



VERTIGO ACADEMY INTERNATIONAL

3rd VIRTTM Vestibular Implant Related Technologies Sessions



www.vai2025.org

April 03-05, 2025 • Novotel Budapest, Hungary

ACCEPTED ORAL PRESENTATION LIST

I: Evaluation & Assessment

RP-01. DVA assessment: a comparison between people with bilateral vestibulopathy and healthy age- and sex-matched participants

Meichan Zhu, Lisa van Stiphout, Benjamin Volpe, Miranda Janssen, Mustafa Karabulut, Angélica Pérez Fornos, Nils Guinand, Kenneth Meijer, Raymond van de Berg, Christopher Mc Crum

RP-02. Proposal of a standardized testing protocol for BPPV using 3d simulations of positional tests

Rajneesh Bhandari, Anita Bhandari, David Samuel Zee, Daniele Nuti, Herman Kingma, Raymond Van De Berg

RP-03. The impact of dual tasking on the vestibular ocular reflex

Itay Avivi, Noa Rozendorn, Amit Wolfowitz, Yoav Gimmon

RP-04. Combining battery of auditory and vestibular tests for severity evaluation of Menière's disease

Hui Wang

RP-05. Subjective visual vertical (SVV) alterations in Parkinson's disease

Alexandra Belyakova-Bodina, Maria Tsvetkova, Anastasia Mezenchuk, Ekaterina Fedotova

RP-06. Videonystagmography (VNG) findings in vestibular migraine

Prateek Porwal, Srinivas Dorasala, Pradeep Vundavalli

RP-07. Gain values of vestibulo-ocular reflex (VOR) in video head impulse test in children without otoneurologic symptoms

Rosana Rodríguez-Villalba, Miguel Caballero-Borrego

RP-08. Influence of cognitive load on cervical vestibular evoked myogenic potentials (VEMP) in normal subjects

Rahina Abubacker, Pradeep Yuvaraj, Anannya Adhikari, Aravind Kumar Rajasekaran

II: Vestibular Rehabilitation

RP-09. Vestibular rehabilitation with virtual reality in patients with long-term dizziness

Daniele Corbo, Valentina Santomauro, Alessandro Maroli, Federica Simoni, Eolo Castello

RP-11. Results of a vestibular rehabilitation program combined with virtual reality in bilateral vestibular hypofunction

Bilal Burak Bayraklı, Ömer Kuzu, Canan Çelik

RP-12. Digital advancements in vestibular rehabilitations: evaluating the effectiveness of an online therapy program

Rajneesh Bhandari, Anita Bhandari

RP-13. Effectiveness and adoption of an online vestibular tutorial for physiotherapists: insights from the UTAUT model

Yael Arbel, Liora Shmueli

RP-14. Neural correlates of vestibular adaptation in cosmonauts after long-duration spaceflight

Catho Schoenmaekers, Steven Jillings, Dmitrii Glukhikh, Elena Tomilovskaya, Ilya Rukavishnikov, Peter zu Eulenburg, Floris Wuyts

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RP-15. Investigation of vestibular rehabilitation effectiveness in children with specific learning disorders

Melda Acar, Eyyup Kara, Zehra Koyuncu, Mesut Yavuz, Hasan Ahmet Özdoğan

RP-16. New liberatory maneuver for the treatment of anterior canal benign paroxysmal positional vertigo

Prateek Porwal, Srinivas Dorasala, Pradeep Vundavalli

III: Research

RP-17. Endolymphatic hydrops impair inner ear uptake and distribution of it injected agents in patients with Meniere's disease

Jing Zou, Hongbin Li, Minhui Zhu, Luguang Chen, Zhen Wang, Tianhao Lu, Yukun Chen, Jianping Lu, Ilmari Pyykkö

RP-18. Identifying vestibulo-trigeminal lesion in patients with vestibular neuritis: A comparative study across M-VEMP stimuli

Anjana Rajesh, Anuj Kumar Neupane

RP-19. Vestibular responses to virtual reality in individuals with and without motion sensitivity

Hadas Ben-Rubi Shimron, Mor Bitterman Peri, Amit Wolfvitz, Yoav Gimmon

RP-20. Beyond environmental factors: migraine as a key contributor to benign paroxysmal positional vertigo recurrence

Pelin Kocdor, Emel Işık, Oğuzhan Çetin, Rüya Somer, Suat Avcı, Levent Naci Özlüoğlu

RP-21. The basic mechanism of vertigo attacks in Meniere's disease with explanatory animation

Stephen Gary Spring

RP-22. Postural dysfunction in auditory neuropathy spectrum disorder: a computerized dynamic posturography

Pradeep Yuvaraj, Rahina Abubacker, Chethan K, Aravind Kumar Rajasekaran, Muralidharan Kesavan

RP-23. Bilateral neural connectivity between vestibular end organs in patients with unilateral vestibular schwannoma

Andy Beynon, Mehmet Ercan, Anne Voncken

RP-24. Investigation of behavioral vestibular function after intratympanic injection of potassium chloride in epileptic rats

Yavuz Gündoğdu, Mahmut Furkan Beyaz, Fatma Nur Kömür, Orhan Asya, Ali Cemal Yumuşakhuylu

IV: General Approach

RP-25. Two centuries of vertigo research: trends, gaps, and global contributions

Melanie Grace Yap Cruz, Deborah Manandi, Ma. Natividad Almazan

RP-26. Turkish validity and reliability study of the vestibular activities avoidance instrument-9

Merve Gundas, Gulce Kirazli, Feyza Inceoglu, Nese Celebisoy, Tayfun Kirazli

RP-27. Mapping the scientific trends and collaboration networks in vestibular migraine: a bibliometric analysis

Emel Tahir, Nurullah Türe

RP-28. Endre hõgyes (1847-1906), forgotten father of the vestibulo-ocular reflex

László T. Tamás, Albert Mudry

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RP-29. Vestibular system in patients after mild traumatic brain injury

Magdalena Jozefowicz-Korczynska, Wojciech Skora, Bogna Zielinska-Kazmierska, Anna Puzio-Suwart

RP-30. Central causes of vertigo: A case series of VNG findings in patients from 2023 to 2025

Ceren Karaçaylı, Abdullah Sunar, Bülent Satar, Uğur Burak Şimşek

RP-31. Risk factors associated with benign paroxysmal positional vertigo: a national database study

Nedim Durakovic, Prithwijit Roychowdhury

RP-32. Revealing the underlying pathophysiological mechanisms of MDDS with the use of functional magnetic resonance imaging

Catho Schoenmaekers, Steven Jillings, Megan Van Deun, Andrzej Zarowski, Floris Wuyts, Choi Deblieck

RP-33. New Insights into the Management of PLF: Advanced Treatment Approaches Addressing Sudden, Fluctuating, and Progressive Sensorineural Hearing Loss with Concurrent Vestibular Symptoms

Tomoyasu Kitahara

V: Treatment – Interventions

RP-34. The association between vestibular, hearing and cognitive abilities among older population

Wan Nabila Wan Mansor, Afiq Ikmal Sahak, Nor Haniza Abdul Wahat, Asma Abdullah, Noorlaili Mohd Tohit

RP-35. The legs of the tripod in balance ears and eyes; results of VEMP in amblyopia

Elif Kaya Çelik, Şerife Gülhan Konuk, Meriç Yıldız

RP-36. Dizzy patient in the emergency, should we call the neurologist?

Adraa Nouini

RP-37. Triple semicircular canal occlusion for the treatment of Ménière's disease

Shankai Yin

RP-38. Effects of the vestibulocochlear implant on balance and gait in bilateral vestibulopathy

Meichan Zhu, Rik Marcellis, Paul Willems, Jona Beckers, Bernd Vermorken, Benjamin Volpe, Stan van Boxel, Joost Stultiens, Elke Devocht, Angélica Pérez Fornos, Nils Guinand, Kenneth Meijer, Raymond van de Berg, Christopher McCrum

RP-40. Practical quality of life assessment for vestibular implant candidates

Mehmet Kadir Ercan, Andy J Beynon

RP-41. Virtual reality application matches the standard treatment for MDDS: A non-inferiority, randomized, open clinical trial

Catho Schoenmaekers, Dario De Smet, Jan Van Riel, Andrzej Zarowski, Choi Deblieck, Floris Wuyts

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PP-01

NOISE-INDUCED VESTIBULAR DEFICIT – DIAGNOSTIC CRITERIA

Haider Alsarhan¹

¹Ibn Sina University For Medical And Pharmaceutical Sciences

PP-02

CLINICAL UTILITY OF HIGH FREQUENCY HEAD SHAKE TEST IN VERTIGO PRACTICE.

Prateek Porwal¹, Pradeep Vundavalli², Srinivas Dorasala³

¹Prime Ent Center, Hardoi, India

²Asian Super Speciality Ent Hospital, Visakhapatnam, India

³Jawaharlal Nehru Medical College, India

PP-03

APPLICATION OF VR-ASSISTED VESTIBULAR REHABILITATION COMBINED WITH COGNITIVE BEHAVIORAL THERAPY IN PPPD

Ying Lin¹⁻², Jia Shi¹⁻², Wenfa Wu¹⁻², Feng Yu¹⁻²

¹Institute Of Otolaryngology Head And Neck Surgery, Jinan University, China

²Guangzhou Red Cross Hospital, Medical College, Jinan University

PP-04

VESTIBULAR IMAGING UPDATES “INDICATIONS, INTERPRETATION AND COST-EFFECTIVENESS ANALYSIS”

Mahmoud Mandour¹

¹Tanta University

PP-05

A RARE CASE REPORT OF ATYPICAL PRESENTATION T OF RAMSAY HUNT SYNDROME -A DIAGNOSTIC DILEMMA

Shenny Bhatia¹

¹Maharishi Markandeshwar Medical College & hospital Solan

PP-06

PEDIATRIC VERTIGO & DIZZINESS IN OUR CLINICAL EXPERIENCE

István Tóth¹, Kinga Harmat¹, Emma Buczkó¹, Luca Csanádi¹, Beatrix Barcsi¹, László Lujber¹, Veronika Gaál², István Szanyi¹

¹Department Of Otolaryngology, University Of Pécs, Hungary

²Department Of Pediatrics, University Of Pécs, Hungary

PP-07

MULTI CANAL BPPV WHICH CANAL SHOULD BE TREATED 1ST?

Haider Alsarhan¹

¹Ibn Sina University For Medical And Pharmaceutical Sciences

PP-08

PERIPHERAL VESTIBULAR DISORDERS: PREVALENCE AND TRENDS AT A TERTIARY HOSPITAL

Wan Nabila Wan Mansor¹⁻², Noor Dina Hashim¹⁻², Asma Abdullah¹⁻², Fatimah Sazari²

¹National University Of Malaysia

²Hospital Canselor Tuanku Muhriz Kuala Lumpur

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PP-09

ASSOCIATIONS BETWEEN DIZZINESS HANDICAP INVENTORY SCORES AND VESTIBULAR FUNCTION TESTS: A CROSS-SECTIONAL SURVEY

Eun-Ju Jeon¹, Eun-Jin Son², Hyun Jin Lee¹

¹The Catholic University Of Korea

²Yonsei University College Of Medicine

PP-10

USE OF SYSTEMIC CORTISONE BEFORE REPOSITIONING MANEUVER IN CASE OF PERSISTENT BPPV

Haider Alsarhan¹

¹Ibn Sina University For Medical And Pharmaceutical Sciences

PP-11

MODERN METHODS OF DIAGNOSIS AND TREATMENT OF BENIGN PAROXYSMAL POSITIONAL VERTIGO IN MILITARY PERSONNEL

Dmytro Illich Zabolotnyi¹, Iryna Anatoliivna Bieliakova¹, Daria Hennadiivna Fedorchenko¹

¹A.I. Kolomiychenko Institute Of Otolaryngology Of The National Academy Of Medical Sciences Of Ukraine

PP-12

TRIPLE TRIGGER IN THE PATHOGENESIS OF BILATERAL VESTIBULAR HYPOFUNCTION IN PATIENT WITH CI

Yakubova Diyora Oybekovna¹, Sattarova Madina Gulamdjanovna¹, Karimova Nargiza Abdullayevna¹, Jakenova Saira Saira Saxepkereeovna¹⁻²

¹Orl-hns Scientific Practical Center Of Uzbekistan

²Ent Clinic Of Jakenova

PP-13

VESTIBULAR AND OCULOMOTOR FUNCTION IN FIBROMYALGIA: INSIGHTS FROM V-HIT, VNG, AND DHI ASSESSMENTS

Emel Tahir¹, Asuman Küçüköner¹, Emre Demirel¹, Ahmet Kıvanç Cengiz²

¹Ondokuz Mayıs University Dept Of Otolaryngology

²Ondokuz Mayıs University Dept Of Rheumatology

PP-14

SUBJECTIVE COMPLAINTS AND OBJECTIVE FINDINGS IN PATIENTS WITH VESTIBULAR SYMPTOMATOLOGY

Mario Petrov Milkov¹, Miroslav Stoykov Stoykov¹

¹Medical University - Varna

PP-15

VESTIBULAR DEFICIENCIES IN MODERATE AND SEVERE OBSTRUCTIVE SLEEP APNEA CASES

Mario Petrov Milkov¹, Miroslav Stoykov Stoykov¹

¹Medical University - Varna

PP-16

POST-HEAD SHAKE NYSTAGMUS TO EVALUATE VESTIBULAR DISEASE

Mehmet Kadir ERCAN¹⁻², Osman Refik AYATA², Bengi ARSLAN², Andy J BEYNON¹

¹Radboud University Medical Center

²Ankara Bilkent City Hospital

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A CLINICAL EVALUATION OF VESTIBULAR MIGRAINE AND ENDOLYMPHATIC HYDROPS OVERLAP

Zsuzsa Varga¹⁻⁻², Bence Bajor¹⁻⁻², Ákos Simon¹, Zsuzsanna Sevecsek³, Szende Borbála Szabó⁴, Anh Nguyet Nguyen¹⁻⁻²

¹Bajcsy Hospital Budapest

²Ent House Budapest

³Central Hospital Of Northern Pest – Military Hospital, Department Of Otorhinolaryngology, Head And Neck Surgery, Budapest

⁴Heim Pal Children's Hospital, Budapest

PP-18

EVALUATING OF LLM FOR VESTIBULAR REHABILITATION EDUCATION: COMPARING CHATGPT, GOOGLE GEMINI, AND CLINICIANS

Yael Arbel¹⁻⁻², Yoav Gimmon³⁻⁻⁴, Liora Shmueli¹

¹Bar-Ilan University, Department Of Management

²Clalit Health Services, Department Of Physical Therapy

³Department Of Physical Therapy, Faculty Of Social Welfare & Health Studies, University Of Haifa

⁴Department Of Otolaryngology-head And Neck Surgery, Sheba Medical Center

PP-19

PRELIMINARY VESTIBULAR FINDINGS OF POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME: A CASE REPORT

Özlem Ertuğrul¹, Merve Torun Topçu², Emirhan Ceviken¹⁻⁻³, M. Tayyar Kalcioğlu¹⁻⁻³

¹Göztepe Prof. Dr. Süleyman Yalcin City Hospital, Ent Department, Istanbul, Türkiye

²Istanbul Medeniyet University, Faculty Of Health Sciences, Department Of Audiology, Istanbul, Türkiye

³Istanbul Medeniyet University, Faculty Of Medicine, Department Of Otorhinolaryngology, Istanbul, Türkiye

PP-20

POTENTIAL MIGRAINE IMPACT ON MÉNIÈRE'S DISEASE REGARDING DEMOGRAPHICS AND ENDOTYPES

Kuei-You Lin¹, Steven D. Rauch²

¹Shin Kong Wu Ho-Su Memorial Hospital, Department of Otolaryngology, Taiwan

²Massachusetts Eye and Ear, Department of Otolaryngology-Head and Neck Surgery, United States

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