

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

Registration Information

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

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:

'customer@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

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 : 'customer@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.**

Programme

Friday 20 November

Session 1

B-Audio	
08:25	Introduction
08:30	Oral Contributions I: Clinical Audiology
10:10	Break Overview of all Posters
10:30	Oral Contributions II: Hearing Instruments and Intervention
11:54	Break Overview of all Posters
12:20	Oral Contributions III: Tinnitus
12:56	Break
14:00	Poster Discussion Parallel Q&A Sessions: see www.B-Audio.eu
14:00	
16:00	

Session 2

B-ORL	
13:55	Introduction
14:00	Oral Contributions
14:30	Keynote C. Van Laer
14:45	Oral Contributions
15:05	Keynote V. Vander Poorten
15:20	Oral Contributions
15:40	Break
15:50	Keynote Ph. Eloy
16:05	Oral Contributions
16:25	Keynote L. Van Gerven
16:40	Oral Contributions
17:00	Keynote Ph. Rombaux
17:15	Session End

Saturday 21 November

Session 3

B-ORL	
08:55	Introduction
09:00	Keynote M. Verguts
09:15	Oral Contribution
09:25	Keynote V. Topsakal, Ph. Lefebvre
09:40	Oral Contributions
10:10	Keynote M.-P. Thill
10:25	Oral Contributions
10:55	Break
11:05	Keynote I. Dhooge
11:20	Oral Contributions
11:40	Keynote T. Somers
11:15	Oral Contributions
12:25	Conclusions and Closing



B-AUDIO & NVA
Audiology in its broadest sense
Friday 20 November
08h00 -12h56

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

J.-W. Wasmann, C. Lanting, W. Huinck, E. Mylanus, J. van der Laak, P. Govaerts, D.W. Swanepoel, D. Moore, D. Barbour, *Nijmegen*

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

L. Leyssens, R. Van Hecke, K. Moons, S. Luypaert, M. Willems, M. Danneels, S. Martens, C. Dhondt, L. Maes, *Gent*

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**
S. Van Herck, M. Economou, F. Vanden Bempt, T. Glatz, J. Vanderauwera, P. Ghesquière, M. Vandermosten, J. Wouters, *Leuven*
- 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**
C. Dhondt, L. Maes, S. Vanaudenaerde, S. Martens, L. Rombaut, H. Van Hoecke, E. De Leenheer, I. Dhooge, *Gent*
- 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**
E. Cardon, I. Joossen, H. Vermeersch, L. Jacquemin, G. Mertens, V. Topsakal, O.M. Vanderveken, P. Van de Heyning, V. Van Rompaey, A. Gilles, *Antwerpen*

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 Perck^{1,2}, S. Op de Beeck^{1,2,4}, S.A. Sands³, D. Vena³, E. Kazemeini^{1,2}, M. Willemen⁴, J. A. Verbraecken^{1,4,5}, A. Wellman³, O. M. Vanderveken^{1,2,4}
¹*Faculty of Medicine and Health Sciences, University of Antwerp, Wilrijk, Belgium;*
²*Department of Otorhinolaryngology – Head and Neck Surgery, Antwerp University Hospital, Antwerp, Belgium;* ³*Division of Sleep and Circadian Disorders, Brigham and Women’s Hospital and Harvard Medical School, Boston, USA;* ⁴*Multidisciplinary Sleep Disorders Centre, Antwerp University Hospital, Edegem, Belgium;* ⁵*Department of Pulmonary Medicine, 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. Vandevoorde^{1,2}, D. Lakhloufi², G. Botquin², V. Delforge², A-L. Mansbach¹, A. Botteaux², P. Smeesters^{2,3}
¹*University Children’s Hospital Queen Fabiola, ENT Department, Brussels, Belgium;*
²*Free University of Brussels, Molecular Bacteriology Laboratory, Brussels, Belgium;*
³*University 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. Levie¹, 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. Declau^{1,3}

¹Faculty of Medicine and Health Sciences, University of Antwerp, Antwerp, Belgium;

²StatUa, 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. Backaert^{1,2}, B. Steelant¹, P. Hellings^{1,2}, L. Van Gerven^{1,2}

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. Donneau⁴, 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. Verhelst^{1,2}, N. Van Ardenne², F. Declau^{1,2}, 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
8h55 -12h30

08:55 Introduction

Thomas Somers, President B-ORL 2020

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. Duran², P. Lefebvre¹, S. Barriat¹

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^{1,2}, T. Cox¹, C. Cox¹, J. Moyaert³, O. Vanderveken^{2,3}, S. Schepers⁴, B. Termote⁴, V. Van Rompaey^{2,3}, S. Janssens de Varebeke^{1,2}

¹Department Otorhinolaryngology & Head and Neck Surgery, Jessa Hospital, Hasselt, Belgium; ²Faculty of Medicine and Health Sciences, University of Antwerp, Antwerp, Belgium; ³Dept. Otorhinolaryngology & Head and Neck Surgery, Antwerp University Hospital, Antwerp, Belgium; ⁴Department 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. Uwents¹, S. Janssens de Varebeke^{2,3}, O. Vanderveken^{1,3}, B. Dobbels^{1,3}, J. Moyaert¹, V. Ross⁴, T. Brijs⁴, V. Van Rompaey^{1,3}

¹Dept. Otorhinolaryngology & Head and Neck Surgery, Antwerp University Hospital, Belgium; ²Dept. Otorhinolaryngology & Head and Neck Surgery, Jessa Hospital, Hasselt, Belgium; ³Faculty of Medicine and Health Sciences, University of Antwerp, Belgium; ⁴UHasselt, School of Transportation Sciences, Transportation Research Institute (IMOB), Hasselt, Belgium

10:35 Unilateral hearing loss in children: acceptance of hearing aids

K. Alami¹, K. De Vlieger², A. Favoreel², E. Heuninck², J. Keyen², I. Pauwels², A. Vandevoorde¹, T. Marquet¹, A-L. Mansbach¹

¹ENT Department, 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. Gersdorff¹, C. Blaivie², R. Van Spauwen², Th. Somers^{1,2}

¹Department of Oto-Rhino-Laryngology, Head & Neck Surgery, St Luc University Hospital, Brussels, Belgium; ²Department 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 Otorhinology, 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 Otorhinology 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 Otorhinology-Head and Skull Base Surgery Unit, Sint Augustinus Hospital, Antwerp, Belgium

Oral Contributions

11:55 Otolgia 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 Otorhinology & 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. Cardon^{1,2}, L. Jacquemin^{1,2}, G. Mertens^{1,2}, P. Van de Heyning^{1,2}, O.M. Vanderveken^{1,2}, V. Topsakal^{1,2}, V. Van Rompaey^{1,2}, A. Gilles^{1,2,3}

¹Department of Translational Neurosciences, Faculty of Medicine and Health Sciences, Campus Drie Eiken, Antwerp University, Antwerp, Belgium; ²Department of Otorhinology – 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. Claerhout^{1,2}, G. Forton¹

¹Department of Otorhinology, AZ Delta, Roeselare, Belgium; ²Department of Otorhinology, University Hospital of Leuven, Belgium

12:25 Conclusions and closing of the meeting

Thomas Somers, President B-ORL 2020

