

ISNVD WEBINAR MEETING

MENIERE'S DISEASE: OLD AND NEW KNOWLEDGE

ISNVD WEBINAR SERIES –

About this webinar meeting:

Meniere's disease is a chronic disease that affects the inner ear and is related to the presence of endolymphatic hydrops. It is characterized by four symptoms: mono or bilateral hearing impairment, tinnitus, aural fullness, and recurrent dizziness.

The pathology was first described by Prospero Ménière in 1861, he was the first who identified the inner ear as the organ of our equilibrium. The diagnosis is actually done on the criteria stated by the Barany Society that 2015 located new guidelines.

There are still some uncertainties:

A) Etiology: genetics, post-traumatic, post-inflammatory, allergic, immune and autoimmune, viral, hormonal, vascular, toxic, neoplastic (prolactinomy), etc.. The origin is probably multifactorial with different incidence not always evident in each patient. It is well known the association between Ménière's disease and migraine, and it has also been hypothesized that the two conditions have a common etiopathogenetic mechanism .

B) Pathogenesis: Multiple causes would work synergistically in determining a condition of cellular toxicity on non-receptive cells of the inner ear, particularly those of the vascular stroma and of the endolymphatic sac, affected by the homeostatic mechanisms of the endolymph.

C) Therapy: Medical therapy reflects the etiopathogenetic uncertainties. No conservative medical therapy exists which shows evidence of efficacy in the control or treatment of the disease .Intratympanic therapies, conservative with steroid, or subablative chemistry with gentamicin, show some evidence of efficacy. Surgical therapy: endolymphatic sac surgery ,labyrinthectomy and selective vestibular nerve neurotomy are reserved for the few cases not otherwise controlled. Certainly there is no consensus on the etiology and best treatment for Ménière's disease so it is reasonable to look for new treatment strategies.

MEETING SCHEDULE AND SPEAKERS

Aldo Bruno Luigi Califano

Luigi Califano: Menière's disease: clinical guidelines

Chief Dep. Unit of Audiology and Phoniatics (L.C., C.M.), G. Rummo Hospital Group, Benevento, Italy.

Augusto P. Casani: Instrumental technique of Meniere's Disease

Associate Professor Otorhinolaryngology Pisa University Medical School

Antonio Lopez-Escamez: Genetics contribution to Menière's disease

Associate Professor Otolaryngology, Universidad Granada

Scientific Director Instituto Investigacion Biosanitaria Granada ibs.GRANADA

Giampiero Neri: Imaging for Endolymphatic Hydrops in Meniere's Disease patients

Associate Professor Neurosciences, Imaging and Clinical Sciences Dept. G. d'Annunzio

University Chieti-Pescara, Italy

Pier Paolo Cavazzuti: Intratympanic Therapies for Menière's Disease

MD, Otorhinolaryngologist. Azienda USL Bologna

Giuseppe Attanasio: Surgical Therapy for Meniere's Disease

Associate Professor Head and Neck Department Umberto I Policlinic of Rome, Italy;

Aldo Bruno: Chronic Cerebro-Spinal Venous Insufficiency in Menière's disease

Vascular Dep. Gepos Clinic Telese T. (BN) Italy

Q& A and Panel Discussion

Panel Discussants: Luigi Califano, Augusto P. Casani, Antonio Lopez-Escamez, Giampiero Neri, Pierpaolo Cavazzuti, Giuseppe Attanasio, Aldo Bruno

Moderators: Aldo Bruno, Luigi Califano

SPEAKER INFORMATION

Aldo Bruno: Vascular Dep. Gepos Clinic Telese T. (BN) Italy



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