

# Labyrinthitis

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Labyrinthitis is a balance disorder. It is an inflammatory process affecting the labyrinths that house the vestibular system of the inner ear. In addition to balance control problems, a labyrinthitis patient may encounter hearing loss and tinnitus. Labyrinthitis is caused by a virus, but it can also arise from bacterial infection, head injury, an allergy or as a reaction to a particular medicine. Both bacterial and viral labyrinthitis can cause permanent hearing loss, although this is rare. Labyrinthitis often follows an upper respiratory tract infection .



## Recent Publications on Labyrinthitis:

- [Bacterial meningitic deafness: historical development of epidemiology and cellular pathology.](#)  
*Meningitis resulting in labyrinthitis and its associated hearing loss was...*30th August, 2008  
Otolaryngology-Head and Neck Surgery, Albert Einstein College of Medicine,- Acta Otolaryngol. 2008 Apr;128(4):388-92. ([DOI Direct Link](#))
- [Induction of cytomegalovirus-infected labyrinthitis in newborn mice by lipopolysaccharide: a model for hearing loss in congenital CMV infection.](#)  
*Congenital cytomegalovirus (CMV) infection is the most common infectious...*22nd August, 2008  
Department of Pathology, Hamamatsu University School of Medicine,- Lab Invest. 2008 Jul;88(7):722-30. Epub 2008 May 12. ([DOI Direct Link](#))
- [Vertiginous syndrome.](#)  
*The 652 occurrences of vertiginous syndrome recorded over the 2 year...*15th August, 2008  
Australian GP Statistics & Classification Centre, University of Sydney,- Aust Fam Physician. 2008 May;37(5):299.
- [Tumor necrosis factor alpha can induce recruitment of inflammatory cells to the cochlea.](#)  
*HYPOTHESIS: Leukocyte recruitment to the cochlea can be induced by tumor...*19th July, 2008  
Veterans Affairs Medical Center, La Jolla, California, USA.- Otol Neurotol. 2008 Sep;29(6):854-9. ([DOI Direct Link](#))
- [Histopathological temporal bone study of the metastatic rhabdomyosarcoma.](#)  
*We describe the histopathological temporal bone findings of metastatic...*9th July, 2008  
Otitis Media Research Center, Department of Otolaryngology, University of- Auris Nasus Larynx. 2008 Jul 5. ([DOI Direct Link](#))
- [\[Peripheral vertigo classification. Consensus document. Otoneurology committee of the Spanish otorhinolaryngology society \(2003-2006\)\]](#)  
*There are many different vertigo classifications and different...*3rd July, 2008  
Hospital Universitario la Fe, Universidad de Valencia, Valencia, Espana.- Acta Otorrinolaringol Esp. 2008 Feb;59(2):76-9.
- [AM-111 reduces hearing loss in a guinea pig model of acute labyrinthitis.](#)

- OBJECTIVES/HYPOTHESIS: This study investigated the otoprotective...* 25th June, 2008  
Division of Otolaryngology-Head and Neck Surgery, Department of Surgery,- Laryngoscope. 2007 Dec;117(12):2174-82. ([DOI Direct Link](#))
- [Normal head impulse test differentiates acute cerebellar strokes from vestibular neuritis.](#)  
*OBJECTIVE: To test the diagnostic accuracy of the horizontal head impulse...* 14th June, 2008  
Department of Neurology, The Johns Hopkins University School of Medicine,- Neurology. 2008 Jun 10;70(24 Pt 2):2378-85. ([DOI Direct Link](#))
  - [Does acute dysfunction of the saccular afferents affect the subjective visual horizontal in patients with vestibular neurolabyrinthitis?](#)  
*CONCLUSIONS: The results of a series of studies including the present...* 30th April, 2008  
Department of Otolaryngology, Tokyo Postal Services Agency Hospital,- Acta Otolaryngol Suppl. 2007 Dec;(559):61-4. ([DOI Direct Link](#))
  - [Management of chronic otitis by middle ear obliteration with blind sac closure of the external auditory canal.](#)  
*OBJECTIVE: Description of a technique of middle ear obliteration (MEO)...* 26th February, 2008  
Gruppo Otologico Piacenza, Rome, Italy.- Otol Neurotol. 2008 Jan;29(1):19-22. ([DOI Direct Link](#))
  - [Meningitis resulting in hearing loss and labyrinthitis ossificans - does the causative organism matter?](#)  
*Our aim was to demonstrate whether one causative agent of meningitis is...* 5th February, 2008  
The Sydney Cochlear Implant Centre, University of Sydney, Sydney- Cochlear Implants Int. 2008 Feb 1;9(2):90-96. ([DOI Direct Link](#))
  - [Inner ear and facial nerve complications of acute otitis media, including vertigo.](#)  
*Acute otitis media is one of the most common diagnoses made in children in...* 4th January, 2008  
Division of Pediatric Otolaryngology, Children's Hospital of Pittsburgh,- Curr Allergy Asthma Rep. 2007 Nov;7(6):444-50.
  - [Labyrinthitis related to Wegener granulomatosis: magnetic resonance imaging findings.](#)  
*OBJECTIVE: Description of a technique of middle ear obliteration (MEO)...* 22nd December, 2007  
Otolaryngology-Neurotology Unit, Fondation Adolphe de Rothschild, Paris, France.- Otol Neurotol. 2008 Aug;29(5):721-2. ([DOI Direct Link](#))
  - [Nitrogen and oxygen molecules in meningitis-associated labyrinthitis and hearing impairment.](#)  
*Pneumococcal meningitis remains a serious disease with a case fatality...* 18th December, 2007  
Dept. of Neurology, Klinikum Grosshadern, Ludwig-Maximilians-University,- Infection. 2008 Feb;36(1):2-14. Epub 2007 Dec 14. ([DOI Direct Link](#))
  - [Macrophage inflammatory proteins in cytomegalovirus-related inner ear injury.](#)  
*OBJECTIVE: Inner ear inflammation triggered by CMV infection may play a...* 7th December, 2007  
Department of Pediatric Otolaryngology-Head and Neck Surgery, Cincinnati- Otolaryngol Head Neck Surg. 2007 Oct;137(4):612-8. ([DOI Direct Link](#))

## Labyrinthitis Patents:



- 6326901- [Tactile communication device and method](#)
- 6753164- [Nucleic acids encoding human serpin polypeptide HMCIS41](#)
- 6770466- [Human protein tyrosine phosphatase polynucleotides, polypeptides, and antibodies](#)
- 6861227- [Antibodies to cytokine receptor common gamma chain like](#)
- 6878806- [Human secreted protein HTEEB42](#)

- 6905688- [Albumin fusion proteins](#)
- 6919433- [Antibodies to protein HPMBQ91](#)
- 6926898- [Albumin fusion proteins](#)
- 6927204- [Treatment of inner ear hair cells](#)
- 6946134- [Albumin fusion proteins](#)
- 6951924- [Antibodies against secreted protein HTEBYII](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6653279- [Treatment of inner ear hair cells](#)
- 6627405- [53BP2 complexes](#)
- 6331537- [Carboxylic acids and carboxylic acid isosteres of N-heterocyclic compounds](#)
- 6333352- [Method of treating benign positional vertigo](#)
- 6362227- [Methods for the treatment of tinnitus and other disorders using R\(-\)ketoptofen](#)
- 6383150- [Network-based system for diagnosing balance disorders](#)
- 6429191- [Treatment of hearing impairments](#)
- 6429196- [Treatment of balance impairments](#)
- 6448283- [Methods for preventing/treating damage to sensory hair cells and cochlear neurons](#)
- 6551575- [Methods for identifying compounds for motion sickness, vertigo and other disorders related to balance and the perception of gravity](#)
- 6593290- [Treatment of inner ear hair cells](#)
- 6620851- [Methods for the treatment of neuropathic pain and other disorders using R\(-\)-ketoprofen](#)
- 6974798- [Treatment of balance impairments](#)
- 6974823- [Hydantoin derivative compounds, pharmaceutical compositions, and methods of using same](#)
- 7247714- [Protection against oxidative stress and inflammation by a cytoprotective response element](#)
- 7253169- [Aza compounds, pharmaceutical compositions and methods of use](#)
- 7311958- [Padded corner covers](#)
- 7338936- [Use of antimicrobial proteins and peptides for the treatment of otitis media and paranasal sinusitis](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7375192- [Antibodies that specifically bind to chemokine beta-4](#)
- 7378080- [Methods for identifying compounds for motion sickness, vertigo and other disorders related to balance and the perception of gravity](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7393934- [Human G-protein chemokine receptor \(CCR5\) HDGNR10](#)
- 7238667- [Albumin fusion proteins](#)
- 7238660- [Albumin fusion proteins](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 6994857- [Albumin fusion proteins](#)
- 7026447- [53 human secreted proteins](#)
- 7091315- [Protein HDPBQ71](#)
- 7109302- [Antibodies that specifically bind to GMAD](#)
- 7141547- [Albumin fusion proteins comprising GLP-1 polypeptides](#)
- 7153883- [Carboxylic acids and carboxylic acid isosteres of N-heterocyclic compounds](#)
- 7163797- [50 human secreted proteins](#)
- 7175988- [Human G-protein Chemokine Receptor \(CCR5\) HDGNR10](#)
- 7189690- [Albumin fusion proteins](#)
- 7196164- [Secreted protein HHTLF25](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)

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