

Name: Prof. Dr. Augusto Pietro Casani

Present Position and Affiliation: Associate Professor  
Pisa University Medical School  
Dipartimento di Patologia Chirurgica, Medica, Molecolare e Area Critica  
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### **EDUCATION:**

Pisa University, Italy, graduated January 1984  
Otolaryngology-Head and Neck Surgery Resident, Pisa University, 1984-1987  
Audiology and Neurotology Resident and Fellowship, Florence University, 1987-1990

### **TEACHING**

Regular courses on clinical otorhinolaryngology and otoneurology and on the board of examiners for the otolaryngologic and otoneurologic examinations at our medical school and University of Florence.  
Lectures in otoneurology and neuro-otology at the meetings of the Italian Society of Otolaryngology, European Academy of Otoneurology (EAONO), Italian Group of Vestibology meetings and American Academy of Otolaryngology Head & Neck Surgery.  
Teaching courses at Italian Society of Audiology and Phoniatics (SIAF) meetings  
Responsible for the current otoneurological curriculum at the University of Pisa, Italy  
Reviewer of indexed journal (Laryngoscope, Headache, Otology & Neurotology etc,)

### **RESEARCH AREA**

Clinical Otoneurology; Functional Imaging; Sensorimotor Research Implantable vestibular devices;  
Immunological mechanisms of vestibular disease and the vascular pathogenesis of acute vestibular syndrome, Vestibular compensation after unilateral vestibular lesions: effects of vestibular rehabilitation exercises

### **Research Topics**

High-resolution MRI studies on vestibular diseases; Medical treatment of vestibular disorders: research on vestibular migraine; intratympanic treatment of Meniere's disease and SSHL; research on cochleo-vestibular microcirculation; pathogenesis, clinical and therapeutic aspects of BPPV



## **SELECTED PUBLICATIONS**

Casani AP, Dallan I, Cerchiai N, Lenzi R, Cosottini M, Sellari-Franceschini S. Cerebellar Infarctions Mimicking Acute Peripheral Vertigo: How to Avoid Misdiagnosis? *Otolaryngol Head Neck Surg.* 2013 Jan 10. [Epub ahead of print]

Casani AP, Piaggi P, Cerchiai N, Seccia V, Franceschini SS, Dallan I. Intratympanic treatment of intractable unilateral Meniere disease: gentamicin or dexamethasone? A randomized controlled trial. *Otolaryngol Head Neck Surg.* 2012 Mar;146(3):430-7

Rossi M, Casani AP, Pesce M, Cerchiai N, Santoro G, Franceschini SS Assessment of skin microvascular endothelial function in patients with acute unilateral vestibular syndrome.. *Clin Hemorheol Microcirc.* 2012 Apr 13. [Epub ahead of print] PMID: 22504220

Anterior canal lithiasis: diagnosis and treatment. Casani AP, Cerchiai N, Dallan I, Sellari-Franceschini S. *Otolaryngol Head Neck Surg.* 2011 Mar;144(3):412-8.

Horizontal semicircular canal benign paroxysmal positional vertigo: effectiveness of two different methods of treatment. Casani AP, Nacci A, Dallan I, Panicucci E, Gufoni M, Sellari-Franceschini S. *Audiol Neurotol.* 2011;16(3):175-84.

Intratympanic methylprednisolone in refractory sudden hearing loss: a 27-patient case series with univariate and multivariate analysis. Dallan I, De Vito A, Fattori B, Casani AP, Panicucci E, Berrettini S, Marchetti M, Nacci A. *Otol Neurotol.* 2010 Jan;31(1):25-30.

Otoneurologic dysfunctions in migraine patients with or without vertigo. Casani AP, Sellari-Franceschini S, Napolitano A, Muscatello L, Dallan I. *Otol Neurotol.* 2009 Oct;30(7):961-7.

Bilateral, isolated, lateral semicircular canal malformation without hearing loss. Dallan I, Berrettini S, Neri E, Casani AP. *J Laryngol Otol.* 2008 Aug;122(8):858-60.

The role of high-resolution magnetic resonance in atypical and intractable benign paroxysmal positional vertigo: our preliminary experience. Dallan I, Bruschini L, Neri E, Nacci A, Segnini G, Rognini F, Casani AP. *ORL J Otorhinolaryngol Relat Spec.* 2007;69(4):212-7.

Large vestibular aqueduct syndrome: audiological, radiological, clinical, and genetic features. Berrettini S, Forli F, Bogazzi F, Neri E, Salvatori L, Casani AP, Franceschini SS. *Am J Otolaryngol.* 2005 Nov-Dec;26(6):363-71.

Transtympanic gentamicin and fibrin tissue adhesive for treatment of unilateral Menière's disease: effects on vestibular function. Casani A, Nuti D, Franceschini SS, Gaudini E, Dallan I. *Otolaryngol Head Neck Surg.* 2005 Dec;133(6):929-35.

The treatment of horizontal canal positional vertigo: our experience in 66 cases. Casani AP, Vannucci G, Fattori B, Berrettini S. *Laryngoscope.* 2002 Jan;112(1):172-8.

Positional vertigo and ageotropic bidirectional nystagmus. Casani A, Giovanni V, Bruno F, Luigi GP. *Laryngoscope.* 1997 Jun;107(6):807-13.

**Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196**

