

Electronystagmography

[View the current Electronystagmography InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Electronystagmography.html) ([PDF](#))

(<http://www.bioportfolio.com/indepth/Electronystagmography.html>) - Regularly Updated.

Electronystagmography is a diagnostic test to record involuntary movements of the eye caused by a condition known as nystagmus. It can also be used to diagnose the cause of vertigo, dizziness or balance dysfunction by testing the vestibular system. ([From the Wikipedia article Electronystagmography.](#))



Recent Publications on Electronystagmography:

- [Nystagmus during Attacks of Vestibular Migraine: An Aid in Diagnosis.](#)
*Introduction: An estimated one-fourth to one-third of patients with...*7th November, 2009
Department of Neurology, Emory University, Atlanta, Ga., USA.- *Audiol Neurootol.* 2009 Nov 5;15(4):241-246. ([DOI Direct Link](#))
- [Additional heterozygous 2507A>C mutation of WFS1 in progressive hearing loss at lower frequencies.](#)
*OBJECTIVES/HYPOTHESIS:: To describe the audiological profiles in a...*31st October, 2009
Department of Otolaryngology, Tokyo Medical and Dental University Graduate- *Laryngoscope.* 2009 Oct 29. ([DOI Direct Link](#))
- [A head-tilt caloric test for evaluating the vertical semicircular canal function.](#)
*CONCLUSIONS: The caloric test with head-tilt can be used as a tool for...*30th October, 2009
Department of Otolaryngology, Tokyo Women's Medical University Medical- *Acta Otolaryngol.* 2009 Nov;129(11):1226-31.
- [Vestibular effects of diving--a 6-year prospective study.](#)
*BACKGROUND: Permanent injuries to the vestibular end organs may occur in...*27th October, 2009
Department of Otolaryngology, Head and Neck Surgery, Haukeland University- *Occup Med (Lond).* 2009 Oct 23. ([DOI Direct Link](#))
- [Vertebrobasilar insufficiency presenting as isolated positional vertigo or dizziness: a double-blind retrospective cohort study.](#)
*OBJECTIVES/HYPOTHESIS: Vertebral artery (VA) stenosis caused mainly by...*23rd October, 2009
Department of Otolaryngology-Head and Neck Surgery, Montreal University- *Laryngoscope.* 2009 Oct;119(10):2071-6. ([DOI Direct Link](#))
- [Lessons learned from the surgical management of benign paroxysmal positional vertigo: the University Health Network experience with posterior semicircular canal occlusion surgery \(1988-2006\).](#)
*OBJECTIVE: To assess the long-term efficacy and safety of posterior...*2nd October, 2009
Department of Otolaryngology, University Health Network, Toronto, Ontario.- *J Otolaryngol Head Neck Surg.* 2009 Apr;38(2):212-21.
- [Active head rotation in benign positional paroxysmal vertigo.](#)
*Benign Positional Paroxysmal Vertigo (BPPV) is one of the most common...*29th September, 2009
- *Braz J Otorhinolaryngol.* 2009 Jul-Aug;75(4):586-92.
- [Asymmetric hearing loss: rule 3,000 for screening vestibular schwannoma.](#)

*OBJECTIVE: To assess the diagnostic yield of audiograms associated to...*17th September, 2009
Department of Otorhinolaryngology, Montreal University, Centre Hospitalier- Otol Neurotol. 2009
Jun;30(4):515-21. ([DOI Direct Link](#))

- [\[Vestibular function in cochlear implant candidates\]](#)

*INTRODUCTION: The main problem of a deaf patient is per se communication...*11th September, 2009
Katedra i Klinika Otolaryngologii AM, SP CSK.- Otolaryngol Pol. 2009 Mar-Apr;63(2):168-70.

- [Unnecessary diagnostic tests often obtained for benign paroxysmal positional vertigo.](#)

*BACKGROUND: Benign paroxysmal positional vertigo (BPPV) is a common cause...*3rd September, 2009

Rehabilitation Research and Development, Atlanta VA Medical Center,- Med Sci Monit. 2009
Jul;15(7):MT89-94.

- [\[Nystagmus in ophthalmology\]](#)

*Nystagmus is a type of eye movement characterized by alternating smooth...*2nd September, 2009
Dipartimento di Oftalmologia, Universita Sapienza, Rome, Italy.- Clin Ter. 2009 Mar-Apr;160(2):145-9.

- [Causative factors, epidemiology, and follow-up of bilateral vestibulopathy.](#)

*Bilateral vestibulopathy (BV) is characterized by impaired or lost...*19th August, 2009
Department of Neurology, Ludwig-Maximilians University, Munich, Germany.- Ann N Y Acad Sci. 2009
May;1164:505-8. ([DOI Direct Link](#))

- [Development of guideline for rating the physical impairment of otolaryngologic field.](#)

*We develop a guideline for rating the physical impairment of...*15th August, 2009
Department of Otolaryngology, College of Medicine, Hanyang University,- J Korean Med Sci. 2009
May;24 Suppl 2:S258-66. Epub 2009 May 31. ([DOI Direct Link](#))

- [Fukuda stepping test: sensitivity and specificity.](#)

*BACKGROUND: A vestibulospinal test known as the Fukuda stepping test (FST)...*12th August, 2009
Division of Audiology, Mayo Clinic, Rochester, MN 55905, USA.- J Am Acad Audiol. 2009
May;20(5):311-4; quiz 335.

- [Semicircular canal versus otolithic involvement in idiopathic sudden hearing loss.](#)

*Objective:To evaluate the results of vestibular evoked myogenic potential...*4th August, 2009
ENT Department, Hippokration Athens Hospital, University of Athens,- J Laryngol Otol. 2009 Aug 3:1-6.
([DOI Direct Link](#))

Electronystagmography Patents:



- 7500752- [Diagnosing and training the gaze stabilization system](#)
- 5345281- [Eye tracking system and method](#)
- 5303715- [Apparatus and method for determining the presence of vestibular pathology](#)
- 5196873- [Eye movement analysis system](#)
- 5137345- [Apparatus for monitoring physiological data to detect drug impairment](#)
- 4830024- [Apparatus and method for determining the presence of vestibular perilymph fistulae and other abnormal coupling between the air-filled middle ear and the fluid-filled inner ear](#)
- 4815839- [Infrared/video electronystagmographic apparatus](#)
- 4735968- [Method of treating tinnitus with AOAA](#)
- 4407801- [Anti-ischemic pharmaceutical compositions](#)
- 4244377- [Ear probe for use in closed-loop caloric irrigation](#)

- 6490478- [System and method for complexity analysis-based cardiac tachyarrhythmia detection](#)
- 6629935- [Method and apparatus for diagnosis of a mood disorder or predisposition therefor](#)
- 7490085- [Computer-assisted data processing system and method incorporating automated learning](#)
- 7451002- [Automated generation of transfer functions based upon machine data](#)
- 7285099- [Bias-probe rotation test of vestibular function](#)
- 7195355- [Isolating and quantifying functional impairments of the gaze stabilization system](#)
- 7187790- [Data processing and feedback method and system](#)
- 7163516- [Patient data collection system and methods](#)
- 7115099- [Method and apparatus for diagnosis of a mood disorder or predisposition therefor](#)
- 6800062- [Comprehensive vertigo management](#)
- 6730475- [Methods of diagnosis and treatment of meniere disease](#)
- 4155352- [Nystagmus processor for EEG machines](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

