Better Hearing Rehabilitation (BEAR) Study in Denmark

Introducing the Centralized Clinical Database

Loquet, Gérard Sylvian Jean Marie; Narne, Vijay; Piechowiak, Tobias; Wolff, Anne; Houmøller, Sabina Storbjerg; Hougaard, Dan Dupont; Schmidt, Jesper Hvass; Hammershøi, Dorte

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Free Paper 01 - Bone conduction hearing devices
Main Auditorium, Thursday 23rd May, 17:30-19:00

ID: 03790
Speech understanding and sound localization with the adhesively attached Adhear bone conduction hearing system
Martin Kompis¹, Tom Gawliczek², Marco Caversaccio¹,², Wilhelm Wimmer²
1) Department of ENT, Head and Neck Surgery, Inselspital, University of Bern, Switzerland
2) Hearing Research Laboratory, ARTORG Center for Biomedical Engineering Research, University of Bern, Switzerland

ID: 03791
Speech understanding and hearing and with a the non-implantable wearing option Baha SoundArc
Martin Kompis¹, Tom Gawliczek², Marco Caversaccio¹,², Wilhelm Wimmer²
1) Department of ENT, Head and Neck Surgery, Inselspital, University of Bern, Switzerland
2) Hearing Research Laboratory, ARTORG Center for Biomedical Engineering Research, University of Bern, Switzerland

ID: 03792
Long term use of bone anchored hearing systems (BAHS) in single sided deafness
Martin Kompis¹, Marco Caversaccio¹,², Wilhelm Wimmer²
1) Department of ENT, Head and Neck Surgery, Inselspital, University of Bern, Switzerland
2) Hearing Research Laboratory, ARTORG Center for Biomedical Engineering Research, University of Bern, Switzerland

ID: 03852
Bone conduction hearing aids in children younger than 2 years- audiological assessment
Katarzyna Cywka¹, Piotr Henryk Skarzynski²,³
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03854
Audiological benefits after Bonebridge implantation
Piotr Henryk Skarzynski¹,²,³, Katarzyna Cywka¹, Bartlomiej Krol¹, Beata Dziendziel¹, Henryk Skarzynski¹
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03927
First experiences with the new ADHEAR bone conduction system in Serbia
Bojana Bukurovscho¹, Nenad ArsovicScho⁰
1) School of Medicine, University of Belgrade, Clinic for Otorhinolaryngology and Maxillofacial Surgery – Otologic Department, Clinical Centre of Serbia, Belgrade, Serbia

ID: 04019
Baha attract system- long term postoperative outcome with modified surgical technique
Zsofia Bere⁰, Adam Perenyi⁰, Janos Jarabin¹, Balaz Sztno¹, Ziad Bikhazi², Laszlo Tiszlavicz⁰, Jozsef Geza Kiss¹, Laszlo Rovoscho
1) University of Szeged, Department of Otorhinolaryngology, Head and Neck Surgery, Szeged, Hungary
2) Affidea Szeged, Hungary
3) University of Szeged, Department of Pathology, Szeged, Hungary

ID: 04058

Intracochlear Pressure Measurements to Study Human Bone Conduction Perception
Charlotte Borgers¹, Guy Fierens¹,2,3, Tristan Putzeys¹, Jan Wouters¹, Astrid van Wieringen¹, Nicolas Verhaert¹
1) KU Leuven – University of Leuven, Department of Neurosciences, ExpORL, B-3000 Leuven, Belgium
2) Cochlear Technology Centre, Mechelen, Belgium
3) KU Leuven – University of Leuven, Department of Physics and Astronomy, Laboratory for Soft Matter and Biophysics, B-3001 Heverlee, Belgium

ID: 04124

Short-term and first long-term outcomes for children treated with the bone conduction hearing system ADHEAR
Katrin Neumann¹
1) Ruhr University Bochum, Germany

Free Paper 02 - Cochlear implants I
Small Auditorium, Thursday 23rd May, 09:00-10:30

ID: 03785

Experience with MRI scanning of Hearing Implant Users
Ilona AndersonMED-E¹, Martin ZimmerlingMED-E², Richard ZnivaMED-E³
1) MED-EL

ID: 03806

The variability of fitting parameters across CI centers
Justine Wathour¹, Paul Govaerts², Naïma Deggouj³
1) Centre d’Audiophonologie des Cliniques universitaires Saint-Luc, Brussels, Belgium
2) Eargroup, Antwerpen, Belgium

ID: 03811

Listening Effort in Daily Life in Adult Patients with Cochlear Implant
Angelika Illg³,¹, Svenja Pape³,¹, Thomas Lenarz³,¹
1) Medical University of Hannover (MHH)

ID: 03818

Middle ear infectious complications in cochlear implant patients –our experience
Nina Bozanic Urbancic¹, Saba Battelino¹
1) University Medical Centre Ljubljana Slovenia 2) University of Ljubljana, Faculty of Medicine

ID: 03834

Comparison of bimodal benefit using DSL v5.0 and NAL-NL2 as hearing aid gain prescriptions
Frank Digeser¹, Max Engler¹, Ulrich Hoppe³
1) Universitätsklinikum Erlangen, HNO Klinik, Audiologie, Germany

ID: 03862

Long-term cognitive prognosis of profoundly deaf older adults after hearing rehabilitation using cochlear implant
Isabelle Mosnier¹, Antoine Vanier², Damien Bonnard³, Eric Truy⁴, Philippe Bordure⁵, Benoit Godey⁶, Mathieu Marx⁷, Emmanuel Lescanne⁸, Frederic Venail⁹, Christine Poncet¹⁰, Olivier Sterkers¹¹
ID: 03864
Pupillometry Assessment of Speech Recognition and Listening Experience in Adult Cochlear Implant Patients.
Isabelle Mosnier¹, Yoshie Russo Francesca², Michel Hoen³, Thomas Demarcy³, Marine Ardoint³, Daniele De Setta⁴, Ghizlene Lahtou⁴, Olivier Sterkers¹
1) AP-HP, GHU Pitié-Salpêtrière, Service ORL, Otologie, Implants auditifs et chirurgie de la base du crâne - Sorbonne Université, Inserm, Unité de Réhabilitation chirurgicale mini-invasive et robotisée de l'audition, Paris, France
2) AP-HP, GHU Pitié-Salpêtrière, Service ORL, Otologie, Implants auditifs et chirurgie de la base du crâne - Sorbonne Université, Inserm, Unité de Réhabilitation chirurgicale mini-invasive et robotisée de l'audition, Paris, France
3. Department of Sense Organs 3) Oticon Medical, Clinical and Scientific research group cochlear implants, Vallauris, France
4) APHP, Service ORL et Centre de réglage des implants cochléaires, Hôpital Rothschild, Paris, France.

ID: 03878
Cochlear Implant Outcomes in Children with Congenital Inner Ear Anomalies
Dan Yaniv¹, Eyal Raveh², Meirav Sokolov², David Ulanovsky², Hen Mormer², Joseph Attias³,⁴
1) Department of Otolaryngology Head and Neck Surgery, Rabin Medical Center, Petach Tikva, Israel 2) Department of Pediatric Otolaryngology, Schneider Children's Medical Center of Israel, Petach Tikva, Israel 3) Institute for Audiology and Clinical Neurophysiology, Schneider Children's Medical Center, Israel 4) Department of Communication Sciences & Disorders, University of Haifa, Haifa, Israel

ID: 03928
Pediatric cochlear implant recipients as adults: A survey
Hillary Ganek⁵, Mary Lynn Feness⁵, Gina Goulding⁵, Gillian Liberman⁵, Morrison Steel⁶, Leanne Ruderman⁶, Blake Papsin⁶, Sharon Cushing⁵, Karen Gordon⁵
1) Cochlear Implant Program, The Hospital for Sick Children 2) Department of Psychiatry, University of California San Diego 3) Thanatology Program, King’s University College at Western University

Free Paper 03 - Cochlear implants II
Small Auditorium, Thursday 23rd May, 11:00-12:30
Applying the deconvolution method in Nucleus CIs to better characterize spread of excitation
J.D. Biesheuvel¹, M.V.S. Goffi-Gomez², C.J. James³, J.J. Briaire¹, H. Mauch³, J.H.M. Frijns¹
1) Leiden University Medical Centre 2) HCFMU SP 3) Cochlear Europe

Cochlear Microphonic Changes During Cochlear Implantation Are Consistent with Hair Cell Survival and Electrode Contact on the Basilar Membrane
Christofer Bester¹, Stefan Weder², Aaron Collins¹, Anthony Gummer³, Stephen O'Leary¹
1) Dept. Otolaryngology, University of Melbourne, East Melbourne, VIC, Australia
2) Department of ENT, Head and Neck Surgery, University Hospital, Bern, Switzerland.
3) Section Physiological Acoustics and Communication, Dept. Otolaryngology, Eberhard-Karls-University Tübingen, Elfriede-Aulhorn-Straße 5, 72076 Tübingen, Germany

Results of Intraoperative ECochG During the Insertion of Two Types of Electrode Array: Slim Modiolar & Straight Electrode
Christofer Bester¹, Stefan Weder², Aaron Collins¹, Stephen O'Leary¹
1) Dept. Otolaryngology, University of Melbourne, East Melbourne, VIC, Australia
2) Department of ENT, Head and Neck Surgery, University Hospital, Bern, Switzerland.

Intra-Op Hearing Preservation Monitoring using Electrococchleography
Christofer Bester¹, Stefan Weder², Aaron Collins¹, Stephen O'Leary¹
1) Dept. Otolaryngology, University of Melbourne, East Melbourne, VIC, Australia
2) Department of ENT, Head and Neck Surgery, University Hospital, Bern, Switzerland.

Noise reduction algorithm ForwardFocus—subjective Feedback
Britta Böhnke¹, Thomas Hocke², Matthias Hey³
1) Universitätsklinikum Schleswig Holstein HNO Klinik

Impact of cochlear implantation on quality of life – longitudinal study
Marisa Alves¹, Joaquim Ferreira¹, Marcelino Pereira¹, Luis Silva¹
1) Faculty of Psychology and Educational Sciences, University of Coimbra, Portugal
2) ENT Department, Coimbra Hospital and University Centre, Portugal

Translation and cultural adaptation of the Nijmegen Cochlear Implant Questionnaire into European Portuguese
Marisa Alves¹, Marcelino Pereira¹, Joaquim Ferreira¹, Luis Silva¹
1) Faculty of Psychology and Educational Sciences, University of Coimbra, Portugal
2) ENT Department, Coimbra Hospital and University Centre, Portugal

The impact of cochlear implantation on third-party hearing loss-related quality of life – longitudinal study with spouses
Marisa Alves¹, Marcelino Pereira¹, Joaquim Ferreira¹, Luis Silva¹
1) Faculty of Psychology and Educational Sciences, University of Coimbra, Portugal
2) ENT Department, Coimbra Hospital and University Centre, Portugal

Translation and cultural adaptation of The Hearing Impairment Impact – Significant Other Profile into European Portuguese
Marisa Alves¹, Joaquim Ferreira¹, Marcelino Pereira¹, Luis Silva¹
1) Faculty of Psychology and Educational Sciences, University of Coimbra, Portugal
Free Paper 04 - Auditory processing Disorders I
Small Auditorium, Thursday 23rd May, 15:30-17:00

ID: 03942
Normalization and evaluation of the UCAST-FW - an adaptive low-pass filtered speech test of APD
Greg A. O’Beirne¹,², Jasmine M. Gibbins¹, Justin Yau¹, Rebecca J. Kelly-Campbell¹
1) University of Canterbury, Christchurch, New Zealand
2) Eisdell Moore Centre, Auckland, New Zealand

ID: 03958
Auditory Skills Informal Protocol: Pilot Study
Inês Martins¹Unive, Graça Simões Carvalho¹Unive, Cristiane Lima Nunes¹Unive, Simone Capellini¹UNESP
1) Universidade do Minho - CIEC 2) Universidade Estadual Paulista (UNESP) - LIDA

ID: 03963
Characteristics of children who are referred to the Auditory Process Disorder (APD) clinic – The Nutfield Experience
Nattawan Utoompurkpong¹, Chrysa Spyridakou²
1) UCL ear institute, University College London
2) The Nuffield Hearing and Speech centre, Royal National Throat Nose Ear Hospital, University College London Hospital

ID: 04031
Comparison of Auditory Processing Skills between Children with Unilateral Hearing Loss and Children with Normal Hearing
Aysel Bengi YerlikayaIstan¹, Haydar Murat YenerIstan¹, Zahra PolatIstan¹, Eyüp KaraIstan¹, Ahmet AtaşIstan¹
1) Istanbul University-Cerrahpasa, Departmant of Audiology, Cerrahpasa Medicine Faculty Hospital
2) Istanbul University-Cerrahpaşa, Department of Otolaryngology Head and Neck Surgery, Cerrahpasa Medicine Faculty
3) Istanbul University-Cerrahpaşa, Department of Audiology, Faculty of Health Sciences
4) Istanbul University-Cerrahpasa, Department of Audiology, Faculty of Health Sciences
5) Istanbul University-Cerrahpaşa, Department of Otolaryngology Head and Neck Surgery, Cerrahpasa Medicine Faculty

ID: 04076
The possible effects on Auditory processing skills due to conductive (Fluctuating), hearing loss.
Marina CallimachouDepar¹, Kakia PetinouDepar¹
1) Department of Rehabilitation Sciences Cyprus University of Technology

ID: 04109
Case Report: The use of Musical Auditory Training for an actor with tuning and memorizing texts difficulties.
Katya FreireAudic¹, Cristina FélixAudic¹, Millena SouzaAudic¹, Ana Paula BrunerAudic¹
1) Audicare Audiology Clinic (Brazil)

Free Paper 05 - Age Related hearing loss
Small Auditorium, Thursday 23rd May, 17:30-19:00

ID: 03780
Can you hear me? Audiology protocols in diagnosis and treatment of aphasia
ID: 03801
Can you hear me? Audiology protocols in diagnosis and treatment of aphasia
Limor Lavie¹, Michal Biran¹, Daria Tal¹
1) University of Haifa, Department of speech and hearing sciences and disorders

ID: 03912
Cognition of older adults with late onset hearing loss compared to matched controls with age appropriate hearing
Maria Huber¹, Sebastian Roesch¹, Belinda Pletzer², Julia Lukaschyk³, Anke Lesinski-Schiedat⁴, Angelika Illg⁵
1) Department of Otorhinolaryngology, Head and Neck Surgery, Paracelsus Medical University Salzburg, Austria
2) Department of Psychology, Center for Neurocognitive Research, University of Salzburg, Austria
3) Department of Otorhinolaryngology, Hannover Medical School, Germany

ID: 03936
Age-related changes in the auditory function studied by extended audiometric examination
Zbynek Bures¹, Oliver Profant², Veronika Svobodova², Diana Tothova², Vaclav Vencovsky³, Josef Syka²
1) Department of Technical Studies, College of Polytechnics, Jihlava, Czech Republic
2) Department of Auditory Neuroscience, Institute of Experimental Medicine of the Czech Academy of Sciences, Prague, Czech Republic
3) Department of Otorhinolaryngology of Faculty Hospital Královské Vinohrady and 3rd Faculty of Medicine, Charles University, Prague, Czech Republic
4) Department of Otorhinolaryngology and Head and Neck Surgery, 1st Faculty of Medicine, Charles University in Prague, University Hospital Motol, Prague, Czech Republic

ID: 04105
Age-Related Treatment Effect On Sudden Hearing Loss
1) Department of Audiology, Istanbul Aydin University, Turkey

ID: 04139
Identification of hearing loss through a single question
Neelke Oosterloo Erasmus, Nienke Homans Erasmus, Rob J. Baatenburg de Jong Erasmus, Arfan Ikram Erasmus, Paul Nagtegaal Erasmus, André Goedegebure Erasmus
1) Erasmus MC

ID: 04150
Restoration of sensory input may improve cognitive and neural function
Hanin Karawani², Samira Anderson²
1) University of Haifa
2) University of Maryland

Free Paper 06 - Audiologic diagnosis
Meeting Room 1, Thursday 23rd May, 09:00-10:30

ID: 03784
Can High-Frequency Audiometry “Unhide” Hidden Hearing Loss?
Ioannis Bardanis¹, Konstantinos Panagiotidis¹
1) General Hospital of ikaria, Greece
ID: 03847
Hearing effects of prolonged exposure to the hyperbaric environment in professional divers
Sheila Aguilera
Clini, Margarida Serrano
Inst
1) Instituto Politécnico de Coimbra, ESTeSC – Coimbra Health School, Audiologia
2) Clínica Templado – Audiolgia Avanzada (Murcia/España)

ID: 03870
Accuracy of Contralateral Occlusion Test in Conductive Hearing Loss
Luís Reis¹, Luís Castelhano¹, Filipe Correia¹, Pedro Escada¹
1) Egas Moniz University Hospital, Lisbon

ID: 03946
Feasibility of high frequency bone conduction thresholds for up to 16 kHz using the Westra KLH96 bone conduction transducer
Kimmy Snel
Utrecht, Koen Rhebergen
Utrecht
1) UMC Utrecht

ID: 04017
Interpretation of wide-band tympanometry using automated pattern recognition
Eliane Ebnoether¹, Anu James Madathiparambil², Volker Roth², Christof Stieger¹
1) Department of Otolaryngology, Head and Neck Surgery, University of Basel Hospital, Switzerland
2) Department of Mathematics and Computer Science, University of Basel, Switzerland

ID: 04068
Test-retest reliability and validity of ultra-high frequency audiometry without a sound-treated environment in healthy adults and multi-drug resistant tuberculosis patients.
Lebogang Ramma
Univ, Lucretia Petersen
Univ
1) University of Cape Town, South Africa

ID: 04107
Development and Validation of the Arabic CAPT
Hanin Rayses
UCL, Ghada Al-Malky
UCL, Deborah Vickers
Cambr
1) UCL
2) Department of Speech Hearing and Phonetic Sciences, Faculty of Brain Sciences, University College London, London, UK
3) Ear Institute, Faculty of Brain Sciences, University College London, London, UK
4) Department of Clinical Neurosciences, Clinical School, University of Cambridge, Cambridge, UK

ID: 04111
The Dynamic Range of Hearing in the High Frequencies (9-16 kHz) in a Population of Normal Hearing Individuals.
Alicja N. Malicka¹, Andrea Simpson¹, Jevan Price Leggett¹, Julia C. Amezdroz², Georgia E. Gooding³, Ajisha Kizhakumtala¹, Rita Hou², Courtney Burton², Wayne J. Wilson²
1) La Trobe University
2) The University of Queensland

ID: 04122
Multi-Frequency Technology for acoustic Reflexes
Russell Higgs¹, Andre Lodwig²
1) Path Medical GmbH

Free Paper 07 - Vestibular disorders, diagnosis and therapy I
Meeting Room 1, Thursday 23rd May, 15:30-17:00
ID: 03860
Normalization Of Galvanic Vestibular Evoked Myogenic Potentials In Healthy Individuals
Nizamettin Burak Avcı\textsuperscript{Trakya}, Zahra Polat\textsuperscript{Istan}, Ahmet Ataş\textsuperscript{Istan}
1) Department of Audiology, Faculty of Health Sciences, Trakya University, Edirne, Turkey
2) Department of Audiology, Faculty of Health Sciences, Istanbul University-Cerrahpasa, Istanbul, Turkey
3) Department of Otolaryngology, Cerrahpasa Medical Faculty, Istanbul University-Cerrahpasa, Istanbul, Turkey

ID: 03941
Auditory-evoked neurophonic responses recorded using a novel signal processing technique
Greg A. O’Beirne\textsuperscript{1,2}, Alison M. Cook\textsuperscript{1,2}, Ashleigh J. Allsop\textsuperscript{1}
1) University of Canterbury, Christchurch, New Zealand
2) Eisdell Moore Centre, Auckland, New Zealand

ID: 03969
Static and Dynamic Balance in School Children with Sensorineural Hearing Loss
Kürşad Karakoç\textsuperscript{Ankar}, Banu Müjdeci\textsuperscript{Ankar}
1) Ankara Yıldırım Beyazıt University

ID: 04119
Evaluating The Effectiveness of Virtual Reality (VR) Game Systems in Vestibular Rehabilitation In Motion Sickness
Emel Uğur\textsuperscript{1}, Özlem Konukseven\textsuperscript{2}
1) Acıbadem Altunizade Hospital, Audiology Department 2) Istanbul Aydin University, Faculty of Health Sciences, Audiology Department

ID: 04120
What are the Differences Between Canalolithiasis and Cupulolithiasis in patients with BPPV: Latency, Direction, Duration and Age Distribution
İnci Adalı\textsuperscript{1}, Ümit Can Çetinkaya\textsuperscript{1}, Merve Meral\textsuperscript{1}, Ahsen Kartal\textsuperscript{1}, Büşra Uludağ\textsuperscript{1}, Barış Tansu Özal\textsuperscript{2}, Özge Melike Gün\textsuperscript{1}, Zeynep Önerci Altunay\textsuperscript{2}, Haluk Özkarakaş\textsuperscript{2}, Özlem Konukseven\textsuperscript{1}
1) Audiology Department, Faculty of Health Sciences, Istanbul Aydin University
2) Acıbadem Kadıkoy Hospital, Audiology Department

Free Paper 08 - Devepment of hearing throughout life
Meeting Room 1, Thursday 23\textsuperscript{rd} May, 17:30-19:00

ID: 03807
Towards Predictions of Individual Benefits with Real Hearing Aids
David Hülsmeier\textsuperscript{Mediz}, Anna Warzybok\textsuperscript{Mediz}, Birger Kollmeier\textsuperscript{Mediz}, Marc René Schädler\textsuperscript{Mediz}
1) Medizinische Physik and Cluster of Excellence Hearing4all, CvO Universität Oldenburg

ID: 03846
Personal Stereos And Adolescence: Pleasure Or Risk
Carla Bahillo-Neves\textsuperscript{audio}
1) Audiotex

ID: 03930
Evaluation of Verbal Working Memory and Phonemic Analysis Skills in Adolescents with Cochlear Implant- A Preliminary Study
Nuriye Yıldırım\textsuperscript{Gazi}, Büleent Gündüz\textsuperscript{Gazi}, Hakan Tutar\textsuperscript{Gazi}, Recep Karamert\textsuperscript{Gazi}, Şadiye Bäcik Trank\textsuperscript{Gazi}
1) Gazi University, Faculty of Health Sciences, Department of Audiology 2) Gazi University Faculty of Medicine, Department of Otorhinolaryngology 3) Gazi University, Faculty of Health Sciences, Department of Speech and Language Therapy
Neurodevelopmental aspects of hearing-in-noise in 5 to 11 year-old children
Jeremie GinzburgLyon, Lesly FornoniLyon, Justine PopieuLyon, Caroline PierreLyon, Anne CaclinLyon, Annie MoulinLyon
1) Lyon Neuroscience Research Centre, Brain Dynamics and Cognition Team, Perception Attention and Memory group, CNRS UMR5292, INSERM U1028, Claude Bernard Lyon 1 university, Lyon University, F-69000, Lyon, France

DHH Students Perception of School Inclusion through different school environments.
Edyta Tominska1, Anna Zwierzchowska2, Agata Kruzynska2, Aleksandra Zebrowska3
1) UER PS, Haute Ecole Pédagogique du Canton de Vaud, Lausanne, Switzerland
2) Department of Special Education, the J. Kukuczka Academy of Physical Education, Katowice, Poland
3) Department of Physiological and Medical Sciences, the J.Kukuczka Academy of Physical Education, Katowice, Poland

The association between age-related hearing loss, body composition and diet
André GoedegebureErasm, Pauline CrollErasm, Trudy VoortmanErasm, Meike VernooijErasm, Arfan IkramErasm
1) Erasmus MC

Presbycusis: auditory rehabilitation influence in loneliness and depression in older people
Tatiana MarquesInsti, Filipa D. MarquesInsti
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiologia, Portugal; OuviSonus
2) Instituto Politécnico de Coimbra, ESEC, Gerontologia; CINTESIS

Is Serious Game-Based Learning a Good Therapeutic Option in Adult Cochlear Implantees? Preliminary Results from an Intensive Listening-in-Noise Training Program
PIERRE Reynard1,2,3, Virginie ATTINA1,2,3, Evelyne VEUILLET1,2,3, Hung THAI-VAN1,2,3
1) Department of Audiology and Otoneurological Evaluation – Lyon University Hospital, France
2) Claude Bernard Lyon 1 University, France
3) Lyon Neuroscience Research Center, Inserm U1028 CNRS UMR5292 France

Test-Retest Reliability of a Modern Greek Speech Audiometry Test for Adults
Nikolaos Trimmis1, Dimitra Chaldiri, Stefanos Naxakis3
1) Department of Speech Language Therapy, TEI of Western Greece.
2) Faculty of Social Sciences, Brock University, Canada.
3) Department of Otolaryngology, University Hospital of Patras, Greece.

Audiological classification of patient data using expert-based Common Audiological Functional Parameters (CAFPAs)
Marieke Buhl1,2, Anna Warzybok1,2, Marc René Schädler1,2, Birger Kollmeier1,2,3
1) Medizinische Physik, Universität Oldenburg, Oldenburg, Germany
2) Cluster of Excellence Hearing4all, Oldenburg, Germany
3) HörTech gGmbH, Oldenburg, Germany
4) Hearing, Speech and Audio Technology, Fraunhofer IDMT, Oldenburg, Germany
ID: 03994
Speech perception in noise by school-aged children with dyslexia: Is there a benefit of envelope enhancement?
Tilde Van Hirtum1, KU, Pol Ghesquière2, KU, Jan Wouters1, KU
1) KU Leuven - University of Leuven, Dept. of Neurosciences, ExpORL, Leuven, Belgium
2) KU Leuven – University of Leuven, Faculty of Psychology and Educational Sciences, Parenting and Special Education Research Unit, Leuven, Belgium

ID: 03998
Experiences of an Internet-based aural rehabilitation (IAR) program for hearing aid users: a qualitative study
Milijana Malmberg1,2
1) Habilitation & Health, Hearing Organization, Region Västra Götaland, Sweden
2) Department of Health and Rehabilitation, Institute of Neuroscience and Physiology, Sahlgrenska Academy, University of Gothenburg, Sweden

ID: 04016
A systematic review on maternal verbal interaction and the effects on language outcomes in children with hearing loss
Lena L N Wong1Unive, Nuzhat Sultana1Unive, Suzanne Purdy1Unive
1) University of Hong Kong

Free Paper 10 - Recruiting the other ear in SSD and bimodal fitting
Meeting Room 2, Thursday 23rd May, 15:30-17:00

ID: 03810
Topic: Recruiting the other ear in SSD and bimodal fitting
Loudness scaling and localization of cochlear implant users with contralateral hearing aid
Anne Hast1, Paul Lehmann1, Patrick Munder2, Matthias Hey2, Hoppe Ulrich1
1) CICERO - CI Centrum Erlangen, ENT department, University clinic Erlangen 2) ENT department, University clinic Schleswig-Holstein, Campus Kiel

ID: 03861
Comparing the Effect of Different Hearing Aid Fitting Methods in Bimodal Cochlear Implant Users.
Jantien Vroegop1Erasm, Gertjan Dingemanse1Erasm, Marc van der Schroeff1Erasm, André Goedegebure1Erasm
1) Erasmus MC

ID: 03987
Benefit of Balanced Sound Processing and Matched Automatic Gain Control in Bimodal Cochlear Implant Users – Final results
Diana Arweiler-Harbeck1Depar, Anna Möller1Depar, Heike Bagus1Cochl, Thomas Scholz1Cochl, Stephan Hans1Depar, Laura Holtmann1Depar
1) Department of Otorhinolaryngology, Chair Prof Dr. Stephan Lang University Hospital Essen University Duisburg-Essen, Germany
2) Cochlear Implant Center Ruhr Essen Germany

ID: 04045
10 years of Cochlear Implantation in Single Sided Deaf patients- a critical review
Anja Kurz1Depar, Marius Grubenbecher1Depar, Maren Zanzinger1Depar, Rudolf Hagen1Depar, Kristen Rak1Depar, Kühn Heike1Depar
1) Department of Otolaryngology, University Hospital Würzburg, Comprehensive Hearing Center

Free Paper 11 - Pediatric Audiology
Meeting Room 2, Thursday 23rd May, 17:30-19:00

ID: 03776
The Adhesive Bone Conduction system, ADHEAR – performance, physics and clinical evaluations
Patrik Westerkull
1) Otorix Research / Chalmers University of Technology

ID: 03789
Vestibular Function in Children with Neurodevelopmental Disorders: A Systematic Review
R. Van Hecke¹, M. Danneels¹, I. Dhooge²,³, H. Van Waelvelde¹, J.R. Wiersema⁴, F.J.A. Deconinck⁵, L. Maes¹,²
1) Ghent University, Department of Rehabilitation Sciences, Ghent, Belgium
2) Ghent University Hospital, Department of Otorhinolaryngology, Ghent, Belgium
3) Ghent University, Department of Head and Skin, Ghent, Belgium
4) Ghent University, Department of Experimental-Clinical and Health Psychology, Ghent, Belgium
5) Ghent University, Department of Movement and Sports Sciences, Ghent, Belgium

ID: 03872
Selection of Material for Speech Audiometry Testing in Young Greek-Speaking Children
Nikolaos Trimmis¹, Dimitra Chaldi²
1) Department of Speech & Language Therapy, TEI of Western Greece
2) Faculty of Social Sciences, Brock University, Canada

ID: 03943
Development of a paediatric version of the University of Canterbury Auditory-Visual Matrix Sentence Test.
Greg A. O'Beirne¹,², Pace M. Jenkins-Foreman¹, Marie Lay¹, Rebecca J. Kelly-Campbell¹
1) University of Canterbury, Christchurch, New Zealand 2) Eisdell Moore Centre, Auckland, New Zealand

ID: 04042
Assessing Gross Motor Skills Of Children With Cochlear Implants And Children With Normal Hearing
Selma Yılar¹, Duygu Hayır¹, N.Burak Avcı¹, Sare Ocağ¹, Z. Dilek Gülmez¹, Hatice Demir¹, Soñer Güler¹, Duygu Özdemir¹, Zeynep İkizoğlu¹, Emin Karaman¹, Zahra Polat¹
1) Department of Audiology, Medical Faculty, Istanbul University Cerrahpasa, Istanbul, Turkey
2) Department of Audiology, Faculty of Health Science, Istanbul University Cerrahpasa, Istanbul, Turkey
3) Department of Audiology, Faculty of Health Science, Trakya University, Edirne, Turkey
4) Department of E.N.T, Medical Faculty, Istanbul University Cerrahpasa, Istanbul, Turkey

ID: 04046
Classical Play Audiometry Versüs Animated Play Audiometry
İlayda Çelik, Kerim Yetkin Kurnaz, Yaşu Başoğlu, Oguz Yılmaz, Mustaufa Bülent Şerbetçioğlu
1) İstanbul Medipol University 2) İstanbul Technical University

ID: 04086
Assessment of Reading Ability in Fourth Grade Elementary School Children with Hearing Loss and Normal Hearing
Selma Yılar¹, Merve Çınar², Figen Başar³, Zahra Polat¹
1) Department of Audiology, Medical Faculty, Istanbul University Cerrahpasa, Istanbul, Turkey
2) Department of Audiology, Faculty of Health Science, Anadolu University, Eskisehir, Turkey
3) Department of Audiology, Medical Faculty, Ondokuz Mayıs University, Samsun, Turkey
4) Department of Audiology, Faculty of Health Science, Istanbul University Cerrahpasa, Istanbul, Turkey

ID: 04110

**Protocol for Early Detection and Management of Hearing Loss from Bacterial Meningitis in Children**

Sofia Polainas¹, Filipa Ferreira¹, Vítor Proença¹, Luís Antunes¹

1) Department of Otorhinolaryngology, Hospital Garcia de Orta, Almada, Portugal

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**Free Paper 12 - Cochlear Implants III**

**Main Auditorium, Friday 24th May, 17:30-19:00**

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ID: 03951

**Individualized models of the auditory nerve response to cochlear implant stimulation**

Bernhard Seeber¹, Marko Takanen¹, Kauê Werner¹

1) Audio Information Processing, Technical University of Munich

ID: 03952

**Objective Measures To Characterize The Electrical Properties Of The Cochlear Implant (Ci) Electrode Array And The Sourrounding Tissue**

Goetz Brademann¹, Angel Ramos de Miguel², Juan Carlos Falcon², Timo Stoever³, Manuel Manrique⁴, Robert Cowan⁵, Ulrich Hoppe⁶, Matthias Hey⁷, Uwe Baumann⁷, Alicia Huarte⁹, Tim Liebscher⁹, Riaan Rottier⁹, Nicole Neben¹⁰, Angel Ramos¹¹

1) Department of Otorhinolaryngology, Head and Neck Surgery, Christian-Albrecht-University of Kiel, Kiel, Germany
2) Acoustic lab - Audiology, Complejo Hospitalario Universitario Insular Materno-Infantil de Gran Canaria, Las Palmas, Spain
3) Otorhinolaryngology - Head and Neck Surgery, Klinikum der J.W. Goethe-Universität, Frankfurt, Germany
4) Otorhinolaryngology - Head and Neck Surgery, Clínica Universidad de Navarra, Pamplona, Spain
5) HEARing CRC, University of Melbourne, Carlton, Australia
6) Audiology, Universitätsklinikum Erlangen, Erlangen, Germany
7) Audiology Klinikum der J.W. Goethe-Universität, Frankfurt, Germany
8) Audiology, Clínica Universidad de Navarra, Pamplona, Spain
9) Sound Processors and Clinical Care, Cochlear, Sydney, Australia
10) Clinical Studies, Cochlear, Hannover, Germany
11) Otorhinolaryngology - Head and Neck Surgery, Complejo Hospitalario Universitario Insular Materno-Infantil de Gran Canaria, Las Palmas, Spain

ID: 03954

**Short-Term And Long-Term Hearing Performance In 150 Subjects Provided With A Ci532**

Ulrich Hoppe¹, Timo Stoever², Uwe Baumann², Alexander Mewes³, Tim Liebscher¹, Marc Schuessler³, Antje Aschendorff³, Thomas Wesarg⁵, Andreas Buechner³, Nicole Neben⁶, Matthias Hey⁷

1) Audiology, Universitätsklinikum Erlangen, Erlangen, Germany, Hearing Center
2) ENT clinic, Klinikum der J.W. Goethe-Universität, Frankfurt, Germany
3) Audiology, Universitätsklinikum Schleswig-Holstein, Kiel, Germany
4) German Hearing Center at Medizinische Hochschule Hannover, Hannover, Germany
5) ENT clinic, University of Freiburg, Freiburg, Germany
6) Clinical studies, Cochlear, Hannover, Germany

ID: 03959

**Investigation of Electrically Evoked Auditory Brainstem Responses Changes in Children with Sequential Bilateral Cochlear Implants**

Burcu Deniz³, EYYUP KARA², ZAHRA POLAT¹, RIŞVAN DENIZ², AHMET ATAS³

1) İstanbul University-Cerrahpaşa, Faculty of Health Sciences, Department of Audiology
2) Istanbul University - Cerrahpaşa, Cerrahpaşa Medical Faculty Hospital, Department of Audiology
3) Istanbul Üniversitesi-Cerrahpaşa, Cerrahpaşa Medical Faculty, Department of Otolaryngology, Head and Neck Surgery

ID: 03989

**The impact of low rate stimulation on speech understanding and sound perception using the ACE strategy**

Andreas Buechner<sup>Hanno</sup>, Eugen Kludt<sup>Hanno</sup>, Mark Schuessler<sup>Hanno</sup>, Thomas Lenarz<sup>Hanno</sup>

1) Hannover Medical School

ID: 04000

**Influence of cerebral abnormalities in pediatric cochlear implant recipients on auditory perception and speech outcomes**

M. Mashaly<sup>Otor</sup>

1) Otorhinolaryngology, Audiology Department, Cairo University, Egypt

ID: 04002

**Cochlear Implantation in Syndromic Deafness: Challenges, Hearing and Speech Rehabilitation Outcomes**

M. Mashaly<sup>Otor</sup>

1) Otorhinolaryngology, Audiology Department, Cairo University, Egypt

ID: 04003

**Cochlear Implantation in Bilateral Profound Deafness after Head Trauma**

M. Mashaly<sup>Otor</sup>

1) Otorhinolaryngology, Audiology Department, Cairo University, Egypt

ID: 04022

**Objective help for CI fitting – AutoART and applications**

Balázs Dimak<sup>1</sup>, Roland Nagy<sup>1</sup>, Adam Perenyi<sup>1</sup>, Janos Andras Jarabin<sup>1</sup>, Rebeka Schulcz<sup>1</sup>, Laszlo Rovo<sup>1</sup>, Jozsef Geza Kiss<sup>1</sup>

1) University of Szeged, Department of Otorhinolaryngology, Head and Neck Surgery

**Free Paper 13 - Cochlear implants IV**

**Small Auditorium, Friday 24<sup>th</sup> May, 09:00-10:30**

ID: 04030

**The benefits of the Cochlear Implant In Single Sided Deafness - Events Related Potentials (ERP-P300)**

Tânia Martins<sup>Hosp1</sup>, Diogo Ribeiro<sup>Hosp1</sup>, Jorge Oliveira<sup>Copel</sup>, Mafalda Almeida<sup>Hosp1</sup>, Vera Lourenço<sup>Hosp1</sup>, João Paço<sup>Hosp1</sup>

1) Hospital Cuf Coimbra, Hospital Cuf Infante Santo, Copelabs ULHT

ID: 04085

**Sequential Bilateral Cochlear Implantation in Children: Outcome of the Second Implant and Long-Term Use**

João Fonseca Neves<sup>1</sup>, Jorge Humberto Martins<sup>1</sup>, Susana Andrade<sup>1</sup>, Graça Oliveira<sup>1</sup>, Joana Sanches Pires<sup>1</sup>, Marisa Alves<sup>1</sup>, Helena Alves<sup>1</sup>, Daniela Ramos<sup>1</sup>, Ricardo Caiado<sup>1</sup>, João Elói Moura<sup>1</sup>, Jorge Quadros<sup>1</sup>, Felisberto Maricato<sup>1</sup>, Luis Filipe Silva<sup>1</sup>

1) Serviço de Otorrinolaringologia - Centro Hospitalar e Universitário de Coimbra

ID: 04089

**Swiss National Cochlea Implant Register: Preliminary Analysis of Speech Development**

Katrin Siegwolf<sup>1</sup>, Anette Voswinckel<sup>1</sup>, Maike Lipp<sup>2</sup>, Claudia Ohnsorg<sup>3</sup>, Luzia Bayard<sup>4</sup>, Christof Stieger<sup>1,5</sup>

1) Department of ENT, University of Basel Hospital, Switzerland
2) Department of ENT, Head and Neck Surgery, University Hospital of Zurich, Switzerland
3) Department of ENT, Head and Neck Surgery, Cantonal Hospital Lucerne, Lucerne, Switzerland
4) Department of ENT, Head and Neck Surgery, University of Bern, Inselspital, Berne, Switzerland
5) CICH, Working Group for Cochlear Implants of the Swiss ENT Society, Switzerland

ID: 04103
Objective and subjective results with two types of electrodes and the same cochlear implant electronics in pediatric subjects
Adam Perenyi\textsuperscript{Unive}, Ferenc Toth\textsuperscript{Unive}, Balazs Dimak\textsuperscript{Unive}, Roland Nagy\textsuperscript{Unive}, Zsofia Bere\textsuperscript{Unive}, Jozsef Geza Kiss\textsuperscript{Unive}, Laszlo Rovo\textsuperscript{Unive}

ID: 04108
Predicting Long-term Speech and Language Outcomes in Paediatric Cochlear Implant Recipients
Julie Hare\textsuperscript{2}, Tracey Sear\textsuperscript{2}, Debi Vickers\textsuperscript{1}
1) University of Cambridge, Department of Clinical Neuroscience, Cambridge, UK
2) Royal, National, Throat, Nose and Ear Hospital, Cochlear Implant Programme, London, UK

ID: 04115
Outcomes and daily time use of cochlear implants in post-lingual adult patients
Catarina Tinoco\textsuperscript{1}, Diogo Ribiero\textsuperscript{1}, Ana Campos\textsuperscript{1}, Pedro Henriques\textsuperscript{1}, Hugo Estibeiro\textsuperscript{1,2}, João Paço\textsuperscript{1}
1) Hospital CUF Infante Santo
2) Instituto Português de Oncologia de Lisboa Francisco Gentil

ID: 04117
Early Fitting Objective Performance Vs Standard Activation Objective Performance
Joana Luís\textsuperscript{1}, Tânia Delgado\textsuperscript{1}, João Januário\textsuperscript{2}, Carla Gonçalves\textsuperscript{2}, Mª Luisa Monteiro\textsuperscript{1}
1) Hospital Lusíadas Lisboa, Lisboa
2) NOVA Medical School, Universidade Nova de Lisboa

ID: 04125
Cochlear implantation in patients with Ménière’s disease
Diogo Ribeiro\textsuperscript{Hosp}, Cristina Caroça\textsuperscript{Hosp}, João Paço\textsuperscript{Hosp}
1) University Clinical Center of Otorhinolaryngology of Hospital CUF Infante Santo
2) NOVA Medical School, Universidade Nova de Lisboa

ID: 04137
Personalized electrode array insertion for cochlear implantation
O. Sterkers\textsuperscript{1}, Y. Nguyen\textsuperscript{1}, R. Torres\textsuperscript{1}, D. De Seta\textsuperscript{1}, M. Drouillard\textsuperscript{1}, D. Bernardesch\textsuperscript{1}, I. Mosnier\textsuperscript{1}
1) Sorbonne Universities and Inserm/UMR-S1159, APHP Groupe Hospitalier Pitié Salpêtrière, Paris, France

ID: 04140
Influence of Microphone Directivity on Static and Dynamic Localization and Minimum Audible Angle with Bilateral Cochlear Implant Users
Tim Fischer\textsuperscript{1,2}, Christoph Schmid\textsuperscript{2}, Martin Kompis\textsuperscript{2}, Georgios Mantokoudis\textsuperscript{2}, Marco Caversaccio\textsuperscript{1,2}, Wilhelm Wimmer\textsuperscript{1,2}
1) Hearing Research Laboratory, ARTORG Center for Biomedical Engineering Research, University of Bern, Bern, Switzerland
2) Department of ENT, Head and Neck Surgery, Inselspital, Bern University Hospital, University of Bern, Bern, Switzerland

Free Paper 14 - Electrophysiology and audiology
Small Auditorium, Friday 24\textsuperscript{th} May, 11:00-12:30
How to identify auditory neural energetic vulnerability
Fabrice GIRAUDET¹, Paul DELTENRE², Paul AVAN¹
1) Laboratory of Neurosensory Biophysics, UMR INSERM 1107, School of Medecine, University Clermont Auvergne, Clermont-Ferrand, France
2) CHU Brugmann, Université Libre de Bruxelles, Belgium

Artificial intelligence is effective in auditory brainstem response analysis
Richard McKearney¹, Robert MacKinnon²
1) Department of Audiology, Guy's and St. Thomas' NHS Foundation Trust, London, UK 2) Department of Vision and Hearing Sciences, Anglia Ruskin University, Cambridge, UK

The Investigation of the Relationship Between Frequency-Specific Hearing Loss and ALLR in Normal Hearing and Hearing Loss Individuals: Preliminary Research
Özlem Beşik¹, Nuriye Yıldırım¹, Emre Orhan¹, Bülent Gündüz¹, Hakan Tutar¹, Recep Karamert¹
1) Gazi University

Electrophysiological and behavioral measures of some speech contrasts in varied attention and noise
David Jackson Morris¹, John Tendering¹, Magnus Lindgren²
1) University of Copenhagen, Department of Nordic Studies and Linguistics, Speech Pathology and Audiology 2) Lund University, Department of Psychology

Estimation of the degree and configuration of hearing loss using ASSR evoked by amplitude modulated noise
Thamara Santos¹, Jeferson Jhone Silva², Danilo Barbosa Melges², Otávio Gomes Lins³, Carlos Julio Tierra-Criollo⁴
1) Graduate Program in Neuroscience, Federal University of Minas Gerais, Belo Horizonte, Brazil 2) Graduate Program in Electrical Engineering, Federal University of Minas Gerais, Belo Horizonte, Brazil 3) Graduate Program in Neuropsychiatry, Federal University of Pernambuco, Recife, Brazil 4) Biomedical Engineering Program, Alberto Luiz Coimbra Institute of Graduate Education and Research in Engineering, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

Assessment Of Auditory Functions In Patients With Diabetes
Ebru Kara¹, Eyyup Kara¹, Emine Deniz Gözen², Ahmet Ataş²
1) Department of Audiology, Faculty of Health Sciences, Istanbul University-Cerrahpaşa, Istanbul, Turkey 2) Department of Otolaryngology, Cerrahpaşa Medical Faculty, Istanbul University-Cerrahpaşa, Istanbul, Turkey

EEG findings in different listening condition of individuals who have normal hearing.
Ebru Zeren¹, Nurhan Erbil¹, Meral Didem Türkyılmaz¹
1) Department of Audiology, Hacettepe University

ABR in preschool children with speech disorders
Ivana Aras¹, Sanja Vlahović¹, Siniša Stevanović², Tereza Cvjetko¹
1) SUVAG Polyclinic Zagreb 2) Clinical Hospital "Sisters of Mercy"
ID: 04082
Objective measures of the auditory discrimination abilities in young children with CI
Paulina Paluch¹, Bartosz Kochański¹, Małgorzata Ganc¹, Jakub Wojciechowski¹,², Rafał
Milner¹, Henryk Skarżyński¹
1) Institute of Physiology and Pathology of Hearing, Warsaw, Poland
2) Nencki Institute of Experimental Biology, Warsaw, Poland

ID: 04083
Adults Cochlear Implant (Bionic Ear) Users, Effect On Signal To Noise Ratio In
Investigation Of The Auditory Cortical Responses
Halide C.KARA¹, Eyyup KARA¹, Ahmet ATAS¹, E.Deniz GOZEN¹
1) Department of Otolaryngology, Cerrahpaşa Medical Faculty, Istanbul University-Cerrahpaşa,
Istanbul, Turkey
2) Department of Audiology, Faculty of Health Sciences, Istanbul University-Cerrahpaşa,
Istanbul, Turkey

ID: 04121
C-VEMP Test Parameters in Patients with Motion Sickness:Latency, Amplitude and
Asymmetric Ratio
Ahsen Kartal¹, Büşra Uludağ¹, Merve Meral¹, Ümit Can Çetinkaya¹, Eyüp Hakan Şafakoğlu¹,
Betül Tekinay¹, Mustafa Mola¹, İnci Adali¹, Özlem Konukseven¹
1) Audiology Department, Faculty of Health Sciences, Istanbul Aydın University

Free Paper 15 - Auditory Processing Disorders II
Small Auditorium, Friday 24th May, 15:30-17:00

ID: 03778
Electrophysiological characteristics in children with listening difficulties, with or without
auditory processing disorder
Tone Stokkereit Mattsson¹, Ola Lind¹, Turid Follestad¹, Kjell Grøndahl¹, Wayne
Wilson¹, Ståle Nordgård¹, Stein Andersson¹
1) Ålesund Hospital

ID: 03820
A functional model for understanding the "process" of processing
Jeanane Ferre¹
1) Jeanane M Ferre, PhD

ID: 03821
Beyond preferential seating: deficit-specific management strategies for central auditory
processing disorders (CAPDs)
Jeanane Ferre¹
1) Jeanane M Ferre, PhD

ID: 03822
The M3 model for treating central auditory processing disorders
Jeanane Ferre¹
1) Jeanane M Ferre, PhD

ID: 03879
Evaluation of Central Auditory Processing in Normal Hearing Young Adults by Using
Dichotic Listening Tasks in Turkish Language
NURİYE YILDIRIM¹, BÜLENT GÜNDÜZ¹
1) Gazi University, Audiology Department

ID: 03884
The Cantonese Pediatric Lexical Tone Dichotic Listening Test-CaPeLeToDLT detects abnormal auditory processing and within-participant ear advantage in very young children
K. C. P. Yuen¹,², C. C. Y Mak¹, F. K. H. Fung¹, H. Y. Mou³, C. M. K. Cheung¹, X. Y. Qiu¹,², S. K. L. Sam¹
1) Department of Special Education & Counselling, The Education University of Hong Kong
2) Integrated Centre for Well-Being, The Education University of Hong Kong
3) Bionic Ear and Sound Technology Laboratory, Shanghai Acoustics Laboratory, Chinese Academy of Sciences, Shanghai, China

ID: 03892
Auditory Processing Disorder in children: interest of a multidisciplinary assessment
Isabelle Rouillon¹, Aude De Lamaze¹, Marlène Ribot¹, Gregory Collet², Marine Parodi¹, Françoise Denoyelle¹, Natalie Loundon¹
1) 1 Service d'ORL pédiatrique et de Chirurgie Cervico-faciale. Necker Enfant-Malades, AP-HP, Paris, France
2) 2 Faculté des Sciences Psychologiques et de l'Éducation, Université libre de Bruxelles, Belgique

Free Paper 16 - Hearing and Cognition
Small Auditorium, Friday 24th May, 17:30-19:00

ID: 03802
The Effect Of Hearing Aid Use In Older Adults On Auditory Processing, Cognition And Gait
Limor Lave¹, Hussam Abu Jaber², Ismael Abu Freh³, Maayan Agmon³
1) University of Haifa

ID: 03823
The link between hearing loss, vestibular loss and cognition
Bieke Dobbels¹, Griet Mertens², Annick Gilles³, Julie Moyaert³, Raymond Van de Berg⁴, Olivier Vanderveken⁵, Paul Van de Heyning⁵, Vincent Van Rompaey⁵
1) University Hospital of Antwerp

ID: 03938
Effects of task difficulty and signal processing on recall performance and recall strategy
Andreea Micula¹, Elaine Ng², Fares El-Azm³, Jerker Rönberg⁴
1) Oticon A/S 2) Linnaeus Centre HEAD, Swedish Institute for Disability Research 3) Department of Behavioural Sciences and Learning, Linköping University

ID: 03962
Development of computer based cognitive screening tool for the hearing impaired older adult population
Nattawan Utoomprurkporn¹,², Sergi Costafreda Gonzalez³, Joshua Stott⁴, Doris Eva Bamiou⁵
1) UCL ear institute, University College London
2) Faculty of Medicine, Chulalongkorn university
3) Division of psychiatry, Faculty of brain science, University College London
4) Division of psychology and language science, Faculty of brain science, University College London

ID: 03995
Can you feel the effort? Listening in ecologically relevant environments
Annelies Devesse¹, Astrid van Wieringen², Jan Wouters²
1) KU Leuven, Department of Neurosciences - ExpORL, Herestraat 49 bus 721 3000 Leuven, Belgium
‘Will hearing and vision enhancement improve outcomes for people with dementia?’
Iracema Leroi\textsuperscript{Unive}, Zoe Simkin\textsuperscript{Unive}, Emma Hooper\textsuperscript{Unive}, Anna Pavlina Charalambous\textsuperscript{Europ}, Chryssoula Thodi\textsuperscript{Europ}
1) University of Manchester 2) European University Cyprus

\textbf{Free Paper 17 - Hearing Aids}  
\textbf{Meeting Room 1, Friday 24\textsuperscript{th} May, 09:00-10:30}

ID: 03875
\textbf{Hearing aid processing strategies for listeners with different auditory profiles: Insights from the BEAR project}
Mengfan Wu\textsuperscript{1}, Raul Sanchez-Lopez\textsuperscript{2}, Mouhamad El-Haj-Ali\textsuperscript{1}, Silje Grini Nielsen\textsuperscript{2}, Michal Fereczkowski\textsuperscript{2}, Federica Bianchi\textsuperscript{2}, Torsten Dau\textsuperscript{2}, Sébastien Santurette\textsuperscript{2,3}, Tobias Neher\textsuperscript{1}
1) Institute of Clinical Research, University of Southern Denmark, Odense, Denmark
2) Hearing Systems Group, Dept. of Health Technology, Technical University of Denmark, Kgs. Lyngby, Denmark
3) Oticon A/S, Smørum, Denmark

ID: 03950
\textbf{Speech intelligibility and loudness perception in realistic auditory scenes with the trueLOUDNESS fitting method}
Florian Kramer\textsuperscript{1}, Dirk Oetting\textsuperscript{2}, Ania Warzybok\textsuperscript{1}, Marc René Schädler\textsuperscript{1}, Volker Hohmann\textsuperscript{1}
1) Department of Medical Physics and Acoustics and Cluster of Excellence "Hearing4all", Carl von Ossietzky University, Oldenburg, Germany
2) HöfTech gGmbH, Oldenburg, Germany

ID: 03964
\textbf{Towards a French language version of the Satisfaction with Amplification in Daily Life questionnaire (SADL)}
Mathieu Ferschneider\textsuperscript{1,2}, Alexane Hochart\textsuperscript{3,4}, Brieux Cazals\textsuperscript{3,4}, Nicolas Henriot\textsuperscript{3,4}, Annie Moulin\textsuperscript{1}
1) Lyon Neuroscience Research Center, Brain Dynamics and Cognition Team (DYCOG), Perception, Attention and Memory group (PAM), Inserm U1028, CNRS UMR 5292, University of Lyon, F-69000 Lyon, France,
2) Audition Conseil, Lyon, France,
3) Université C. Bernard Lyon 1, Lyon, France
4) Institut des Sciences et Technologies de Réadaptation (ISTR), University of Lyon, Lyon, France.

ID: 04079
\textbf{A study of better hearing rehabilitation in Denmark (the BEAR project)}
Dorte Hammershøi\textsuperscript{1}
1) Aalborg University

ID: 04088
\textbf{Investigation of the Hearing Aid User Satisfaction Levels and Performance in Noise Reprogrammed Based on Real Ear Measurement (REM)}
Gokce Gultekin\textsuperscript{1,2}, Zahra Polat\textsuperscript{1,2}, Ahmet Atas\textsuperscript{1,2}
1) Uskudar University Faculty of Health Sciences, Department of Audiology, Istanbul, Turkey
2) Istanbul University-Cerrahpasa, Faculty of Health Sciences Department of Audiology, Istanbul, Turkey
3) Istanbul University-Cerrahpasa, Medical Faculty, Department of Otolaryngology, Head and Neck Surgery, Istanbul, Turkey

ID: 04097
\textbf{Real ear unaided response (Reur) and real ear coupler difference (Recd) in patients with tympanic membrane perforations}
Audiology with two ears: Does binaural hearing influence the loudness mismatch between free-field and headphone presentation?

Florian Denk1, Michael Kohnen2, Josep Llorca Bofír1, Michael Vorländer2, Birger Kollmeier1
1) Medizinische Physik and Cluster of Excellence Hearing4all, University of Oldenburg, Germany
2) Institute of Technical Acoustics, RWTH Aachen University, Germany

Loudness matching to measure spectral and binaural loudness summation in bilateral hearing aid fittings.

Monique BoymansAcadem, Maarten van BeurdenAcadem, Dirk Oetting3, Hö, Birger Kollmeier4, Me, Wouter Dreschler5
1) Academic Medical Center, Department of Clinical & Experimental Audiology, Amsterdam, The Netherlands
2) Libra Rehabilitation & Audiology, Eindhoven, The Netherlands
3) HöR Tech gGmbH and Cluster of Excellence Hearing4all, Oldenburg, Germany
4) Medizinische Physik, Universität Oldenburg, Oldenburg, Germany

Measuring aided thresholds with active middle ear implants

Bernd Waldmann
1) Cochlear

Do ambient pressure changes impact coupling efficiency of a middle ear implant actuator?

U. A. Gamm1,2, H. Maier1
1) Dept Otolaryngology, Hannover Medical School, Hannover, Germany
2) Cochlear Ltd., Sydney, Australia

Actuator performance for different coupling configurations of the Cochlear™ Carina® active middle ear implant

U. A. Gamm1,2, H. Maier1
1) Dept Otolaryngology, Hannover Medical School, Hannover, Germany
2) Cochlear Ltd., Sydney, Australia

Intraoperative determination of the coupling efficiency of the middle ear implant Carina(R) by means of auditory evoked potentials

Mario Cebulla1, Rudolf Hagen1, Kristen Rak1, Ute Geiger1
1) Department of Otorhinolaryngology, Plastic, Aesthetic and Reconstructive Head and Neck Surgery, University of Würzburg, Germany

Sound source localization in patients with cochlear implant and hearing aid with harmonized temporal processing of sound signals

Josef Seenacher1, Patrick Zorowka1, Kurt Stephan1
1) Department for Hearing, Speech and Voice Disorders, Medical University of Innsbruck
Marker for Microstructure destruction of Cochlea with Slim Perimodiolar Cochlear Implant Electrode Array
Roland Nagy¹, János András Jarabín¹, Balázs Dimák¹, Ádám Perényi¹, Csanády Miklós¹, József Jóri¹, József Géza Kiss¹, László Rovó¹
1) Department of Oto-Rhino- Laryngology and Head- Neck Surgery, University of Szeged, Szeged, Hungary

ID: 04074
Case Report of the Change in In-situ Microphone Sensitivity of a Patient implanted with a Fully-Implantable Middle Ear Implant
D'hondt Christiane¹,³, Wouters Jan¹, Verhaert Nicolas¹,²
1) KU Leuven, University of Leuven, Department of Neurosciences, Research Group ExpORL, Leuven, Belgium
2) University Hospitals Leuven, Department of Otolaryngology, Head and Neck Surgery, Leuven, Belgium
3) Cochlear Technology Centre Belgium, Mechelen, Belgium

Free Paper 19 - Vestibular disorders, diagnosis and therapy II
Meeting Room 1, Friday 24th May, 17:30-19:00

ID: 03762
Skull Vibration-Induced Nystagmus Test (SVINT) a vestibular Weber
Solara Sinno¹,³, Kim Abouchacra²,³, Philippe Perrin¹,³, Georges Dumas⁴,³, Ghent University Hospital, Leuven, Belgium

ID: 03786
Feasibility of extensive vestibular assessment in young children: recommendations for clinical practice
Leen Maes¹,³, Ingeborg Dhooge¹,³, Cleo Dhondt¹,³, Ghent University Hospital

ID: 03788
Psychometric Properties of Dual-task Studies with the Aim of Developing a Test Protocol for Vestibular-Impaired Patients: a Systematic Review
Maya Danneels¹,³, Ruth Van Hecke¹,³, Hannah Keppler¹,³, Sofie Degée¹,³, Dirk Cambier¹,³, Raymond van de Berg¹,³, Vincent Van Rompaey¹,³, Leen Maes¹,³, Ghent University Hospital

ID: 03809
The Evaluation of Postural Stability with Wii-Fit Plus in Children with Specific Learning Disabilities
Mustafa KARABULUT¹, Banu BAS², Banu MUJCENGÖZ¹,², Antakya Yıldırım Beyazıt University

ID: 03829
Combined program of aerobic and strength exercise training Effects on Postural Control in Elderly
Paulo Carmo¹,², Adjane César², Rubim Santos¹, Joana Carvalho²
1) Escola Superior de Saúde do Politécnico do Porto 2) Faculdade de Desporto da Universidade do Porto
Combined program of aerobic and strength exercise training Effects on modified Clinical Test Sensory Interaction on Balance in Elderly
Paulo Carmo 1,2, Adjane César 2, Rubim Santos 1, Joana Carvalho 1
1) Escola Superior de Saúde do Politécnico do Porto
2) Faculdade de Desporto da Universidade do Porto

Vestibular function in children with congenital cytomegalovirus infection: Results of 2.5 years of follow-up
Cleo Dhondt 1, Leen Maes 1, Sarie Martens 1, Lotte Rombaut 1, Saartje Vanaudenaerde 1, Helen Van Hoecke 1, Els De Leenheer 1, Ingeborg Dhooge 1
1) Ghent University 2) Ghent University Hospital

The Effect Of The Changes In The Visual System On Balance In Strabismus Patients
Serpil Hülya Ahmet 1, Emin Karaman 1, Zahra Polat 1, Birsen Gökyiğit 1, Eyyup Kara 1, Sibel Ahmet 1, Ahmet Ataş 1
1) Bahcesehir University 2) Istanbul University- Cerrahpasa 3) Prof Dr N Res¸at Belger Beyoglu Education and Research Eye Hospital 4) Agri Sucatagli State Hospital

Balance assessment in children with vertigo
Katarzyna Iwanicka-Pronicka 1, Ewa Szczerbik 2, Małgorzata Kalinowska 2, Małgorzata Syczewska 2
1) 1-Department of Audiology and Phoniatrics, The Children’s Memorial Health Institute, Al Dzieci Polskich 20; 04-730 Warsaw, Poland
2) 2-Department of Rehabilitation, The Children’s Memorial Health Institute, Al Dzieci Polskich 20; 04-730 Warsaw, Poland

Axenfeld-Rieger syndrome: a rare cause of hearing loss.
Ana Sousa Menezes 1, Daniela Ribeiro 1, Ana Fernandes 1, Vanessa Machado 1, António Lima 1, Luis Dias 1
1) Hospital de Braga

Hearing Loss And Connective Tissue Disorders In Stickler Syndrome
Célia Alcobia Gomes 1
1) Instituto Politécnico de Coimbra, ESTeSC-Coimbra Health School, Portugal

Investigations on the genetic background of nonsyndromic hereditary hearing loss in cochlear implant patients in Hungary
József Géza Kiss 1, Attila Nagy 2, Dóra Török 2, Katalin Farkas 2, Nikoletta Nagy 2, Roland Nagy 1, Balázs Dimák 1, János András Jarabin 1, Mártta Szél 1, László Rovó 1
1) Department of Oto-Rhino- Laryngology and Head- Neck Surgery, University of Szeged, Szeged, Hungary
2) Department of Medical Genetics, University of Szeged, Szeged, Hungary
3) MTA-SZTE Dermatological Research Group, University of Szeged, Szeged, Hungary
4) Department of Medical Physics and Medical Informatics, University of Szeged, Szeged, Hungary

Nonsyndromic High Frequency Progressive Hearing Loss: A Family Case Report
Burak Kabış 1, Songül Aksoy 1
1) Department of Audiology in Hacettepe University

**Free Paper 21 - Other topics related to audiology I**  
Meeting Room 2, Friday 24th May, 11:00-12:30

**ID: 03887**  
**Otoprotective function of statins**  
Pattarawadee Prayuenyong¹²³, Anand V Kasbekar¹², David M Baguley¹²  
1) Hearing Sciences, Division of Clinical Neuroscience, School of Medicine, University of Nottingham, Nottingham UK  
2) NIHR Nottingham Biomedical Research Centre, Nottingham UK  
3) Department of Otorhinolaryngology Head and Neck Surgery, Faculty of Medicine, Prince of Songkla University, Songkhla, Thailand

**ID: 03939**  
**Examination of Wideband Tympanometry (WBT) Parameters in Individuals with Healthy Middle Ear.**  
Murat Şahin¹, Songül AKSOY¹  
1) Hacettepe University

**ID: 03965**  
**Experiences of initiating ear and hearing care services in a remote region of the Nepalese Himalayas**  
Sandra EisnerHda, Dorchi Nuppa BhoteNELHO  
1) Hilfe die ankommt (Hda, Austria) 2) Nepal Lhomi Society (NELHOS, Nepal)

**ID: 03985**  
**Ear disease and hearing loss in patients attending ear surgery outreach camps in western Nepal**  
Sandra EisnerINF, Michael C.F. SmithEAN, Eka Dev DevkotaINF  
1) International Nepal Fellowship (INF) 2) Ear Aid Nepal (EAN)

**ID: 03996**  
**Are we sure we are protecting our ears safely? Evaluation-study of Personal Hearing Protection and Verification Procedures.**  
Mark Laureyns¹², Inge Van Dyck², Romy Hidding², Kaat Vandervelden², Eveline Coppens²  
1) Amplifon Centre for Research & Studies, Milan, Italy 2) Thomas More University College - Audiology Departement, Antwerp, Belgium

**ID: 04039**  
**How professionals assess outcome in clinical hearing rehabilitation**  
Katja LundDepar, Dorte HammershøjDepar  
1) Department of Electronic Systems, Aalborg University

**ID: 04289**  
**Cholesterol metabolism pathway involved in the recovery of NIHL in miniature pig**  
Weiju Han¹, Na Sai¹, Weiwei Guo¹, Chaoying Tang¹, Tong Zhang¹, Linjun Chen¹  
1) Chinese PLA general hospital

**Free Paper 22 - Hearing Screening**  
Meeting Room 2, Friday 24th May, 15:30-17:00

**ID: 03759**  
**Hearing loss in infants with evidence of congenital Zika Virus infection**  
Janett M.F.¹, Paulo Cardoso Do Carmo P.²  
1) Hospital Dr. Agostinho Neto, Praia, Cabo Verde
2) Centro Hospitalar Do Tâmega E Sousa, E. P. E., Portugal

ID: 03771

Irish Childhood Hearing and Vision Screening outcomes and Cohort Comparison with Preschool Specialist Referrals
Theresa Pitt-Byrne Audio, Pauline Roche Publi

1) Wexford Community Audiology and Nursing Services

ID: 03794

Risk Factors for Hearing Loss in Children
Janett M.F. 1, Paulo Cardoso Do Carmo P. 2
1) Hospital Dr. Agostinho Neto, Praia, Cabo Verde
2) Centro Hospitalar Do Tâmega E Sousa, E. P. E., Portugal

ID: 03876

Universal Neonatal Hearing Screening: are we following the right path? How to improve it.
1) Hospital de Braga

ID: 03976

Metrics Reported From Neonatal Hearing Screening Programmes Across Europe
Allison Mackey 1, Andrea Bussé 2, Inger Uhlén 1, Hans Hoeve 2, André Goedegebure 2, Herbert Simonsz 3, EUSCREEN Foundation 4
1) CLINTEC, Division of ENT Diseases, Karolinska Institutet, Stockholm, Sweden
2) Dep. of ORL and Head and Neck Surgery, Erasmus Medical Centre, Rotterdam, the Netherlands
3) Dep. of Ophthalmology, Erasmus Medical Centre, Rotterdam, the Netherlands
4) The EUSCREEN foundation consists of the Country Representatives of the 41 countries in Europe

ID: 03977

Inventory of hearing screening programmes across Europe
Andrea Bussé 1, Allison Mackey 1, Hans Hoeve 2, André Goedegebure 2, Herbert Simonsz 3, EUSCREEN Foundation 4
1) CLINTEC, Dev. of ENT diseases, Karolinska Institutet, Stockholm, Sweden
2) Dep. of Ophthalmology, Erasmus Medical Centre, Rotterdam, the Netherlands
3) Dep. of Ophthalmology, Erasmus Medical Centre, Rotterdam, the Netherlands
4) The EUSCREEN foundation consists of the Country Representatives of the 41 countries in Europe

ID: 04054

Ten year experience of audiological screening in people with an intellectual disability: European data
Melina Willems 1,2, Leen Maes 3,4, Laura Leyssens 3, Gerlant van Berlaer 5, Bjoern Koehler 6, Luc Marks
1) Artevelde University of Applied Sciences, Audiology Department, Ghent, Belgium
2) Global Clinical Advisor Special Olympics Healthy Hearing Programme
3) Ghent University, Department of Rehabilitation Sciences, Ghent, Belgium
4) Ghent University Hospital, Ear Nose Throat Department, Ghent, Belgium
5) University Hospital Brussels, Department of Emergency Medicine, Brussels, Belgium
6) Special Olympics Europe/Eurasia, Brussels, Belgium
7) Oral Health in Special Needs, Ghent University Hospital, Ghent, Belgium

ID: 04112

Risk Indicators For Pediatric Hearing Loss: What We Found In 10 Years Of Universal Hearing Screening Program
Ana Catarina Santos 1, Ana Silva 1, Tânia Delgado 1, Joana Luis 1, Pedro Brazão 1, Maria Luísa
Monteiro¹
1) Hospital Lusíadas Lisboa

ID: 04123
**New tracking software and explanation of underlying functionality in Newborn Hearing Screening**
Peter Böttcher¹, Orieta Palacios², Peter Matulat³
1) PATH MEDICAL GmbH
2) Hospital Dr. Sotero del Río, Santiago de Chile
3) Department for Phoniatrics and Pedaudiology, University Hospital of Münster

ID: 04128
**Universal Neonatal Hearing Screening: A tool of social (in)justice?**
Ana Jardim¹, Diogo Ribeiro¹, Luisa Monteiro², José Saraiva³
1) CUF Descobertas Otorhinolaryngology Department
2) University Clínical Center of Otorhinolaryngology of Hospital CUF Infante Santo
3) NOVA Medical School, Universidade Nova de Lisboa
4) Lusiadas Hospital Otorhinolaryngology Department

**Free Paper 23 - Otoacoustics emissions and Screening**
Meeting Room 2, Friday 24th May, 17:30-19:00

ID: 03842
**Development of new screening taste test**
Henryk Skarzynski¹, Marcin Wojciechowski¹, Bartłomiej Krol¹, Piotr Henryk Skarzynski¹,²,³
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Kajetany / Warsaw, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03843
**Development of new screening smell test**
Henryk Skarzynski¹, Marcin Wojciechowski¹, Bartłomiej Krol¹, Piotr Henryk Skarzynski¹,²,³
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03886
**Otoacoustic emissions and cochlear microphonic = a non-invasive measurement of intracranial or intralabyrinthine pressure changes**
Fabrice GIRAUDET¹, Paul AVAN¹
1) Laboratory of Neurosensory Biophysics, UMR INSERM 1107, School of Medecine, University Clermont Auvergne, Clermont-Ferrand, France

ID: 03920
**Influence of Auditory Selective Attention on Cochlear Responses in Humans.**
Annie Moulin¹, Marina Cappai¹, Marta Partyka¹, Nicolas André¹, Patrick Bouchet¹, Aurélie Bidet-Caulet¹
1) Lyon Neuroscience Research Center, Brain Dynamics and Cognition Team (DYCOG), Perception, Attention and Memory group (PAM), Inserm U1028, CNRS UMR 5292, University of Lyon, F-69000 Lyon, France

ID: 04001
**New aproach in avaliation of endolymphatic hydrops**
Andreia Rodrigues¹, Raul Pacheco²
1) Hospital da Luz Arrábida 2) Hospital da Misericórdia de Vila Verde

Free Paper 24 - Screening
Main Auditorium, Saturday 25th May, 11:00-12:30

ID: 03769
Sarie Martens\textsuperscript{1}, Ingeborg Dhondt\textsuperscript{2,3}, Cleo Dhondt\textsuperscript{1}, Marieke Sucaet\textsuperscript{1}, Saartje Vanaudenaerde\textsuperscript{2}, Lotte Rombaut\textsuperscript{2}, Leen Maes\textsuperscript{1,2}
1) Faculty of Medicine and Health Sciences, Department of Rehabilitation Sciences, Ghent University, Ghent, Belgium
2) Department of Oto-rhino-laryngology, Ghent University Hospital, Ghent, Belgium
3) Faculty of Medicine and Health Sciences, Department of Head and Skin, Ghent University, Ghent, Belgium

ID: 03770
Leen Maes\textsuperscript{Ghent}, Sarie Martens\textsuperscript{Ghent}, Cleo Dhondt\textsuperscript{Ghent}, Marieke Sucaet\textsuperscript{Ghent}, Saartje Vanaudenaerde\textsuperscript{Ghent}, Lotte Rombaut\textsuperscript{Ghent}, Ingeborg Dhondt\textsuperscript{Ghent}
1) Ghent University
2) Ghent University Hospital

ID: 03844
First Polish screening questionnaire of vestibular symptoms
Piotr Henryk Skarzynski\textsuperscript{1,2,3}, Grazyna Tacikowska\textsuperscript{1}, Magdalena Sosna\textsuperscript{1}, Katarzyna Pietrasik\textsuperscript{1}, Marcin Wojciechowski\textsuperscript{1}, Anna Ratusznia\textsuperscript{1}
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03845
Capsule of sense examination – new device for screening test of sensory organs
Henryk Skarzynski\textsuperscript{1}, Marcin Wojciechowski\textsuperscript{1}, Piotr Henryk Skarzynski\textsuperscript{1,2,3}
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03858
The essence of implementing screening programs - 20 years of experience
Piotr Henryk Skarzynski\textsuperscript{1,2,3}, Krzysztof Kochanek\textsuperscript{1}, Weronika Swierniak\textsuperscript{1}, Justyna Kutyba\textsuperscript{1}, Katarzyna Cywka\textsuperscript{1}, Henryk Skarzynski\textsuperscript{1}
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03865
16 years of the Polish Universal Neonatal Hearing Screening Program
Anna Gasińska\textsuperscript{1}, Grazyna Grzeczk\textsuperscript{1}, Piotr Dąbrowski\textsuperscript{1}, Małgorzata Wierzbicka\textsuperscript{1}, Witold Szyfter\textsuperscript{1}
1) Department of Otolaryngology and Oncological Laryngology, University of Medical Sciences, Poznań, Poland

ID: 03866
Automated auditory brainstem response - pilot screening program in selected NICU units in Poland
Grazyna Grzeczk\textsuperscript{1}, Katarzyna Wróblewska-Seniuk\textsuperscript{2}, Beata Tomczyk\textsuperscript{3}, Ilona Korczak\textsuperscript{4}, Piotr
Dąbrowski¹, Monika Zych¹, Witold Szyfter¹
1) Department of Otolaryngology and Oncological Laryngology, Poznan University of Medical Sciences, Poland
2) Department of Newborns’ Infectious Diseases, Poznan University of Medical Sciences, Poland
3) Department of Newborns, Pathology and Intensive Care, SPS ZOZ Zdroje, Szczecin, Poland
4) Department of Gynecology Obstetrics and Neonatology, Wroclaw Medical University, Poland

ID: 03937
Hearing screening with the Digits-in-Noise: Stages of change and effect of decision support on uptake of intervention
Karina De Sousa¹, Danielle Schörnborn¹, David Moore², De Wet Swanepoel³
1) University of Pretoria

ID: 03978
Intelligent games in audiological rehabilitation: the Pirates game
Astrid van Wieringen⁴, Sara Magits⁵, Sam Denys⁶, Tom Francart⁷, Jan Wouters⁸
1) KU leuven

Free Paper 25 - Speech understanding
Small Auditorium, Saturday 25th May, 09:00-10:30

ID: 03782
Validation of the Polish Sentence Matrix test: sensitivity, specificity, and discrimination accuracy in different masking conditions
Anna Pastusiak⁹, Jędrzej Kocinski⁹, Anna Warzybok⁹
1) Institute of Acoustics, Adam Mickiewicz University, Poznan, Poland
2) Medizinische Physik and Cluster of Excellence Hearing4all, CvO Universität, Oldenburg, Germany

ID: 03795
Detecting supra-threshold deficits with easy-to-use speech-in-noise tests
Jaap Blok, Cas Smits, Theo Goverts
1) Amsterdam UMC, Vrije Universiteit Amsterdam, Department of Otolaryngology/Head and Neck Surgery, Ear and Hearing, de Boelelaan 1117, Amsterdam, The Netherlands

ID: 03881
Open-set word lists development, using acoustic, psycholinguistics and psychometric factors.
Annie Moulin¹, Nicolas Fourcaud-Trocmé²
1) Lyon Neuroscience Research Center, DYCOG/PAM team, CNRS UMR5292, INSERM U1028, Lyon, F-69000, France
2) Lyon Neuroscience Research Center, CMO team, CNRS UMR5292, INSERM U1028, Lyon, F-69000, France

ID: 03888
Comparison of three calibration procedures for free field reference speech audiometry
Mieke Janssens-bij de Vaate, Koenraad S. Rhebergen
1) UMC Utrecht

ID: 03897
Determination of the spectral resolution in patients after cochlear implantation
Marina Goykhburg¹, Vigen Bakhshinyan¹, Dmitry Nechaev², Alexander Supin², George Tavartkiladze³
1) National Research Centre for Audiology and Hearing Rehabilitation 2) Institute of Ecology and Evolution
Auditory profiling as a tool for characterizing individual hearing deficits: Data-driven analysis of the results of the BEAR Test Battery.
1) Hearing Systems Section, Dept. of Health Technology, Technical University of Denmark, Kgs. Lyngby, Denmark
2) Institute of Clinical Research, Faculty of Health Sciences, University of Southern Denmark, Odense, Denmark
3) Oticon A/S, Smørum, Denmark

Noise reduction algorithm ForwardFocus– audiometric test results
Matthias Hey, Thomas Hocke, Britta Böhnke.
1) ENT Clinic, Christian-Albrechts-University of Kiel, Kiel, Germany
2) Cochlear, Hannover, Germany

Validation of the Turkish Matrix Sentence Test in Noise
Meral Türkyılmaz, Bünayın Çıldır, Mehmet Yaral, Gonca Sennaroğlu, Kamil Adiloğlu, Anna Warzybob, Birger Kollmeier.
1) Hacettepe University
2) HörTech gGmbH and Cluster of Excellence "Hearing4all"
3) Medical Physics, Department for Medical Physics and Acoustics, University of Oldenburg & Cluster of Excellence "Hearing4all"
4) Hörzentrum Oldenburg GmbH & Cluster of Excellence "Hearing4all"

Construction and validation process of a Hungarian speech recognition test
Rebeka Schulcz, Ádám Enreiter, Roland Nagy, Balázs Dimák, László Rovó, József Géza Kiss.
1) University of Szeged, Department of Oto-Rhino- Laryngology and Head- Neck Surgery
2) Mediszintech Audiológia Kft.

Speech Discrimination in Noise: Auditory Implants Evaluation Protocol
Mafalda Bento, Cristina Miranda, Susana Oliveira, Maria Conceição Peixoto, Victor Correia da Silva.
1) CUF Porto Hospital

Free Paper 26 - Vestibular disorders, diagnosis and therapy III
Small Auditorium, Saturday 25th May, 11:00-12:30

The Infra-Red Utilization In Therapy Of Meniere Disease
Elio Pagliarulo.
1) S.Francesco Clinic, Department of Otolaryngology, Galatina, Lecce, Italy

Vestibular Rehabilitation and Table Tennis Exercises Might Improve Balance Function Even in Normal Population
Kerem Ersin, İlküner Yasak, Cem Yeral, Ahmet Öztürk, M. Bülent Şerbetçioğlu.
1) Istanbul Medipol University

Dynamic Posturography Rehabilitation Results of A Patient with Bilateral Vestibular...
**Loss: A Case Report**  
Emre Gürses\textsuperscript{1}, Öznuğ Yiğit\textsuperscript{1}, Songül Aksoy\textsuperscript{1}  
1) Hacettepe University  

**Vestibular rehabilitation in patients after vestibular schwannoma treatment**  
Tânia Delgado\textsuperscript{1}, Joana Luís\textsuperscript{1}, Ana Catarina Santos\textsuperscript{1}, Mª Conceição Monteiro\textsuperscript{1}  
1) Hospital Lusíadas Lisboa, Portugal  

**Evaluation Of Masseteric Vestibular Evoked Myogenic Potential (Mvemp) Result In Peripheral Vestibulopathy Disease**  
Meliha Basoz\textsuperscript{1}, Ozlem Konukseven\textsuperscript{1}  
1) Istanbul Aydın University Health Sciences Institute Audiology Department  

**Evaluation of the Effectiveness of Vestibulospinal Tests in Unilateral Vestibulopathy: A Preliminary Study**  
Emre Gürses\textsuperscript{1}, Esma Akış\textsuperscript{1}, Songül Aksoy\textsuperscript{1}  
1) Hacettepe University Department of Audiology  

**Evaluation Of Hearing And Balance System In Childhood With Chronic Renal Failure**  
Ümit Can Çetinkaya\textsuperscript{1}, Hüsnü Kayıkçı\textsuperscript{1}, Merve Meral\textsuperscript{1}, Ahsen Kartal\textsuperscript{1}, Büşra Uludağ\textsuperscript{1}, İnci Adalı\textsuperscript{1}, Ozlem Konukseven\textsuperscript{1}  
1) Department of Audiology, Faculty of Health Sciences, Istanbul Aydin University  

**Assessment of V HIT and VNG Findings in Whirling Dervishes**  
Oznur Şaman\textsuperscript{1}, Ozlem Konukseven\textsuperscript{1}  
1) Istanbul Aydin University  

**Hearing loss in subjects after meningitis**  
Janett M.F.\textsuperscript{1}, Paulo Cardoso Do Carmo, P.\textsuperscript{2}  
1) Hospital Dr. Agostinho Neto, Praia, Cabo Verde  
2) Centro Hospitalar Do Tâmega E Sousa, E. P. E., Portugal  

**Hyperbaric oxygen therapy as a salvage treatment of sudden sensorineural hearing loss**  
Jakov Ajduk\textsuperscript{1}, Robert Trotic\textsuperscript{1}, Mihael Ries\textsuperscript{1}, Andro Kosec\textsuperscript{1}, Iva Kelava\textsuperscript{1}  
1) Department of ENT and Head and Neck Surgery, Sestre Milosrdnice University Hospital Centre, Zagreb, Croatia  

**A Case Report Of Deterioration Of Hearing After Hyperbaric Oxygen Therapy For Sudden Deafness**  
Ioannis Bardanis\textsuperscript{1}, Konstantinos Panagiotidis\textsuperscript{1}  
1) General Hospital of Ikaria, Greece  

**The ototoxic potential of cobalt from metal-on-metal (MoM) hip implants: Objective auditory and vestibular outcome.**  
Laura Leyssens\textsuperscript{1}, Bart Vinck\textsuperscript{1}, Catherine Van Der Straeten\textsuperscript{1}, Koen De Smet\textsuperscript{1, ANCA}, Ingeborg Dhooge\textsuperscript{1}, Floris L Wuyts\textsuperscript{1}, Hannah Keppler\textsuperscript{1}, Sofie Degeest\textsuperscript{1}, Rebecca
14th EFAS Congress
European Federation of Audiology Societies
Lisbon - Portugal 22nd to 25th May 2019

LimUnive , Maes LeenUnive
1) University of Ghent (Belgium)
2) University of Pretoria (South Africa)
3) ANCA medical center (Belgium)
4) University of Antwerp (Belgium)
5) University of Newcastle (Australia)

ID: 03853
Mastoid cavity obliteration with bioactive glass – a preliminary study
Piotr Henryk Skarzynski1,2,3, Bartlomiej Krol1, Marek Porowski1, Henryk Skarzynski1
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03855
Audiometric results after stapedotomy with titanium prosthesis
Henryk Skarzynski1, Bartlomiej Krol1, Piotr Henryk Skarzynski1,2,3
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw / Kajetany, Poland
2) Institute of Sensory Organs, Warsaw / Kajetany, Poland
3) Heart Failure and Cardiac Rehabilitation Department of the Medical University of Warsaw, Poland

ID: 03868
Effects of treatment of acoustic accidents with N-Acetyl-L-cysteine (NAC)
Ulf RosenhallAudio, Per MuhrAudio, Bjorn SkoogArmed
1) University of Gothenburg

ID: 03885
Treatment options in otosclerosis
Thomas Rasse1, Thomas Keintzel1, Niederwanger Lisa1, Müller Sophie1
1) ENT departement Klinikum Wels-Grieskirchen, Austria

Free Paper 28 - Tinnitus
Meeting Room 2, Saturday 25th May, 09:00-10:30

ID: 03773
Transcana
tl sound recordings as a screening tool in the clinical management of patients with pulsatile tinnitus.
S.W.J. Ubbink1, R Hofman1, P van Dijk1,2, J.M.C. van Dijk3
1) Department of Ototorhinolaryngology/Head and Neck Surgery, University Medical Center Groningen, The Netherlands
2) Graduate School of Medical Sciences (Research School Behavioral Cognitive Neuroscience), University Medical Center Groningen, The Netherlands
3) Department of Neurosurgery, University Medical Center Groningen, The Netherlands

ID: 04040
Cortical Responses In Subjective Tinnitus Patients
Duygu Hayir1, Zahra Polat1, Ahmet Ataş1
1) Department of Audiology, Faculty of Health Sciences, Istanbul University-Cerrahpaşa, Istanbul, Turkey
2) Department of Otolaryngology, Cerrahpaşa Medical Faculty, Istanbul University-Cerrahpaşa, Istanbul, Turkey

ID: 04052
Investigation of Mismatch Negativity Results Using Multi Feature Paradigm of Individuals with Subjective Tinnitus
Eser Sendesen, didem türkylimaz, nurhan erbil
Prevalence and Severity of Tinnitus in a Representative Sample of 70 Year Olds
Maria Hoff¹², Tomas Tengstrand², André Sadeghi¹², Ingmar Skoog³, Ulf Rosenhall¹²
1) Division of Audiology, Department of Health and Rehabilitation, Institute of Neuroscience and Physiology, University of Gothenburg, Sweden
2) Audiology Department, Habilitation and Health, Region Västra Götaland, Sweden
3) EPINEP Research Group, AgeCap Centre, Department of Psychiatry and Neurochemistry, Institute of Neuroscience and Physiology, University of Gothenburg, Sweden

ID: 04290
Hidden hearing loss (HHL) is a neglected cause of Tinnitus
Weidong Shen¹
1) Chinese PLA General Hospital

Free Paper 29 - The smartphone revolution in audiology
Meeting Room 2, Saturday 25th May, 11:00-12:30

ID: 03812
Should we “swipe right” on app-based patient-provider communication?
Elizabeth Convery¹, Margot McLelland¹, Gitte Keidser¹, Jennifer Groth²
1) Department of Audiology, National Acoustic Laboratories, Australia 2) GN ReSound, United States

ID: 03955
A Pilot Study Evaluating Recipient Experience and Clinical Impact with Cochlear’s™ Remote Check technology
Unai Martinez de Estibariz¹, Kerri Millward¹, Deborah Mawman¹, Martin O'Driscoll¹
1) Manchester University NHS Foundation Trust

ID: 04060
Investigation of Changes in Static Balance Parameters During Using of Smartphone
Emre Orhan¹, Büşra Altın¹, Songül Aksoy¹
1) Gazi University
2) Hacettepe University
POSTER DISCUSSION

Poster Discussion 01
Meeting Room 1, Thursday 23rd May, 11:00-12:30

ID: 03760 - P001
**Functional Head impulse test (f HIT test) with Acute vestibular syndrome (AVS)**
Pusara Z.¹, Pejic, Z., Cvijic, M.

1) Hospital Gradiska ORL department, Public health institution, Hospital of Gradiška, Republic of Srpska.

ID: 03819 - P002
**Relationships between postural stability in young people following late cochlear implantation (CI) and selected clinical and environmental factors**
Anna Żwierzchowska, Aleksandra Żebrowska, Grzegorz Juras, Agata Kruzyńska
1) The Jerzy Kukuczka Academy Physical Education

ID: 03832 - P003
**Life quality in patients with vertigo**
Darija Birtic¹, Lana Kovac Bilic², Robert Trolic²
1) University Hospital Center Osijek, Department of Otorhinolaryngology and Head and Neck Surgery
2) University Hospital Center Zagreb, Department of Otorhinolaryngology and Head and Neck Surgery
3) University Hospital Center Sestre Milosrdnice, Department of Otorhinolaryngology and Head and Neck Surgery

ID: 03848 - P004
**Translation and adaption of the scale The Pediatric Vestibular Symptom Questionnaire into European Portuguese**
Bárbara Carvalho¹, Margarida Serrano²
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiology, Portugal
2) Hospital dos Lusíadas, Lisboa, Portugal

ID: 03869 - P005
**Vestibular Dysfunctions: Comparison between patients with head and neck tumors and a control group**
Ana Rita Nobre¹, Carla Silva², Júlia Guimarães², Tânia Martins²
1) Otorhinolaryngology Service, Portuguese Oncology Institute of Coimbra Francisco Gentil, Portugal
2) Instituto Politécnico de Coimbra, ESTESC – Coimbra Health School, Audiology, Portugal

ID: 03894 - P006
**Epley maneuver versus Semont maneuver for the treatment of benign paroxysmal positional vertigo: how different are they really?**
Nikolaos Chatzakis¹, Dionisios Klonaris¹, Maria Doulatpsi¹, Stylianos Velegrakis¹, Ioannis Vlastos¹, Emmanuel Prokopakis¹
1) Department of Otorhinolaryngology - Head and Neck Surgery, University of Crete School of Medicine, Heraklion, Crete, Greece
2) Private Service
Profiling the dizzy patient in an Emergency Department
Dionisios Klonaris1, Kalliopi Gkatzoudi2, Ioanna Tsiligianni2, Nikolaos Chatzakis1, Stylianos Velegakis1, Athanasia Milioni1, Emmanuel Prokopakis1
1) Department of Otorhinolaryngology - Head and Neck Surgery, University of Crete School of Medicine, Heraklion, Crete, Greece
2) Clinic of Social and Family Medicine, University of Crete School of Medicine, Heraklion, Crete, Greece

Vestibular rehabilitation after cochlear implantation
Maria Araújo1,2, Luis Rama2,3, António Paiva4
1) Department of Audiology, Coimbra Health School - Polytechnic Institute of Coimbra
2) Faculty of Sports Science & Physical Education, University of Coimbra
3) Research Center for Sport & Physical Activity
4) Hospital and University Center of Coimbra

Vestibular Implants: Solution for the Increase of the Vestibulo-Ocular Reflex?
Mariana Gomes1, Maria Inês Araújo1, Cristina Nazaré1
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiology, Portugal

Binaural Speech Processing, Temporal Resolution And Reported Hearing Difficulties In Genetically Confirmed Friedreich's Ataxia Patients
Nehzat Koohi1,2, Paola Giunti3,4, Gilbert Thomas-Black3,4, Doris-Eva Bamiou1,2
1) The Ear institute, University College London
2) Neuro-otology Department, University College London Hospitals
3) Department of Clinical and Movement Neurosciences, Institute of Neurology, University College London
4) Ataxia Centre, National Hospital for Neurology and Neurosurgery

Experience with the N7-system (CP1000 speech processor)
H. Bagus, M.Kempkens, N. Partner, M. Seidel
1) Bagus GmbH & Co. KG, CIC Ruhr, Essen, Germany

Role Of Long-Term Vestibular Rehabilitation In a Patient With Posterior Fossa Tumor – A Case Report With A 2-Year of Follow-Up
Oğuz Yılmaz1, Yuşa Başoğlu1, İlayda Çelik1, Mustafa Bülent Şerbetçioğlu1
1) İstanbul Medipol University

Validation of the Polish version of the Dizziness Handicap Inventory
Ewa Zamysłowska-Szmytkiewicz1, Sylwia Szostak-Rogula2, Mariola Sliwinska-Kowalska2
1) Nofer Institute of Occupational Medicine, Lodz, Poland

Clinical use of the Dizziness Handicap Inventory
Mariola Sliwinska-Kowalska1
1) Nofer Institute of Occupational Medicine, Lodz, Poland

Evaluation Of Hearing Screening Results In Individuals Exposed To Occupational Noise
Sude Kaymakçı1, İrem Cavide Erol1, Melek Kekül1, Kübra Akdemir1, Mustafa Bülent Şerbetçioğlu1
1) İstanbul Medipol University
UK first experience with Cochlear's Smart Bimodal Solution: Nucleus 7 and Enzo 3D
John Smith, Jane Humphries
1) John Radcliffe Hospital Audiology Department

Paresis n. facial as a result of otological complication -Case report
Maja Jovanovic, Miroljub Todorovic, Vladimir R. Pavicevic, Aleksandra Lakovic-Tatar
1) RH ``Danilo I``

Auditory Processing Disorder in a patient with a large Cerebellopontine angle (CPA) meningioma
Nehzat Koohi, Sandra Hogg, Claudia Goncalves, Chung Chan
1) Neuro-otology Department, University College London Hospitals
2) The Ear Institute, University College London

10-year results of the implementation of comprehensive program for medical and pedagogical rehabilitation of children with hearing impairment in Moscow
Andrei Kriukov, Alexey Ivoylov, Alexander Gurov, Natalia Kunelskaia
1) The Sverzhevskiy Otorhinolaryngology Healthcare Research Institute

Hearing potential in children with various forms of chronic suppurative otitis media
ANDREI Kriukov, NATALIA Kunelskaya, ALEXEY Ivoylov, ALEXANDER Gurov, GALINA Izotova
1) The Sverzhevskiy Otorhinolaryngology Healthcare Research Institute,Moscow,Russia
2) Pirogov Russian National Research Medical University,Russia

Assessment of hearing in newborns and infants with congenital cytomegalovirus disease
Andrei Kriukov, Natalia Kunelskaya, Alexey Ivoylov, Galina Izotova, A.G. Kisina, Z.N. Morozova
1) The Sverzhevskiy Otorhinolaryngology Healthcare Institute, Moscow, Russia
2) Pirogov Russian National Research Medical University (RNRMU), Russia

A first exploration of the treatment options for people with an acquired brain injury with complaints of hyperacusis
Saartje Vanaudenaerde, Celine Bernaerd, Emily Delure, Mary van der Heijden
1) University college VIVES, department of Health Sciences, Speech Therapy & Audiology, Bruges, Belgium
2) Libra Revalidation & Audiology, Audiological Centre Eindhoven, the Netherlands

Congenital Syndrome of Zika Virus and auditory evaluation – case study
Milaine Sanfins
Instituto de Pesquisa Professor Joaquim Amorim Neto (IPESQ) – Campina Grande, Brazil
Centro de Eletrofisiologia e Neuroaudiologia Avançada, São Paulo, Brazil

Hearing thresholds in small children with cleft palate
Birgitta Tengroth¹,³, Anette Lohmander², Christina Hederstierna¹,³
1) Department of Audiology and Neurotology, Karolinska University Hospital, 171 76 Stockholm, Sweden
2) Division of Speech and Language Pathology, Department of Clinical Science, Intervention and Technology Karolinska Institute, Stockholm, Sweden
3) Division of ENT, Department of Clinical Science, Intervention and Technology Karolinska Institute, Stockholm, Sweden

ID: 03841 - P090
Lithuanian speech audiometry test: the development of bisyllabic phonemically balanced word lists
Vija Vainutiene¹, Eugenijus Lesinskas¹, Vytautas Kardelis²
1) Department of Ear, Nose and Throat diseases, Vilnius University Hospital Santaros Klinikos, Lithuania
2) Department of Lithuanian language, Faculty of Philology, Vilnius University, Lithuania

ID: 03850 - P045
Translation and adaptation of the scale The Parents' Evaluation of Aural / Oral Performance of Children (PEACH) into European Portuguese
Mafalda FaroInsti, Rui MarquesInsti, Margarida SerranoInsti
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiologia, Portugal

ID: 03851 - P091
A comparison of ASSR and pure tone thresholds in infants with unilateral hearing loss
Ann JohanssonKarol, Christina HederstiernaKarol, Birgitta TengrothKarol
1) Karolinska University Hospital

ID: 03873 - P092
Clinical ENT and Audiologic Findings In Neuroborreliosis
Alen SekeljENT D, Antoneta GudeljENT D, Ivana Pajic-MaticENT D, Karolina VeselskiENT D
1) ENT Department, General Hospital „Dr. Josip Bencevic”, Slavonski Brod, Faculty of Medicine in Osijek, Croatia

ID: 03880 - P093
A Unilateral Speech Perception Deficit Specific to Cocktail Party Noise after a Right Temporal Venous Infarct. A Case Study
Annie Moulin², Julie Bourgeois-Vionnet¹, Marc Hermier⁴, Agathe Pralus¹,²,⁵, Barbara Tillmann², Norbert Nighoghossian²,³, Anne Caclin¹,²
1) Lyon Neuroscience Research Center, DYCOG/PAM team, CNRS UMR5292, INSERM U1028, Lyon, F-69000, France
2) Lyon 1 University, Lyon, France
3) Stroke Department, Neurological Hospital, Hospices Civils de Lyon, Bron, France
4) Neuroradiology Department, Neurological Hospital, Hospices Civils de Lyon, Bron, France
5) Lyon Neuroscience Research Center, CAP team, CNRS UMR5292, INSERM U1028, Lyon, F-69000, France

ID: 03891 - P094
Prevalence of Sensorineural Hearing Loss on Screening in Preschool Children - A 10 year Experience
Sofia FonsecaInsti, Cláudia ReisInsti, Conceição MonteiroHospi, Luísa MonteiroHospi, Margarida SerranoInsti
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiologia, Portugal
2) Hospital dos Lusíadas, Lisboa, Portugal

ID: 03909 - P095
Contextual effects of auditory information on the localization of visual moving stimuli
Cristina Nazaré¹,², Armando Oliveira²
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiologia, Portugal
2) Institute of Cognitive Psychology, University of Coimbra, Coimbra, Portugal

ID: 03911 - P046
**Effect of bilirubin level on Auditory Brainstem Responses in Newborns: A case study**
Emre Orhan\textsuperscript{Depar}, Bülent Gündüz\textsuperscript{Depar}
Department of Audiology, Gazi University, Turkey

ID: 03918 - P089
**Influence of design principles of word lists on speech in noise discrimination scores in a population of hearing-aid wearers**
Mathieu Ferschneider\textsuperscript{Kust}, Stéphane Gallego\textsuperscript{Ins}, Annie Moulin\textsuperscript{Lyon}
1) Audition Conseil, Lyon, France, 2) Lyon Neuroscience Research Center, Brain Dynamics and Cognition Team (DYCOG), Perception, Attention and Memory group (PAM), Inserm U1028, CNRS UMR 5292, University of Lyon, F-69000 Lyon, France, 3) Université C. Bernard Lyon 1, Lyon, France, 4) Institut des Sciences et Technologies de Réadaptation (ISTR), University of Lyon, Lyon, France.

ID: 03949 - P047
**Quality of life of schoolchildren who use hearing aids**
Angela Leusin Mattiazzi\textsuperscript{Feder}, Renata Machado\textsuperscript{Feder}, Laiža Chagas\textsuperscript{Feder}, Eduarda Pazini\textsuperscript{Feder}, Themis Kessler\textsuperscript{Feder}, Eliana Pinto Vieira Biaggio\textsuperscript{Feder}
1) Postgraduate Program in Human Communication Disorders, Federal University of Santa Maria, Brazil

ID: 04026 - P048
**DANPE - Progressive sensorineural hearing loss in children: results from a project of international cooperation**
Sirley CARVALHO\textsuperscript{1}, Fabrice GIRAUDET\textsuperscript{2}, Luciana M RESENDE\textsuperscript{1}, Denise U GONÇALVES\textsuperscript{1}, Ana C C GAMA\textsuperscript{1}, Amélia A L FRICHE\textsuperscript{1}, Stela M A LEMOS\textsuperscript{1}, Erika PRLATO-OLIVEIRA\textsuperscript{3, 4}, Lorena G BICALHO\textsuperscript{3}, Ana L F REZENDE\textsuperscript{3}, Ludmila LABANCA\textsuperscript{3}, Paul AVAN\textsuperscript{2}
1) Posgraduation Program of Phonoaudiology, Universidade Federal de Minas Gerais (UFMG), Belo Horizonte, MG, Brazil
2) Laboratory of Neurosensory Biophysics, UMR INSERM 1107, School of Medicine, University Clermont Auvergne, Clermont-Ferrand, France
3) Postgraduation Program of Pediatric, Universidade Federal de Minas Gerais (UFMG), Belo Horizonte, MG, Brazil
4) Université Paris Diderot, Paris, France

ID: 04062 - P096
**Aging, Cognitive Decline and Hearing Loss**
Tatiana Marques\textsuperscript{Ins}, Ana Carvalho\textsuperscript{Ins}, Carolina Fernandes\textsuperscript{Ouv}
1) 1 Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiologia, Portugal
2) 2 OuviSonus

**Poster Discussion 03**
Main Auditorium, Thursday 23\textsuperscript{rd} May, 14:30-15:30

ID: 03808 - P017
**Electrode Impedance Values And Postoperative Performances In Children With Cochlear Implants**
Faris BRKIC\textsuperscript{Depar}, Sekib UMIHANIC\textsuperscript{Depar}, Lejla PIRIC\textsuperscript{Depar}, Alen HARCINOVIC\textsuperscript{Depar}, Fuad BRKIC\textsuperscript{Depar}
1) Department of Otorhinolaryngology, Head and Neck Surgery, Medical University of Vienna, Vienna, Austria
2) Department of Otorhinolaryngology, University clinical center Tuzla, Tuzla, Bosnia and Herzegovina
ID: 03837 - P018
Treatment of deafness with the use of cochlear implants in children with severe heart defects after cardiac surgery
M. Smiechura, M. Struzycka, W. Konopka
1) Department of Otolaryngology, Polish Mother’s Memorial Hospital Research Institute, Lodz, Poland
2) Department of Paediatric Didactics, Medical University in Lodz, Poland

ID: 03871 - P019
The Absence Of Intraoperative Neural Response During Cochlear Implantation: Doubtful Cases
Luís Castelhano, Rita Sousa, Carla Gonçalves, Ricardo Santos, Luís Reis, Assunção O'Neill, Pedro Escada
1) Reference Center for Cochlear Implants - Department of Otolaryngology, Egas Moniz University Hospital, Lisbon, Portugal & NOVA Medical School, Lisbon, Portugal
2) Auditory Implants Audiologist, Widex

ID: 03904 - P020
Assessment Of Music Perception Abilities For Pediatric Cochlear Implant Users And Normal Hearing Children
Eugenijus Lesinskas, Donata Vaitkūnaitė, Vija Vainutienė, Jekaterina Byčkova
1) Vilnius University Hospital Santaros Clinics, Department of ENT
2) Faculty of Medicine, Vilnius University
3) Children's Hospital, Affiliate of Vilnius University Hospital Santaros Clinics

ID: 03914 - P021
Electrode impedance changes in cochlear implant users
M. Zadrozniak, M. Szymanski
1) Department and Clinic of Otolaryngology and Laryngological Oncology of Medical University of Lublin, Poland

ID: 03916 - P022
Benefits after cochlear implantation – results from an observational study
J. Klatka, M. Zadrozniak, M. Szymanski
1) Medical University of Lublin, Department of Otolaryngology and Laryngological Oncology, Lublin, Poland

ID: 03922 - P023
Patients life quality after cochlear implantation
Katarzyna Przytuła-Kandzia, Lucyna Klimczak-Gołąb, Jarosław Markowski
1) Department of Laryngology, SPSKM Katowice, Medical University of Silesia, Katowice, Poland

ID: 03971 - P024
Effects of the cochlear implantation on saccule and utricle function
Maria Araújo, Luis Rama, Antonio Paiva
1) Department of Audiology, Coimbra Health School - Polytechnic Institute of Coimbra
2) Faculty of Sports Science & Physical Education, University of Coimbra
3) Research Center for Sport & Physical Activity
4) Hospital and University Center of Coimbra

ID: 04014 - P026
Coffee Effects on the Auditory System
C. Almeida, C. Nazaré
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiologia, Portugal

ID: 04136 - P029
Application of new virtual reality tools in rehabilitation of balance instability and vestibular dysfunction
Realization of International Healthy Hearing Program in Poland – Hearing screening evaluation in participants of Special Olympics with intellectual disability (ID)

Katarzyna Starska-Kowarska\textsuperscript{1,Dep}, Katarzyna Kolary\textsuperscript{II,Dep}, Michał Skóra\textsuperscript{Dep}

1) Department of Otolaryngology and Laryngological Oncology, Medical University of Łódź, Kopcińskiego 22, 90-153 Lodz, Poland

Poster Discussion 04
Meeting Room 1, Friday 24\textsuperscript{th} May, 11:00-12:30

The long-term effect of unilateral and bilateral otitis media history on the central auditory nervous system

Milaine Sanfins\textsuperscript{1}, Caroline Donadon\textsuperscript{1}, Leticia Borges\textsuperscript{1}, Thalita Ubiali\textsuperscript{1}, Maria Francisca Coellea-Santos\textsuperscript{1}

1) Faculty of Medical Science, State University of Campinas, Campinas, Brazil

Clinical implication of cochlear dead region in tinnitus-prospective study

Seog-Kyun Mun\textsuperscript{1}

1) Department of Otolaryngology-Head and Neck Surgery, Chung-Ang University, College of Medicine, Seoul, Korea

Study of absolute ABR latencies in microcephalic children and intrauterine infection presumed by zika virus: review of 178 cases.

Daniela Capra\textsuperscript{IECPN}, Caroline Donadon\textsuperscript{UNICA IECPN}, Fernanda Fialho\textsuperscript{IECPN}

1) Master. Otolaryngologist responsible for hearing assessment Zika Project, the State Institute of the Brain (IECPN-RJ), Rio de Janeiro - Brazil.
2) Master. Audiologist. Faculty of Medical Sciences of the State University of Campinas (Unicamp), Campinas - São Paulo - Brazil.
3) PhD. Pediatrician. Coordinator of the Zika Project of the State Brain Institute (IECPN-RJ) - Rio de Janeiro – Brazil.

The Innovative generator of the magnetic field in tinnitus treatment

Jurek Olszewski\textsuperscript{Dep}, Andrzej Kowalski\textsuperscript{Dep}, Wiesław Sułkowski\textsuperscript{Dep}, Marzena Mielczarek\textsuperscript{Dep}

1) Department of Otolaryngology, Laryngological Oncology, Audiology and Phoniatics – Medical Universisty of Lodz (Poland)

Influence of stuttering on the P300

Cláudia Sofia Prata\textsuperscript{1}, Carla Matos Silva\textsuperscript{1}

1) Instituto Politécnico de Coimbra, ESTESC – Coimbra Health School, Audiologia, Portugal

Audiological Evaluation In The Traumatic Brain Injury – Case Study

Caroline Donadon\textsuperscript{1}, Natalia Ferazolli\textsuperscript{1}, Reinaldo J Gusmão\textsuperscript{1}, Adriano Rezende\textsuperscript{1}, Piotr H
The long-term effect of unilateral and bilateral otitis media history on the central auditory nervous system

Milaine Sanfins\textsuperscript{1,2,3}, Caroline Donadon\textsuperscript{2}, Leticia Borges\textsuperscript{2}, Thalita Ubiali\textsuperscript{2}, Piotr Skarzynski\textsuperscript{4,5,6}

1) Centro de Eletrofisiologia e Neuroaudiologia Avançada, CENA, Brasil.
2) Instituto Nacional de Neurociência Translacional, INNT, Brasil.
3) Clínica Respirare, Departamento de Audiologia Clínica.
4) Universidade Estadual de Campinas, UNICAMP, Brasil.

ID: 03816 - P051

The importance of electrophysiological auditory evaluation in clinical practice: a case study.

Daniela Capra\textsuperscript{1}, Caroline Donadon\textsuperscript{2}, Natália Ferrazoli\textsuperscript{2}, Milaine Sanfins\textsuperscript{1}

1) Centro de Eletrofisiologia e Neuroaudiologia Avançada, CENA, Brasil.

ID: 03824 - P052

"Wave I amplitude": an invaluable index for the assessment of hidden hearing loss

Beaud Ludivine\textsuperscript{1}, Avan Paul\textsuperscript{1}, Giraudet Fabrice\textsuperscript{1}

1) Laboratory of Neurosensory Biophysics, UMR INSERM 1107, School of Medicine, University Clermont Auvergne, Clermont-Ferrand, France.

ID: 03900 - P053

Fast and robust objective hearing threshold estimation in infants with multiple Auditory Steady-state Responses (ASSR) to chirp stimuli

Roland Mühler\textsuperscript{1}, Jesko Verhey\textsuperscript{1}

1) Department of Experimental Audiology, University of Magdeburg, Germany.

ID: 03947 - P054

Mismatch Negativity in children with speech sound disorder

Eliara Pinto Vieira Biaggio\textsuperscript{1}, Amália El Hatal de Souza\textsuperscript{UFSM}, Julia Dalcin Pinto\textsuperscript{UFSM}, Carolina Lisboa Mezzomo\textsuperscript{UFSM}

1) Universidade Federal de Santa Maria (UFSM).

ID: 03968 - P055

Analysis of the components of Frequency-Following Response in Phonological Disorders

Eliara Pinto Vieira Biaggio\textsuperscript{UFSM}, Lais Ferreira\textsuperscript{Unive}, Marileda Barichello Gubiani\textsuperscript{Unive}, Milaine Dominic Sanfins\textsuperscript{Unive}, Marcia Keske-Soares\textsuperscript{Unive}

1) Universidade Federal de Santa Maria (UFSM).

ID: 04024 - P056

Sound Localization and Auditory Memory in right-handed and left-handed individuals

Catarina Santos\textsuperscript{1}, Cláudia Reis\textsuperscript{1}
1) Instituto Politécnico de Coimbra, ESTESC - Coimbra Health School, Audiologia, Portugal

ID: 04028 - P057

Simple screening questionnaire to detect hearing loss in children
Lorena Gabrielle Ribeiro Bicalho de Castro\textsuperscript{Unive}, Sirley Alves da Sikva Carvalho\textsuperscript{Unive}, Ana Cristina Cortes Gama\textsuperscript{Unive}, Marden C M Hott\textsuperscript{Unive}, Denise Utsch Goncalves\textsuperscript{Unive}, Luciana Macedo Resende\textsuperscript{Unive}, Amelia Augusta Friche\textsuperscript{Unive}, Aline Aparecida Lopes\textsuperscript{Unive}, Fabrice Giraudet\textsuperscript{Schoo}, Paul Avan\textsuperscript{Schoo}, Erika M Parlato oliveira\textsuperscript{Unive}
1) Universidade Federal de Minas Gerais (UFMG), Belo Horizonte, MG, Brazil
2) Université Paris Diderot, Paris, France
3) School of Medecine, University Clermont Auvergne, Clermont-Ferrand, France

ID: 04055 - P058

Learning preferences and soundscapes through intelligent interfaces
R. Rosing\textsuperscript{1}, M. Korzepa\textsuperscript{2}, J.H. Christensen\textsuperscript{1}, B. Johansen\textsuperscript{2}, M.K. Petersen\textsuperscript{1}, J.E. Larsen\textsuperscript{2}, N.H. Pontoppidan\textsuperscript{1}
1) Oticon A/S, Eriksholm Research Centre, Snekkersten, Denmark
2) Technical University of Denmark, department of DTU Compute, Lyngby, Denmark

ID: 04070 - P065

Oxford's experience with the Cochlear™ Carina® fully implantable middle ear implant
Jane Humphries\textsuperscript{Oxfor}
1) Oxford Auditory Implant Programme

ID: 04081 - P059

Evaluation of psychomotor development of children that were qualified for cochlear implantation
Małgorzata Ganc\textsuperscript{1}, Wiesław Wiktor Jedrzejczak\textsuperscript{1}, Bartosz Kochanski\textsuperscript{1}, Joanna Kobosko\textsuperscript{1}, Paulina Faluch\textsuperscript{1}, Monika Lewandowska\textsuperscript{2}, Henryk Skarzynski\textsuperscript{1}
1) World Hearing Center, Institute of Physiology and Pathology of Hearing, Warszawa/Kajetany, Poland
2) Faculty of Humanities, Nicolaus Copernicus University, Torun, Poland

Poster Discussion 05
Main Auditorium, Friday 24\textsuperscript{th} May, 14:30-15:30

ID: 03799 - P031

Central Auditory Processing In Singers With Complaint Of Difficulty In High Frequency Sounds Production
Loriane Gratão de Mesquita\textsuperscript{1,2}, Liliane Desgualdo Pereira\textsuperscript{1,3}, Gustavo Polacow Kom\textsuperscript{1,2}, Noemi Grgiottol di Biase\textsuperscript{1}
1) Universidade Federal de São Paulo- UNIFESP, State of São Paulo, Brazil
2) Department of Otorhinolaryngology and Head and Neck Surgery, Laryngeal and Voice Sector.
3) Department of Speech-Language Pathology and Audiology

ID: 03813 - P032

Deficits in auditory rhythm perception in children with Auditory Processing Disorder are unrelated to attention
Christos Sidiras\textsuperscript{AUTH}, Vasiliki Vivian Iliadou\textsuperscript{AUTH}, Ioannis Nimatoudis\textsuperscript{AUTH}, Manon Grube\textsuperscript{Newca}, Timothy Griffiths\textsuperscript{Newca}, Doris-Eva Bamiou\textsuperscript{Ear i}
1) Aristotle University of Thessaloniki, Medical School (AUTH)

ID: 03814 - P033

A retrospective study regarding APD battery test in children 5 and 6 year old
Anastasia Kostopoulou\textsuperscript{Depar}, Vivian Iliadou\textsuperscript{Depar}, Ioannis Nimatoudis\textsuperscript{Depar}, Doris-Eva Bamiou\textsuperscript{Ear i}
1) Department of Medicine, Aristotle University, Greece 2) Ear Institute, University College
Towards a French language Version of the Children’s Listening and Processing Skills Scale (ECLiPS).

Lou Seropian¹, Justine Popieul¹, Isabelle Soares-Boucaud¹², Annie Moulin¹
1) Lyon Neuroscience Research Centre, Brain Dynamics and Cognition Team (DYCOG), Perception Attention and Memory group (PAM), CNRS UMR5292, INSERM U1028, Claude Bernard Lyon 1 university, Lyon University, F-69000, Lyon, France 2) Centre de référence des troubles du langage, Le Vinatier Hospital, 95 Bd Pinel, 69675 BRON, France

Test-Retest Reliability of SinB as a Screening Tool for Auditory Processing Disorders

V. Sofokleous¹, M. Marmara¹, G. Panagiotopoulos¹, S. Mouza¹, M. Tsofidou¹, A. Sereti¹, I. Grigoriad¹, E. Petridis¹, A. Vasiadiis¹, D. Hatzopoulou¹, C. Sidiras¹, M. Tsiourdas¹, V.V. Iliadou¹
1) Medical School, Aristotle University of Thessaloniki, Greece.

Detection And Treatment Of Children With Auditory Processing Disorder In Republic Of Serbia

Neda Milosevic¹
1) Department of Speech and Language Pathology, College of Social Work, Belgrade, Republic of Serbia

Effect of Noise Exposure on Hearing of Pavilion Athletes

Andrea Gouveia¹, Ángela Marques¹, Guilherme Ferreira¹, Juliana Pinho¹, Rui Cardoso¹, Jaime Figueiredo¹, Margarida Serrano¹
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiology, Portugal


Jeremie Ginzburg¹, Laurence Argouarc’h¹, Claire Wade¹, Anne Caclin¹, Isabelle Soares-Boucaud¹, Annie Moulin¹
1) Lyon Neuroscience Research Centre, Brain Dynamics and Cognition Team, Perception Attention and Memory group, CNRS UMR5292, INSERM U1028, Claude Bernard Lyon 1 university, Lyon University, F-69000, Lyon, France.

Audiovisual Training And Auditory-Only Training: Effects On Temporal Processing In Children With History Of Middle Ear Disease

Caroline Donadon¹, Milaine D Santins¹, Leticia R Borges¹, Maria Francisca Colella-Santos²
1) School of Medical Sciences, University of Campinas, Brazil 2) Department of Human Development and Rehabilitation, School of Medical Sciences, University of Campinas, Brazil

Residual hearing in cochlear implant patients with CI532 electrode

Diana Arweller-Harbeck¹, Niklas Riemann¹, Laura Holtmann¹, Judith Arnold¹, Stefan Hans¹, Helke Bagus¹, Sonja Ludwig¹
1) Department of Otorhinolaryngology University Hospital Essen University Duisburg Essen

Frequencial discrimination in musicians and non-musicians: an auditory electrophysiological response with the Mismatch Negativity

ID: 03825 - P034
ID: 03831 - P035
ID: 03883 - P036
ID: 03890 - P037
ID: 03956 - P038
ID: 03979 - P039
ID: 04004 - P025
ID: 04080 - P027
L. Soares¹, C. Nazaré¹
1) Instituto Politécnico de Coimbra, ESTESC-Coimbra Health School, Audiolgia, Portugal

ID: 04114 - P028
Case Report: Musical Auditory Training: Elderly With Hearing Loss And Hydrocephalus
Katya Freire Audic, Cristina Félix Audic, Milllena Sousa Audic, Ana Paula Bruner Audic
1) Audicare

Poster Discussion 06
Meeting Room 1, Saturday 25th May, 11:00-12:30

ID: 03838 - P067
Bilateral implantation of bone anchored hearing aids in children
M. Smiechura¹, M. Struzycka¹, W. Konopka¹,²
1) Department of Otolaryngology, Polish Mother’s Memorial Hospital Research Institute, Lodz, Poland
2) Department of Paediatric Didactics, Medical University in Lodz, Poland

ID: 03856 - P067
Audiological Evaluation Of The Novel Bone Conduction Hearing Device Adhear In Patients With Conductive Hearing Loss
Piotr Henryk Skarzynski¹,²,³, Anna Ratuszniak¹, Bartlomiej Krol¹, Henryk Skarzynski¹
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2) Institute of Sensory Organs, Kajetany, Poland
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ID: 03857 - P074
Auditory rehabilitation in young children up to 2 years old after the usage of hearing aids
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ID: 03877 - P075
The 15iSSQ, a 15 item SSQ short-form: Factor, Cluster, Reliability and Comparative Analyses
Annie Moulin¹,², Mathieu Ferschneider¹,²,⁴, Judith Vergne¹,², Stéphane Gallego²,³,⁴, Christophe Micheyl⁵,⁶,⁷
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ID: 03901 - P079
Pupillometry: new insights to effectively assess listening effort in hearing impaired people.
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ID: 03981 - P082
Rural worker's occupational exposure to agrochemicals, hearing screening and dosage of cholinesterase
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ID: 04015 - P077
The cost-effectiveness of cochlear implantation in adults
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ID: 04018 - P069
Case Study - A Prescriptive Sound Amplification Method for Tinnitus Relief Using Hearing Aids
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ID: 04020 - P083
Early hearing detection – 10 years experience of a newborn hearing screening program in Hospital Lusia das Lisboa
Ana Patricia Silva1, Ana Catarina Santos1, Joana Luis1, Tânia Delgado1, Pedro Brazão Santos1, Luísa Monteiro1
1) Hospital Lusia das Lisboa

ID: 04032 - P084
Tip fold-over detection in Cochlear Implantation: Case Series
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2) Cochlear Implant Centrum Ruhr, Essen, Germany

ID: 04061 - P076
How can we support hearing impairment in people with dementia? Perspectives from professionals, service users and care partners
Lucas Wolfski1, Wai Kent Yeung2, Iracema Leroi2, Chryssoula Thodi3, Anna Pavlina Charalambous4, Catherine Helmer4, Roxane Villeneuve5, Abebaw Mengistu Yohannes5, Ines Himmelsbach1, Piers Dawes6
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2) University of Manchester, Manchester, UK
3) Department of Health Sciences, European University of Cyprus, Nicosia, Cyprus
4) Université de Bordeaux, Bordeaux, France
5) Department of Physical Therapy, Azusa Pacific University, California, United States of America

ID: 04069 - P071
Involving older adults with dementia and hearing and/or vision impairments in a multi-site European research programme
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1) University of Manchester 2) Public Programmes Team 3) European University Cyprus

ID: 04072 - P072
Auditory screening at school age: about the grounds
Paula LopesEscol, Helena MoreiraEscol
1) Escola Superior de Saúde do Politécnico do Porto

ID: 04073 - P073
Carina changes in actuator impedance measurements, what does it mean for patients?
Jane HumphriesOxfor
1) Oxford Auditory Implant Programme

ID: 04087 - P080
Better Hearing Rehabilitation (BEAR) Study in Denmark: Introducing the Centralized Clinical Database
Gérard Loquet1,2, Vijay Narne3, Tobias Piechowiak4, Anne Wolff5, Sabina Storbjerg Houmøller3,6, Dan Dupont Hougaard1,5, Jesper Hvass Schmidt3,6, Dorte Hammershoi2
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ID: 04096 - P081
Bilateral Facial Paralysis As Initial Manifestation Of Wegener’s Granulomatosis
Miroljub Todorovic1, Maja Jovanovic1, Vladimir R. Pavicevic1, Aleksandra Lakovic-Tatar1
1) RH “Danilo I”

ID: 04113 - P078
Electrophysiological Evaluation Of Hearing In Individuals With Vascular Loop Of Bilateral Antero Inferior Cerebellar Artery (AICA): Case Study
Natalia Ferrazoli1,2, Daniela Capra1,2, Reinaldo Jordão Gusmão3, Renata Unger Lavor1, Adriano Rezende1, P.H Skarzynski4,6,7, Caroline Donadon1,2, Milaine Dominici Santins1,4
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POSTERS
ID: 03990 - P064
**Evaluation of different AGC settings in bimodal cochlear implant subjects**
Andreas Buechner, Eugen Kludt, Mark Schuessler, Thomas Lenarz
1) Hannover Medical School

ID: 03908 - P097
**Contralateral suppression or enhancement of otoacoustic emissions in elderly people**
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2) Otorhinolaryngology Department of Northwest State Medical University named after I.I. Mechnikov, St. Petersburg, Russia
3) Saint-Petersburg Geriatric Medico-Social Center, Municipal Audiology Center, St. Petersburg, Russia

ID: 03923 - P098
**Validation of Lithuanian version of Hearing Handicap Inventory for the Elderly**
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ID: 03774 - P099
**Auditory profile of children with microcephaly and intrauterine infection presumed by Zika virus: analysis of 217 cases of the Brain Institute.**
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3) PhD. Pediatrician. Coordinator of the Zika Project of the State Brain Institute (IEC-RJ) - Rio de Janeiro – Brazil.

ID: 03827 - P100
**The cross-check principle - current and necessary: case report.**
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4) Universidade Estadual de Campinas, UNICAMP, Brasil

ID: 03849 - P101
**Phonological Memory in Patients with Head and Neck Tumors**
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2) Instituto Português de Coimbra Francisco Gentil E. P. E., Portugal

ID: 03997 - P102
**Presentation of a questionnaire test made to assess the status of postlingually hearing impaired adult people**
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1) Department of Otorhinolaryngology and Head and Neck Surgery, University of Szeged

ID: 03835 - P103
**Elucidating pathological mechanisms of hearing loss induced by hypothyroidism using Duox2 mutant mice**
Sera Park, Jinwoong Bok, Jae-Young Choi
1) Bundang Jesaeng General Hospital, Daejin Medical Center
2) Yonsei University College of Medicine
ID: 03948 - P104

The Effects of Auditory Deprivation on Visual Reaction Time and Language Abilities of Adolescents with and without Cochlear Implants
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ID: 04284 - P105

A bio-inspired coding (BIC) strategy for cochlear implants
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ID: 03975 - P106

Primary Hearing Health: action to raise awareness on secondary education
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ID: 04025 - P107

P300: hemispheric differences with verbal and non-verbal stimuli and age effect
Rita Campos1, Claudia Reis1
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ID: 04038 - P109

Usher Syndrome - Hearing And Balance Disorder Plus Visual Impairment
Célia Alcobia Gomes1
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ID: 04063 - P110

A systematic review of cognitive assessments for people with acquired hearing impairment
Piers Dawes1, Annie Pye1, Anna Pavlina Charalambous2, Wai Kent Yeung1, Iracema Leroi1, Chryssoula Thodi2
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2) European University Cyprus, Nicosia, Cyprus

ID: 03772 - P111

Irish School Entry Screening and Referral Trends and Cohort Comparison with preschool Specialist referrals
Theresa PittAudio, Pauline RochePubli
1) Wexford Community Audiology, Nursing and Ophthalmology Services

ID: 03913 - P112

Analysis of the diagnostic results of children who have not passed the hearing screening test in PUNHSP
Piotr Dąbrowski1, Grażyna Greczka1, Anna Gasinska1, Małgorzata Wierzbicka1, Witold Szyfter1
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**Thirteen year experience with BAH A**
Ana Campos\textsuperscript{1,113}, Diogo Ribeiro\textsuperscript{1}, Catarina Tinoco\textsuperscript{1}, Cristina Caroça\textsuperscript{1}, João Paço\textsuperscript{1}
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2) Clinical and University Center of Otorhinolaryngology of CUF Infante Santo Hospital, Lisboa, Portugal
3) Nova Medical School, Lisboa, Portugal

**Impact of stroke on hearing ability**
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2) Consulta de ORL, Hospital das Forças Armadas, Pólo do Porto, Portugal

**Type 2 diabetes and hearing loss, but also possible auditory neuropathy! A french study**
Beaud Ludivine\textsuperscript{1}, Tauveron Igor\textsuperscript{2}, Avan Paul\textsuperscript{1}, Giraudet Fabrice\textsuperscript{1}
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**Type 1 diabetes and the risk of incident hearing loss: A french study**
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**Audiological Evaluation Using Computational Methods**
Fernanda Gentil\textsuperscript{1,ES}, Marco Parente\textsuperscript{INEGI}, Carla Santos\textsuperscript{INEGI}, Bruno Areias\textsuperscript{INEGI}, Renato Natal\textsuperscript{INEGI}
1) ESS

**Auditory health of adolescents using personal stereo: an analytical study with questionnaire of inquiry**
Daniela GOMIDE\textsuperscript{USP}, Wanderleia QUINHONEIRO BLASCA\textsuperscript{USP}
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**Congenital hypothyroidism and cochlear disorders**
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**Glutathione - Involvement in the antioxidant defense of the auditory system**
Paula Lopes\textsuperscript{Escol}, José Vieira\textsuperscript{Escol}
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**Sudden Sensorineural Hearing Loss related to Vertebrobasilar Arterial Insufficiency – a challenge in clinical practise**
Lea Zupan\textsuperscript{GENER}, MARKO ZUPAN\textsuperscript{GENER}
1) GENERAL HOSPITAL CELJE, SLOVENIA
An unusual case of facial palsy caused by penetrating head trauma without temporal bone fracture - case report
Marisa Klančnik\textsuperscript{1,2}, Petar Ivanišević\textsuperscript{1}, Marina Krnić\textsuperscript{1}, Petra Smoje\textsuperscript{1}
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Efficiency of Distortion Product Otoacoustic Emissions as Ototoxicity Monitoring Method
Gayane Sargsyan\textsuperscript{1,2}, Vigen Bakhshinyan\textsuperscript{3}, Varduhi Harutyunyan\textsuperscript{1}, Armen Nazanyan\textsuperscript{1}, Naira Hovhannesyan\textsuperscript{4}, Levon Badalyan\textsuperscript{2}, Arthur Shukuryan\textsuperscript{5}
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Prevalence and Characteristics of Distortion Product Otoacoustic Emissions in a Representative Sample of 70 Year Olds
Maria Hoff\textsuperscript{1,2}, Tomas Tengstrand\textsuperscript{2}, Ulf Rosenhall\textsuperscript{1,2}, Ingmar Skoog\textsuperscript{3}, André Sadeghi\textsuperscript{1,2}
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Sound Localization and Auditory Memory in Children With or Without Middle Ear Alteration
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Single sided deafness and hearing asymmetry: specific patterns on several hearing questionnaires.
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Self-reported Listening Effort measured by an Extended Version of the Effort Assessment Scale (EEAS)
Lou Seropian\textsuperscript{1,2}, Mathieu Ferschneider\textsuperscript{1,2,4}, Fanny Cholvy\textsuperscript{1,2}, Stéphane Gallego\textsuperscript{2,3,4}, Annie Moulin\textsuperscript{1,2}
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Speech recognition and pupillometry – exploring new tools to be used in clinical practice
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ID: 04051 - P129
Clinical use of the Dizziness Handicap Inventory
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ID: 04106 - P130
Audio-Vestibular Symptoms Of Patients With Chiari Syndrome
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ID: 03804 - P131
Communication in bimodal bilingual families with normal hearing children and deaf and/or hearing impaired parents.
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ID: 04099 - P132
Hearing loss in persons exposed and not exposed to occupational noise
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