
<td>ATMOS MedizinTechnik</td>
</tr>
<tr>
<td>13c</td>
<td>Atos Medical</td>
</tr>
<tr>
<td>15a</td>
<td>AUXIN SURGERY</td>
</tr>
<tr>
<td>11a</td>
<td>Bien-Air Surgery SA</td>
</tr>
<tr>
<td>2c</td>
<td>BONSS MEDICAL</td>
</tr>
<tr>
<td>8a</td>
<td>Boston Medical Products, Inc.</td>
</tr>
<tr>
<td>1a</td>
<td>Brainlab</td>
</tr>
<tr>
<td>16a</td>
<td>Codman MicroFrance</td>
</tr>
<tr>
<td>7c</td>
<td>Collège Marocain des Enseignants Chercheurs en ORL-CCF (CEMORL)</td>
</tr>
<tr>
<td>13b</td>
<td>COLLIN</td>
</tr>
<tr>
<td>6b</td>
<td>DAIICHI MEDICAL CO., LTD.</td>
</tr>
<tr>
<td>12d</td>
<td>Dr-Kim Co.</td>
</tr>
<tr>
<td>5c</td>
<td>ENT and Audiology News</td>
</tr>
<tr>
<td>7d</td>
<td>Entermed BV</td>
</tr>
<tr>
<td>9a</td>
<td>FAHL Medizintechnik-Vertrieb GmbH</td>
</tr>
<tr>
<td>11b</td>
<td>Fiagon GmbH</td>
</tr>
<tr>
<td>16b</td>
<td>Grace Medical, Inc</td>
</tr>
<tr>
<td>5b</td>
<td>Happersberger otopront GmbH</td>
</tr>
<tr>
<td>17</td>
<td>HEINEMANN MEDIZINTECHNIK GMBH</td>
</tr>
<tr>
<td>7e</td>
<td>IFOS 2021 Vancouver</td>
</tr>
<tr>
<td>16c</td>
<td>INNOFORCE</td>
</tr>
<tr>
<td>8b</td>
<td>Institut G. Portmann</td>
</tr>
<tr>
<td>4a</td>
<td>KARL STORZ SE &amp; Co. KG</td>
</tr>
<tr>
<td>8c</td>
<td>KURZ - Heinz Kurz GmbH</td>
</tr>
<tr>
<td>15b</td>
<td>Lumenis (Germany) GmbH</td>
</tr>
<tr>
<td>1c</td>
<td>MED-EL</td>
</tr>
<tr>
<td>12a</td>
<td>Medimaging Integrated Solution, Inc.</td>
</tr>
<tr>
<td>1d</td>
<td>Mediplast AB</td>
</tr>
<tr>
<td>13a</td>
<td>Medtronic</td>
</tr>
<tr>
<td>1e</td>
<td>NSE</td>
</tr>
<tr>
<td>10</td>
<td>OLYMPUS EUROPA SE &amp; CO. KG</td>
</tr>
<tr>
<td>2b</td>
<td>Optim LLC</td>
</tr>
<tr>
<td>12c</td>
<td>POLYDIAGNOST</td>
</tr>
<tr>
<td>12b</td>
<td>Prescott's Inc.</td>
</tr>
<tr>
<td>1f</td>
<td>Seven Dreamers Laboratories</td>
</tr>
<tr>
<td>6c</td>
<td>Smith &amp; Nephew</td>
</tr>
<tr>
<td>4b</td>
<td>SPIGGLE&amp;THEIS Medizintechnik GmbH</td>
</tr>
<tr>
<td>14</td>
<td>Stryker</td>
</tr>
<tr>
<td>1b</td>
<td>Sutter Medizintechnik GmbH / FENTEX medical GmbH</td>
</tr>
<tr>
<td>6a</td>
<td>Tristel</td>
</tr>
<tr>
<td>6d</td>
<td>Turkish Archives of Otorhinolaryngology</td>
</tr>
<tr>
<td>2a</td>
<td>Wisepress Medical Bookshop</td>
</tr>
<tr>
<td>5a</td>
<td>XION GmbH</td>
</tr>
<tr>
<td>3</td>
<td>ZEISS</td>
</tr>
</tbody>
</table>
CEORL-HNS 2019 - List of appointed booth locations
numerical as per printing date

<table>
<thead>
<tr>
<th>Booth number</th>
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