Royal Belgian Society of Oto-Rhino-Laryngology, Head and Neck Surgery

Virtual Event
20 & 21 November 2020

ENT in the digital age and Covid times

President: Thomas Somers
Dear Colleagues,
Dear Friends,

We hope you do fine and remain corona-free.

This pandemic has put our lives and clinical practices under substantial stress. It also has profoundly disturbed the agenda of the Royal Belgian Society of Oto-Rhino-Laryngology, Head and Neck Surgery (B-ORL). Both the 'Spring' and 'Annual' congress had to be cancelled; because both meetings coincided with the peak moments of the two Covid-19 waves. We all prefer real 'live' congresses where colleagues can meet, present their work, discuss their research or their clinical experience and exchange ideas. Under the present 'unfortunate evolutionary pressure', caused by the pandemic, we have been forced to adapt and convert the format of a live congress to a 'virtual' meeting, not the least in order to guarantee our mission statement of continuous education.

Please find here below the program of the first on-line congress of B-ORL. The goal is that young colleagues can present their work and that these presentations will alternate with keynote lectures by more experienced colleagues. Two well-balanced sessions have been organized: one on Friday afternoon 20 November and one on Saturday morning 21 November. The meeting has been organized in close collaboration with B-Audio; they have two sessions on Friday (20/11) (morning and afternoon) that can be followed as well by our members. More information on the B-Audio Friday afternoon sessions can be found at www.B-Audio.eu.

No subscription fee will be required to attend the meeting: our treasurer and sponsors generously offer the access to this new educational platform developed in collaboration with the congress organizer Semico.

Please register for our virtual event via the website www.ORL-NKO.be. You then will receive a unique link (log-in) to attend each of the sessions.

We hope you will find this new format practical, useful and above all instructive.

Hopefully we will return to a more normal life in the coming months and be allowed to meet again in real congresses next year.

Take care and stay healthy,

Sincerely yours,

Thomas Somers
President of B-ORL 2020
This virtual event is only accessible to members of B-ORL, B-AUDIO and NVA. Registration is offered by the societies.

**B-ORL members** must register on-line for the event at: [www.orl-nko.be](http://www.orl-nko.be)

After registration you will receive a direct and unique link for each of the event session blocks (Friday morning 20 November, Friday afternoon 20 November and Saturday morning 21 November) you're registered for, from the email address: 'customercare@gotowebinar.com'. May we ask you to check your junk / spam mailbox?

*Please note: the link is personnel and should not be shared as this could interfere with your accreditation.*

**B-AUDIO & NVA members** must preregister at: [www.B-Audio.eu](http://www.B-Audio.eu)

An invitation to complete the registration will be send. You then will receive a direct and unique link for each of the event session blocks (Friday morning 20 November, Friday afternoon 20 November and Saturday morning 21 November) you're registered for, from the email address: 'customercare@gotowebinar.com'. May we ask you to check your junk / spam mailbox?

**Information for presenters**

You will get the 'virtual" stage. Virtual presentation requires a slightly different approach than a live presentation.

To familiarize you with the virtual platform (GoToWebinar), we will organize a number of test sessions. An invitation to attend these test sessions will be sent.

Important! The conditions of the test session should be the same as on the day of your presentation, meaning you are at the same location (room) and use the same laptop/computer and internet connection as on 20 or 21 November.

**We would like to draw your attention to the following points:**

- Slides of your presentation must be in 16:9 format and in English.
- Your computer / laptop must have a camera and microphone.

- The allocated time of presentation should be strictly respected! Please take into account that the presentation time includes 2-minutes discussion.
08:25  Introduction
       Jan Wouters, President B-Audio

08:30-10:10  Oral Contributions I: Clinical Audiology

Chair:  Leen Maes

08:30  Principal component analysis of wideband tympanometry results in the diagnosis of otitis media with effusion
       V. Gille, M. Leblans, A. Zarowski, Antwerpen

08:42  The need for a deep phenotype of hearing loss to guide inner ear therapy: the relation of understanding speech-in-noise and the underlying site-of-lesion
       C. Lanting, J.Leijendeckers, A. Bosman, A. Snik, R. Pennings, Nijmegen

08:54  Hearing diagnostics – The variability in potential biomarkers for cochlear synaptopathy after recreational noise exposure
       T. Vande Maele, H. Keppler, I. Dhooge, S. Verhulst, Gent

09:06  A longitudinal study of hearing acuity in a large population based cohort of children and adolescents
       D. Paping, J. Vroegop, C. le Clercq, A. Goedegebure, B. de Jong, M. van der Schroeff, Rotterdam

09:18  The digit triplet test as a self-test for hearing screening at the age of school-entry
       S. Denys, J. Wouters, A.van Wieringen, Leuven

09:30  Computational audiology: new ways to address the global burden of hearing loss

09:42  Vestibular function in adults with intellectual disabilities: feasibility and outcome of a vestibular screening protocol in Special Olympics athletes

09:54  Understanding auditory categorisations with oddball fast periodic stimulation and electroencephalography
       F. Barbero, O. Collignon et al, Louvain-la-Neuve

10:10 - 10:30 Break
Overview of all Posters
10:30-11:54  Oral Contributions II: Hearing Instruments and Intervention

Chair: Martin Stollman

10:30  Auditory intervention improves basic auditory processing in children at cognitive risk for dyslexia

10:42  A system for objective measurement of speech understanding
B. Somers, T. van Hirtum, T. Francart, Leuven

10:54  Determinants for successful hearing-aid fitting
S. Lansbergen, A. Goedegebure, W. Dreschler, G. D. Amsterdam, Rotterdam

11:06  Changes in vestibular function following pediatric cochlear implantation: a prospective study

11:18  Objective measures of pitch and rate processing in cochlear implant users
R. Gransier, F. Guérit, R.P. Carlyon, J. Wouters, Leuven

11:30  The perception of voice gender cues in children with cochlear implants
L. Nagels, E. Gaudrain, D. Vickers, P. Hendriks, D. Başkent, Groningen

11:42  Simultaneous bilateral cochlear implantation in children with bilateral deafness: the Ghent experience
F. Swinnen, C. Dhondt, I. Dhooge, Gent

11:54 - 12:20  Break
Overview of all Posters

12:20 - 12:56  Oral Contributions III: Tinnitus

Chair: Martijn Toll

12:20  Auditory development, plasticity and tinnitus
P. van Dijk, E. Koops, P. Luchjenbroers, R. Free, Groningen

12:32  A multidisciplinary tinnitus treatment program for chronic tinnitus patients in UZ Leuven
K. Stroobants, V. Stevens, S. Denys, A. Willaert, N. Verhaert, Leuven

12:44  Late auditory evoked potentials in chronic subjective tinnitus patients: a systematic review and meta-analysis

12:56 - 14:00  Break

14:00-16:00  Poster discussions. More information at www.B-audio.eu
**13:55  Introduction**
Thomas Somers, President B-ORL 2020

**Moderators : Frans Indesteege and Valerie Hox**

**Oral Contributions**

**14:00  Perioperative antibiotics in clean-contaminated head and neck surgery: a systematic review**
S. Uyttebroek, J. Meulemans, P. Delaere, V. Vander Poorten
*Otorhinolaryngology - Head and Neck Surgery and Department of Oncology, University Hospitals Leuven, Leuven, Belgium*

**14:10  Epiglottic collapse during drug-induced sleep endoscopy is associated with negative effort dependence**
E. Van de Perck¹², S. Op de Beeck¹², S.A. Sands³, D. Vena³, E. Kazemeini¹, M. Willemen¹, J. A. Verbraecken¹, A. Wellman³, O. M. Vanderveken¹²
¹Faculty of Medicine and Health Sciences, University of Antwerp, Wilrijk, Belgium; ²Department of Otorhinolaryngology – Head and Neck Surgery, Antwerp University Hospital, Antwerp, Belgium; ³Division of Sleep and Circadian Disorders, Brigham and Women’s Hospital and Harvard Medical School, Boston, USA; ⁴Multidisciplinary Sleep Disorders Centre, Antwerp University Hospital, Edegem, Belgium

**14:20  Tonsillar obstructive hypertrophy and recurrent tonsillitis in children: what is the role played by the tonsillar carriage of Streptococcus pyogenes?**
A. Vandevoorde¹², D. Lakhloufi², G. Botquin³, V. Delforge², A-L. Mansbach¹, A. Botteaux², P. Smeesters²³
¹University Children’s Hospital Queen Fabiola, ENT Department, Brussels, Belgium; ²Free University of Brussels, Molecular Bacteriology Laboratory, Brussels, Belgium; ³University Children’s Hospital Queen Fabiola, Department of Pediatrics, Brussels, Belgium

**Keynote lecture**

**14:30  New trends in the treatment of laryngeal cancer**
C. Van Laer
*Department of Otorhinolaryngology – Head and Neck Surgery, Antwerp University Hospital, Edegem, Belgium*
Oral Contributions

14:45  First case of ethmoidal metastasis from an HPV- induced oropharyngeal squamous cell carcinoma  
Y. Steffens¹, Q. Mat¹, J.P. Duterme¹, V. Beatse¹, N. Meert²  
¹Otorhinolaryngologie department, ²Radiotherapy department, Marie Curie civil hospital CHU Charleroi - Charleroi, Belgium

14:55  Adenoid cystic carcinoma of the parotid: an uncommon mode of presentation  
C. Sapa Vadjeru¹, F. Lemaire¹, P. Levy¹, V. Vander Poorten², R. Hermans³, N. Verhaert²  
¹Department of Otorhinolaryngology and Head & Neck Surgery, St. Anne St. Remi Hospital, CHIREC, Brussels, Belgium; ²Department of Otorhinolaryngology and Head & Neck Surgery, University Hospitals Leuven, Leuven, Belgium; ³Department of Radiology, University Hospitals Leuven, Leuven, Belgium

Keynote lecture  
15:05  Salivary gland cancer: state of the art and recent progress  
V. Vander Poorten  
Otorhinolaryngology - Head and Neck Surgery and Department of Oncology, University Hospitals Leuven, Leuven, Belgium

Oral Contributions

15:20  Case report: pharyngeal recess cyst causing temporal abscess  
K. Geerinck¹, S. Fonteyn², Y. Frederickx², J.P. Van Damme¹  
¹HNS and ENT Department, CHU Dinant – Godinne, UCL Namur, Yvoir, Belgium; ²HNS and ENT Department, Hôpital de Jolimont, La Louvière, Belgium

15:30  A rare case of sternoclavicular septic arthritis associated to a pharyngo-cutaneous fistula after total laryngectomy  
S. Hassid, F. Jamme, G. Lawson, M. Servaes, B. Rondelet, A. Radu, V. Bachy, G. Delahaut, S. Van der Vorst  
CHU UCL Namur, site Godinne, Yvoir, Belgium

15:40 - 15:50 Break

Keynote lecture  
15:50  Frontal sinus surgery  
Ph. Eloy  
ENT Department, UCL University Hospital Namur, Belgium
Oral Contributions

16:05 Dutch translation and linguistic validation of the FACE-Q Rhinoplasty module
L. Pingnet¹, V. Verkest¹, E. Fransen², F. Declau¹,³
¹Faculty of Medicine and Health Sciences, University of Antwerp, Antwerp, Belgium;
²StatUsa, Center of Statistics, University of Antwerp, Antwerp, Belgium; ³ENT Department, GZA-ziekenhuizen, Campus Sint-Vincentius, Antwerp, Belgium

16:15 Nasal hyperreactivity in chronic upper airway inflammation and its impact on disease control and general wellbeing
W. Backaert¹,², B. Steelant¹, P. Hellings³,², L. Van Gerven¹,²
¹KULeuven Department of Microbiology, Immunology and transplantation, Allergy and Clinical Immunology Research Group, Leuven, Belgium; ²Clinical division of Otorhinolaryngology, Head & Neck Surgery, University Hospitals Leuven, Leuven, Belgium

Keynote lecture
16:25 Endoscopic closure of septal perforations
L. Van Gerven
KULeuven Department of Microbiology, Immunology and transplantation, Allergy and Clinical Immunology Research Group, Leuven, Belgium; Clinical division of Otorhinolaryngology, Head & Neck Surgery, University Hospitals Leuven, Leuven, Belgium

Oral Contributions

16:40 Is baseline SNOT-22 able to predict outcome and localize pathology? A prospective multicentre study
L. Pottier¹, C. de Dorlodot², E. Ansari¹, F. Rogister¹, M. Horoi³, N. Dardenne⁴, AF. Donneau¹,², P. Eloy², PP. Lefebvre¹, AL. Poirrier¹
¹ENT Department, ULG University Hospital of Liege, Belgium; ²ENT Department, UCL University Hospital Namur, Belgium; ³ENT Department, ULB Saint-Pierre University Hospital, Belgium; ⁴Department of Public Health, Biostatistics, University of Liege, Belgium

16:50 SMARCB1-deficient sinonasal carcinoma presenting as unexplained deformation of the nostril
E. Verhelst¹,², N. Van Ardenne², F. Declau¹,², S. Van Roy³, O. Lenssen³
¹Faculty of Medicine and Health Sciences, University of Antwerp, Antwerp, Belgium; ²ENT Department, GZA-ziekenhuizen, Campus Sint-Vincentius, Antwerp, Belgium; ³OMS Department, ZNA-ziekenhuizen, Campus Middelheim, Antwerp, Belgium

Keynote lecture
17:00 Anosmia in Covid times
Ph. Rombaux
Department of Otorhinolaryngology, Cliniques Universitaires Saint Luc, Université Catholique de Louvain, Brussels, Belgium

17:15 Session end. See you tomorrow!
# B-ORL Programme in Detail

**Saturday 21 November**

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**Moderators:** Nicolas Verhaert and Jean-Philippe Van Damme

## Keynote lecture

### 09:00  Office-based procedures in laryngology
- **M. Verguts**
  
  *Department of ENT-HNS, European Institute for Otorhinolaryngology-Head and Skull Base Surgery Unit, Sint Augustinus Hospital, Antwerp, Belgium*

## Oral Contribution

### 09:15  Chondrolaryngoplasty for transgender patients: feasibility of a scar-free approach
- **M. Verhasselt**, G. Cavelier, M. Horoi, D. Dequanter, A. Rodriguez
  
  *Centre Hospitalier Universitaire Saint-Pierre, ENT and Head and Neck Surgery Department, Brussels, Belgium*

## Keynote lecture

### 09:25  Robots in otology
- **V. Topsakal¹**, Ph. Lefebvre²
  
  ¹Department of Otolaryngology - Head and Neck Surgery, University Hospital Brussels, Vrije Universiteit Brussel, Jette, Belgium; ²ENT Department, ULG University Hospital of Liège, Liège, Belgium

## Oral Contributions

### 09:40  Radiological evaluation of inner ear trauma after cochlear implantation and outcome in residual hearing
- **N. Peigneux¹**, U. Duran¹, P. Lefebvre¹, S. Barriot¹
  
  ¹Department of Otorhinolaryngology, ²Department of Radiology, University Hospital of Liège, Liège, Belgium

### 09:50  Comparison of caloric and video-head impulse tests in Meniere’s disease
- **M. Damien**
  
  *CHU Saint-Pierre, ULB, Bruxelles, Belgium*
10:00  Relationship between the three-dimensional video head impulse test and MR/CT imaging in DFNA9 patients
M. Salah\textsuperscript{1,2}, T. Cox\textsuperscript{1}, C. Cox\textsuperscript{1}, J. Moyaert\textsuperscript{3}, O. Vanderveken\textsuperscript{2,3}, S. Schepers\textsuperscript{4}, B. Termote\textsuperscript{4}, V. Van Rompaey\textsuperscript{2,3}, S. Janssens de Varebeke\textsuperscript{1,2}
\textsuperscript{1}Department Otorhinolaryngology & Head and Neck Surgery, Jessa Hospital, Hasselt, Belgium; \textsuperscript{2}Faculty of Medicine and Health Sciences, University of Antwerp, Antwerp, Belgium; \textsuperscript{3}Dept. Otorhinolaryngology & Head and Neck Surgery, Antwerp University Hospital, Antwerp, Belgium; \textsuperscript{4}Department of Radiology, Jessa Hospital, Hasselt, Belgium

Keynote lecture
10:10  Endoscopy in difficult cases in otology
M.-P. Thill
Department of Otorhinolaryngology and Head and Neck Surgery, CHU Saint-Pierre, Université Libre de Bruxelles, Brussels, Belgium

Oral Contributions

10:25  The dizzy patient on the road: assessing driving performance in bilateral vestibulopathy patients
M.-H. Uwents\textsuperscript{1}, S. Janssens de Varebeke\textsuperscript{2,3}, O. Vanderveken\textsuperscript{1,3}, B. Dobbels\textsuperscript{1,3}, J. Moyaert\textsuperscript{1}, V. Ross\textsuperscript{4}, T. Brijs\textsuperscript{4}, V. Van Rompaey\textsuperscript{1,3}
\textsuperscript{1}Dept. Otorhinolaryngology & Head and Neck Surgery, Antwerp University Hospital, Belgium; \textsuperscript{2}Dept. Otorhinolaryngology & Head and Neck Surgery, Jessa Hospital, Hasselt, Belgium; \textsuperscript{3}Faculty of Medicine and Health Sciences, University of Antwerp, Belgium; \textsuperscript{4}UHasselt, School of Transportation Sciences, Transportation Research Institute (IMOB), Hasselt, Belgium

10:35  Unilateral hearing loss in children: acceptance of hearing aids
K. Alami\textsuperscript{1}, K. De Vlieger\textsuperscript{2}, A. Favoreel\textsuperscript{2}, E. Heuninck\textsuperscript{2}, J. Keyen\textsuperscript{2}, I. Pauwels\textsuperscript{2}, A. Vandevoorde\textsuperscript{1}, T. Marquet\textsuperscript{1}, A-L. Mansbach\textsuperscript{1}
\textsuperscript{1}ENT Department, \textsuperscript{2}Audiology Department, University Children’s Hospital Queen Fabiola, Brussels, Belgium

10:45  Evaluation of the transmastoid plugging approach for superior semicircular canal dehiscences: a retrospective series of 28 ears
G. Gersdorff\textsuperscript{1}, C. Blaivie\textsuperscript{2}, R. Van Spauwen\textsuperscript{3}, Th. Somers\textsuperscript{1,2}
\textsuperscript{1}Department of Oto-Rhino-Laryngology, Head & Neck Surgery, St Luc University Hospital, Brussels, Belgium; \textsuperscript{2}Department of ENT-HNS, European Institute for Otorhinolaryngology-Head and Skull Base Surgery Unit, Sint Augustinus Hospital, Antwerp, Belgium

10:55 - 11:05  Break
Keynote lecture
11:05  Soft surgery during cochlear implantation: the way to function preservation
I. Dhooge
*Department of Otorhinolaryngology, Ghent University Hospital, Ghent, Belgium*

Oral Contributions

11:20  Recurrence of cholesteatoma after tympanoplasty with an endoscopic control
C. Sapa Vadjeru, P. Levie
*Department of Otorhinolaryngology and Head & Neck Surgery, St. Anne St. Remi Hospital, CHIREC, Brussels, Belgium*

11:30  Bilateral petrified auricles in a patient with panhypopituitarism: case report and overview of literature
AS. De Paepe¹, S. Geukens²
¹Department of Head & Neck Surgery, UZ Gent, Gent, Belgium; ²Department of ENT, OLV Aalst, Aalst, Belgium

Keynote lecture
11:40  Total auricular reconstruction for microtia
Th. Somers
*Department of Oto-Rhino-Laryngology, Head & Neck Surgery, St Luc University Hospital, Brussels, Belgium and Department of ENT-HNS, European Institute for Otorhinolaryngology-Head and Skull Base Surgery Unit, Sint Augustinus Hospital, Antwerp, Belgium*

Oral Contributions

11:55  Otalgia and hearing loss as fist presenting symptoms of Wegener’s granulomatosis: 2 cases
E. Gréant, T. Cox, K. Ketelslagers, C. Cox, T. Crins, K. Deben, S. Janssens de Varebeke
*Department of Otorhinolaryngology & Head and Neck surgery, Jessa Hospital, Hasselt, Belgium*

12:05  Random forest classification to predict response to high-definition transcranial direct current stimulation therapy for tinnitus
E. Cardon¹,², L. Jacquemin¹,², G. Mertens¹,², P. Van de Heyning¹,², O.M. Vanderveken¹,², V. Topsakal¹,², V. Van Romaep¹,², A. Gilles¹,²,³
¹Department of Translational Neurosciences, Faculty of Medicine and Health Sciences, Campus Drie Eiken, Antwerp University, Antwerp, Belgium; ²Department of Otorhinolaryngology – Head and Neck Surgery, Antwerp University Hospital, Edegem, Belgium; ³Department of Education, Health and Social Work, University College Ghent, Ghent, Belgium

12:15  An uncommon case of unilateral progressive sensorineural hearing loss with subsequent recuperation
M. Claerhout¹,², G. Forton¹
¹Department of Otorhinolaryngology, AZ Delta, Roeselare, Belgium; ²Department of Otorhinolaryngology, University Hospital of Leuven, Belgium

12:25  Conclusions and closing of the meeting
Thomas Somers, President B-ORL 2020