What is the “Dizzy Pub Fare?”

The monthly vestibular abstract review identifies timely, emerging evidence within the clinical and scientific literature for rehabilitation providers and scientists interested in treating and investigating vestibular dysfunction and for those seeking to better understand clinical vestibular neurophysiology. Topic areas of emphasis include: vestibular rehabilitation, basic science-vestibular, pathology-vestibular, select authors-vestibular and clinical assessment-vestibular. Queried sources are representative of a broad cross-section of disciplines including professional journals from: ENT, Physical Therapy, Audiology, Rehabilitation medicine, and Neuroscience communities accessed using PubMed (PubCrawler) and other search engines. Most citations are current within 30 days; however, recent, high-impact manuscripts not previously highlighted in this list are also strongly considered for inclusion space permitting.

-Matthew R Scherer PT, PhD, NCS

November Dizzy Pub Fare


October Dizzy Pub Fare


September Dizzy Pub Fare


2. Swanenburg J, Wild K, Straumann D, de Bruin ED. Exergaming in a Moving Virtual World to Train Vestibular Functions and Gait; a Proof-of-Concept-Study With Older Adults. Front Physiol. 2018;9:988. PMID: 30108511


**August Dizzy Pub Fare**


**July 2018 Dizzy Pub Fare**


June 2018 Dizzy Pub Fare

1. Anson E, Bigelow RT, Studenski S, Deshpande N, Agrawal Y. Failure on the Foam Eyes Closed Test of Standing Balance Associated With Reduced Semicircular Canal Function in Healthy Older Adults. Ear Hear. 2018 Jun 11;.: PMID: 29894381


May 2018 Dizzy Pub Fare


April 2018 Dizzy Pub Fare


March 2018 Dizzy Pub Fare


February 2018 Dizzy Pub Fare


3. Tjernström F, Fransson PA, Kahlon B, Karlberg M, Lindberg S, Siesjö P, Magnusson M. PREHAB vs. REHAB -


September 2017 Dizzy Pub Fare


August 2017 Dizzy Pub Fare


March 2017 Dizzy Pub Fare


July 2016 Dizzy Pub Fare


June 2016 Dizzy Pub Fare


May 2016 Dizzy Pub Fare


April 2016 DIZZY PUB FARE


10. Larsson J, Miller M, Hansson EE. Vestibular asymmetry increases double support time variability in a

11. Seo YJ, Park YA, Kong TH, Bae MR, Kim SH. Head position and increased head velocity to optimize video head impulse test sensitivity. Eur Arch Otorhinolaryngol. 2016 Mar 15; PMID: 26980338

**March 2016 Dizzy Pub Fare**


February 2016 Dizzy Pub Fare


10. Albernaz PL, Cusin FS. The Video Head Impulse Test in a Case of Suspected Bilateral Loss of Vestibular Function. Int Arch Otorhinolaryngol. 2016 Jan;20(1):84-6. PMID: 26722351

December/January Dizzy Pub Fare


7. Rambold HA. Age-related Refixating Saccades in the Three-Dimensional Video-Head-Impulse Test: Source and Dissociation From Unilateral Vestibular Failure. Otol Neurotol. 2015 Dec 18;. PMID: 26719965


OCTOBER / NOVEMBER 2015 Dizzy Pub Fare


August/September Dizzy Pub Fare


2. Hoffer ME, Schubert MC, Balaban CD. Early Diagnosis and Treatment of Traumatic Vestibulopathy and


**June/July Dizzy Pub Fare**


3. McGarvie LA, Curthoys IS, MacDougall HG, Halmagyi GM. What does the dissociation between the results of video head impulse versus caloric testing reveal about the vestibular dysfunction in Ménière's disease? Acta Otolaryngol. 2015 Jun 19;1-7. PMID: 26087818


February/March Dizzy Pub Fare


December Dizzy Pub Fare


9) Stiles L, Smith PF. The vestibular - basal ganglia connection: Balancing motor control. Brain Res. 2014 Dec 8;1580:164-79. PMID: 25498858

**November Dizzy Pub Fare**


**September/October Dizzy Pub Fare**


**August Dizzy Pub Fare**


July Dizzy Pub Fare


June 2014 Dizzy Pub Fare


6. Brandt T, Strupp M, Dieterich M. Towards a concept of disorders of "higher vestibular function". Front Integr Neurosci. 2014;8:47. PMID: 24917796


8. de Ru JA, Heerens WC. Dietary Modification as Adjunct Treatment in Menier’s Disease. Otol Neurotol. 2014 Jun 18. PMID: 24945586
May 2014 Dizzy Pub Fare


March 2014 Dizzy Pub Fare


February 2014 Dizzy Pub Fare


January 2014/December 2013 Dizzy Pub Fare


September/October 2013 Dizzy Pub Fare


4. Murofushi T, Komiyama S, Yoshimura E. Do patients who experience episodic tilting or translational
sensations in the pitch plane have abnormal sacculo-collie reflexes? Neurosci Lett. 2013 Aug 20; PMID: 23973336


August 2013 Dizzy Pub Fare


June/July 2013 Dizzy Pub Fare


8. Ignasi PJ, Manuel RV, Guillem S, Antoni MR, Andreu LB.  "Symptomatic vertebral artery stenosis


May 2013 Dizzy Pub Fare


April 2013 Dizzy Pub Fare

1. Zur O, Ronen A, Melzer I, Carmeli E.


PMID: 23584174

2. Chu H, Li MH, Huang YC, Lee SY.
Simultaneous transcutaneous electrical nerve stimulation mitigates simulator sickness symptoms in healthy adults: a crossover study.


PMID: 23587135 [PubMed - as supplied by publisher]

3. Babic BB, Jesic SD, Milovanovic JD, Arsovic NA.
Unintentional conversion of benign paroxysmal positional vertigo caused by repositioning procedures for canalithiasis: transitional BPPV.

Eur Arch Otorhinolaryngol. 2013 Apr 19;. [Epub ahead of print]

PMID: 23605245 [PubMed - as supplied by publisher]

Vestibular function assessment using the NIH Toolbox.
PMID: 23479540 [PubMed - in process]

5. Schwesig R, Fischer D, Kluttig A.
Are there changes in postural regulation across the lifespan?
Somatosens Mot Res. 2013 Apr 5.; [Epub ahead of print]
PMID: 23557248 [PubMed - as supplied by publisher]

New analyses of the sensory organization test compared to the clinical test of sensory integration and balance in patients with benign paroxysmal positional vertigo.
Laryngoscope. 2013 Apr 1.; [Epub ahead of print]
PMID: 23553110 [PubMed - as supplied by publisher]

7. Whitney SL, Sparto PJ, Cook JR, Redfern MS, Furman JM.
Symptoms elicited in persons with vestibular dysfunction while performing gaze movements in optic flow environments.
PMID: 23549055 [PubMed - in process]

8. Morgan MT, Frisia LA, Whitney SL, Furman JM, Sparto PJ.
Reliability and Validity of the Falls Efficacy Scale-International (FES-I) in Individuals With Dizziness and
Imbalance.

Otol Neurotol. 2013 Mar 28;. [Epub ahead of print]

PMID: 23542134 [PubMed - as supplied by publisher]

The epidemiology of vertigo, dizziness, and unsteadiness and its links to co-morbidities.
PMID: 23526567 [PubMed]

10. Mohammad MT, Furman JM, Sparto PJ, Marchetti GF, Whitney SL.
The Effect of Optotype Size and Velocity Parameters on the Performance of Healthy Young Adult Subject: the Gaze Stabilization Test.
Otol Neurotol. 2013 Mar 21;. [Epub ahead of print]
PMID: 23524633 [PubMed - as supplied by publisher]

March 2013 Dizzy Pub Fare


February 2013 Articles

1. **Honaker JA, Lee C, Shepard NT.**

   Clinical Use of the Gaze Stabilization Test for Screening Falling Risk in Community-Dwelling Older Adults.

   Otol Neurotol. 2013 Jan 30; [Epub ahead of print]

   PMID: 23370554 [PubMed - as supplied by publisher]

2. **Gottshall KR, Sessoms PH, Bartlett JL.**

   Vestibular physical therapy intervention: utilizing a computer assisted rehabilitation environment in lieu traditional physical therapy.


   PMID: 23367330 [PubMed - in process]
3. Jáuregui-Renaud K, Cruz-Gómez NS, Villanti Padrón LA.
Repeatability of Static Posturography on the Follow-up of Vestibular Rehabilitation.
Arch Med Res. 2013 Jan 25; [Epub ahead of print]
PMID: 23357098 [PubMed - as supplied by publisher]

4. Peterka RJ.
Use of galvanic vestibular feedback for a balance prosthesis.
PMID: 23367329 [PubMed - in process]

5. Park HK, Kim JS, Strupp M, Zee DS.
Isolated floccular infarction: impaired vestibular responses to horizontal head impulse.
J Neurol. 2013 Jan 31; [Epub ahead of print]
PMID: 23370610 [PubMed - as supplied by publisher]

6. Teixeira FG, Jesus IR, Mello RG, Nadal J.
Role of vestibular sensor on body sway control: Coherence between head acceleration and stabilogram.
PMID: 23367028 [PubMed - in process]

Effect of severity of vestibular dysfunction on postural instability in idiopathic bilateral vestibulopathy.
Acta Otolaryngol. 2013 Jan 28; [Epub ahead of print]
PMID: 23350592 [PubMed - as supplied by publisher]

Double-blind randomized trial on the efficacy of the gufoni maneuver for treatment of lateral car
BPPV.

Laryngoscope. 2013 Feb 4; [Epub ahead of print]

PMID: 23382081 [PubMed - as supplied by publisher]


Dynamic visual acuity testing for screening patients with vestibular impairments.


PMID: 23000614 [PubMed - indexed for MEDLINE]

10. Young LR, Bernard-Demanze L, Dumitrescu M, Magnan J, Borel I, Lacour M.

Postural performance of vestibular loss patients under increased postural threat.


PMID: 23000612 [PubMed - indexed for MEDLINE]

11. Walak J, Szczepanik M, Woszczak M, Józefowicz-Korczyńska M.

Impact of physiotherapy on quality of life improvement in patients with central vestibular system dysfunction.


PMID: 23374658 [PubMed - as supplied by publisher]


Neuroimage. 2013 Feb 15; [Epub ahead of print]

PMID: 23419940 [PubMed - as supplied by publisher]

January 2013 Articles

1. Brodovsky JR, Vnenchak MJ. Vestibular Rehabilitation for Unilateral Peripheral Vestibular


December 2012 Articles


November 2012 Articles

1. Shin JE, Kim CH, Park HJ.
Vestibular abnormality in patients with Meniere's disease and migrainous vertigo.
Acta Otolaryngol. 2012 Nov 13; [Epub ahead of print]
PMID: 23145969 [PubMed - as supplied by publisher]

2. Shigeno K, Ogita H, Funabiki K.
Benign paroxysmal positional vertigo and head position during sleep.

PMID: 23142834 [PubMed - in process]


Vestibular migraine: Diagnostic criteria.
PMID: 23142830 [PubMed - in process]

4. Ogawa Y, Otsuka K, Shimizu S, Inagaki T, Kondo T, Suzuki M.

Subjective visual vertical perception in patients with vestibular neuritis and sudden sensorineural hearing loss.
PMID: 23142835 [PubMed - in process]

5. Tseng CC, Young YH.

Sequence of vestibular deficits in patients with noise-induced hearing loss.
Eur Arch Otorhinolaryngol. 2012 Nov 10;[Epub ahead of print]
PMID: 23143507 [PubMed - as supplied by publisher]

6. Sparrer I, Duong Dinh TA, Ilgner J, Westhofen M.

Vestibular rehabilitation using the Nintendo® Wii Balance Board - a user-friendly alternative for central nervous compensation.
Acta Otolaryngol. 2012 Nov 6;[Epub ahead of print]
PMID: 23131174 [PubMed - as supplied by publisher]

7. Massot C, Schneider AD, Chacron MJ, Cullen KE.

The vestibular system implements a linear-nonlinear transformation in order to encode self-motion.
PMID: 22911113 [PubMed - indexed for MEDLINE]

8. Papathanasiou ES.

Cervical vestibular evoked myogenic potentials and vestibular migraine.
9. **Scherer MR, Claro PJ, Heaton KJ.**

Sleep Deprivation Has No Effect on Dynamic Visual Acuity in Military Service Members Who Are Healthy.

Phys Ther. 2012 Nov 15; [Epub ahead of print]

PMID: 23162043 [PubMed - as supplied by publisher]

10. **Passier L, Doherty D, Smith J, McPhail SM.**

Vestibular rehabilitation following the removal of an acoustic neuroma: a systematic review of randomized trials.


PMID: 23104541 [PubMed - in process]

**October 2012 Articles**

1. **Reid SA, Rivett DA, Katekar M, Callister R.**

Efficacy of manual therapy treatments for people with cervicogenic dizziness and pain: protocol of a randomised controlled trial.


PMID: 23078200 [PubMed - as supplied by publisher]

2. **Pavlou M, Bronstein AM, Davies RA.**

Randomized Trial of Supervised Versus Unsupervised Optokinetic Exercise in Persons With Peripheral Vestibular Disorders.

Neurorehabil Neural Repair. 2012 Oct 16; [Epub ahead of print]

PMID: 23071146 [PubMed - as supplied by publisher]

3. **Young YH.**

Potential application of ocular and cervical vestibular-evoked myogenic potentials in meniere's disease: A review.

Laryngoscope. 2012 Oct 15; [Epub ahead of print]

PMID: 23070719 [PubMed - as supplied by publisher]

4. **Calzada AP, Lopez IA, Ishiyama G, Ishiyama A.**
5. **Ahmed RM, Pohl DV, MacDougall HG, Makeham T, Halmagyi GM.**
   Posterior semicircular canal occlusion for intractable benign positional vertigo: outcome in 55 ears in 53 patients operated upon over 20 years.

6. **Che PY, Hsieh WL, Wei SH, Kao CL.**
   Interactive wii mote gaze stabilization exercise training system for patients with vestibular hypofunction.
   PMID: 23043886 [PubMed - as supplied by publisher]

7. **Baier B, Thömke F, Wilting J, Heinze C, Geber C, Dieterich M.**
   A pathway in the brainstem for roll-tilt of the subjective visual vertical: evidence from a lesion-behavior mapping study.
   PMID: 23100408 [PubMed - in process]

8. **Fakhran S, Alhilali L, Branstetter BF 4th.**
   Yield of CT Angiography and Contrast-Enhanced MR Imaging in Patients with Dizziness.
   PMID: 23099499 [PubMed - as supplied by publisher]

9. **Honaker JA, Shepard NT.**
   Performance of Fukuda Stepping Test as a function of the severity of caloric weakness in chronic dizzy patients.
   PMID: 22967736 [PubMed - indexed for MEDLINE]

10. **Staab JP.**
    Chronic subjective dizziness.
PMID: 23042063 [PubMed - in process]

11. Furman JM, Marcus DA.
Migraine and motion sensitivity.
PMID: 23042062 [PubMed - in process]

September 2012 Articles

Endolymphatic space imaging in idiopathic sudden sensorineural hearing loss with vertigo.
PMID: 22996668 [PubMed - in process]

2. Nakahara H, Yoshimura E, Tsuda Y, Murofushi T.
Damaged utricular function clarified by oVEMP in patients with benign paroxysmal positional vertigo.
Acta Otolaryngol. 2012 Sep 19;. [Epub ahead of print]
PMID: 22992120 [PubMed - as supplied by publisher]

3. Georgescu M, Stoian S, Mogoantă CA, Ciubotaru GV.
Vestibular rehabilitation - election treatment method for compensating vestibular impairment.
PMID: 22990562 [PubMed - in process]

4. Balaban CD, Hoffer ME, Gottshall KR.
Top-down approach to vestibular compensation: Translational lessons from vestibular rehabilitation.
Brain Res. 2012 Sep 6;. [Epub ahead of print]
PMID: 22981400 [PubMed - as supplied by publisher]

5. Yacovino DA.
Cervical vertigo: myths, facts, and scientific evidence.
6. **Nguyen-Huynh AT.**

Evidence-based practice: management of vertigo.

PMID: 22980676 [PubMed - in process]

7. **Georgescu M, Stoian S, Mogoantă CA, Ciubotaru GV.**

Vestibulary rehabilitation - election treatment method for compensating vestibular impairment.

PMID: 22990562 [PubMed - in process]

8. **Honaker JA, Shepard NT.**

Performance of fukuda stepping test as a function of the severity of caloric weakness in chronic dizzy patients.

PMID: 22967736 [PubMed - in process]


Particle Repositioning Maneuver Versus Brandt-Daroff Exercise for Treatment of Unilateral Idiopathic BPPV of the Posterior Semicircular Canal: A Randomized Prospective Clinical Trial With Short- and Long-Term Outcome.

Otol Neurotol. 2012 Aug 29; [Epub ahead of print]
PMID: 22935812 [PubMed - as supplied by publisher]

10. **Lee JD, Park MK, Lee BD, Lee TK, Sung KB, Park JY.**

Abnormality of cervical vestibular-evoked myogenic potentials and ocular vestibular-evoked myogenic potentials in patients with recurrent benign paroxysmal positional vertigo.

Acta Otolaryngol. 2012 Sep 6; [Epub ahead of print]
PMID: 22953719 [PubMed - as supplied by publisher]

August 2012 Articles
1. Kim MB, Ban JH.
Benign paroxysmal positional vertigo accompanied by sudden sensorineural hearing loss: A comparative study with idiopathic benign paroxysmal positional vertigo.
Laryngoscope. 2012 Aug 22; [Epub ahead of print]
PMID: 22915291 [PubMed - as supplied by publisher]

2. Burton MJ, Eby TL, Rosenfeld RM.
Extracts from The Cochrane Library: Modifications of the Epley (Canalith Repositioning) Maneuver for Posterior Canal Benign Paroxysmal Positional Vertigo.
PMID: 22886077 [PubMed - as supplied by publisher]

3. Saman Y, Bamiou DE, Gleeson M, Dutia MB.
Interactions between Stress and Vestibular Compensation - A Review.
PMID: 22866048 [PubMed - as supplied by publisher]

4. Manzari L, Macdougall HG, Burgess AM, Curthoys IS.
New, fast, clinical vestibular tests identify whether a vertigo attack is due to early Meniere’s disease or vestibular neuritis.
Laryngoscope. 2012 Aug 2; [Epub ahead of print]
PMID: 22865414 [PubMed - as supplied by publisher]

5. Manzari L, Burgess AM, Curthoys IS.
Does unilateral utricular dysfunction cause horizontal spontaneous nystagmus?
Eur Arch Otorhinolaryngol. 2012 Aug 7; [Epub ahead of print]
PMID: 22869020 [PubMed - as supplied by publisher]

Gaze Stabilization by Efference Copy Signaling without Sensory Feedback during Vertebrate Locomotion.

Randomized clinical trial for geotropic horizontal canal benign paroxysmal positional vertigo.

Neurology. 2012 Aug 1; [Epub ahead of print]
PMID: 22855868 [PubMed - as supplied by publisher]

8. Thoomes-de Graaf M, Schmitt MS.

The Effect of Training the Deep Cervical Flexors on Neck Pain, Mobility, and Dizziness in a Patient With Chronic Nonspecific Neck Pain After Prolonged Bed Rest: A Case Report.
PMID: 22836219 [PubMed - as supplied by publisher]


Objective evaluation of neck muscle tension and static balance in patients with chronic dizziness.
PMID: 22831284 [PubMed - as supplied by publisher]

10. Son EJ, Lim HJ, Choung YH, Park K, Park HY.

Spontaneous nystagmus in horizontal canal benign paroxysmal positional vertigo.
Auris Nasus Larynx. 2012 Jul 24; [Epub ahead of print]
PMID: 22835731 [PubMed - as supplied by publisher]

July 2012 Articles


Auditory and Vestibular Symptoms and Chronic Subjective Dizziness in Patients With MĂ©niĂ¨re's Disease, Vestibular Migraine, and MĂ©niĂ¨re's Disease With Concomitant Vestibular Migraine.
Otol Neurotol. 2012 Jul 13; [Epub ahead of print]
PMID: 22801040 [PubMed - as supplied by publisher]

2. Janky KL, Zuniga MG, Carey JP, Schubert M.
Balance Dysfunction and Recovery After Surgery for Superior Canal Dehiscence Syndrome.


PMID: 22801722 [PubMed - as supplied by publisher]


Clinical and video-assisted examination of the vestibulo-ocular reflex: a comparative study.

Acta Otorrinolaringol Esp. 2012 Jul 10;. [Epub ahead of print]

PMID: 22789453 [PubMed - as supplied by publisher]


Exercise Prescription Patterns in Patients Treated with Vestibular Rehabilitation After Concussion.

Physiother Res Int. 2012 Jul 12;. [Epub ahead of print]

PMID: 22786783 [PubMed - as supplied by publisher]

5. Piker EG, Jacobson GP, Tran AT, McCaslin DL, Hale ST.

Spouse Perceptions of Patient Self-Reported Vertigo Severity and Dizziness.

Otol Neurotol. 2012 Jul 4;. [Epub ahead of print]

PMID: 22772005 [PubMed - as supplied by publisher]


New portable tool to screen vestibular and visual function-National Institutes of Health Toolbox initiative.


PMID: 22773523 [PubMed - in process]

7. Lin MC, Young YH.

The Use of Vestibular Test Battery to Identify the Stages of Delayed Endolymphatic Hydrops.


PMID: 22753613 [PubMed - as supplied by publisher]

8. Arthur JC, Kortte KB, Shelhamer M, Schubert MC.

Linear path integration deficits in patients with abnormal vestibular afference.

9. **Cullen KE.**

The vestibular system: multimodal integration and encoding of self-motion for motor control.


PMID: 22245372 [PubMed - indexed for MEDLINE]

10. **Fujimoto C, Murofushi T, Sugasawa K, Chihara Y, Ushio M, Yamasoba T, Iwasaki S.**

Bilateral vestibulopathy with dissociated deficits in the superior and inferior vestibular systems.


PMID: 22737960 [PubMed - in process]

### June 2012 Articles

1. **Agrawal Y, Zuniga MG, Davalos-Bichara M, Schubert MC, Walston JD, Hughes J, Carey JP.**

Decline in semicircular canal and otolith function with age.


PMID: 22699991 [PubMed - in process]


Diplopia due to skew deviation following neurotologic procedures.


PMID: 22699992 [PubMed - in process]

3. **Cheng YL, Wu HJ, Lee GS.**

Effects of plateau time and ramp time on ocular vestibular evoked myogenic potentials.


PMID: 22699151 [PubMed - in process]
4. **Colebatch JG.**

Mapping the vestibular evoked myogenic potential (VEMP).


PMID: 22699150 [PubMed - in process]

5. **Anastasopoulos D, Anagnostou E.**

Invariance of vestibulo-ocular reflex gain to head impulses in pitch at different initial eye-in-orbit elevations: Implications for Alexander's law.

Acta Otolaryngol. 2012 Jun 5;. [Epub ahead of print]

PMID: 22668130 [PubMed - as supplied by publisher]

6. **Cohen HS, Sangi-Haghpeykar H.**

Subjective visual vertical in vestibular disorders measured with the bucket test.

Acta Otolaryngol. 2012 Jun 5;. [Epub ahead of print]

PMID: 22667824 [PubMed - as supplied by publisher]

7. **Anastasopoulos D, Anagnostou E.**

Invariance of vestibulo-ocular reflex gain to head impulses in pitch at different initial eye-in-orbit elevations: Implications for Alexander's law.

Acta Otolaryngol. 2012 Jun 5;. [Epub ahead of print]

PMID: 22668130 [PubMed - as supplied by publisher]

May 2012 Articles

1. **Allum JH.**

Recovery of vestibular ocular reflex function and balance control after a unilateral peripheral vestibular deficit.

2. Testa D, Castaldo G, De Santis C, Trusio A, Motta G.
   Treatment of horizontal canal benign paroxysmal positional vertigo: a new rehabilitation technique.
   PMID: 22619605 [PubMed - in process]

3. Manzari L, Burgess AM, Macdougall HG, Curthoys IS.
   Objective measures of vestibular function during an acute vertigo attack in a very young child.
   Eur Arch Otorhinolaryngol. 2012 May 13; [Epub ahead of print]
   PMID: 22580617 [PubMed - as supplied by publisher]

4. Tavassolie TS, Penninger RT, Zuñiga MG, Minor LB, Carey JP.
   Multislice computed tomography in the diagnosis of superior canal dehiscence: how much error, and how to minimize it?
   PMID: 22222573 [PubMed - indexed for MEDLINE]

5. Ahmed RM, Hannigan IP, Macdougall HG, Chan RC, Halmagyi GM.
   Gentamicin ototoxicity: a 23-year selected case series of 103 patients.
   PMID: 22554194 [PubMed - as supplied by publisher]

6. Eleftheriadou A, Skalidi N, Velegrakis GA.
   Vestibular rehabilitation strategies and factors that affect the outcome.
   Eur Arch Otorhinolaryngol. 2012 Apr 21; [Epub ahead of print]
   PMID: 22526580 [PubMed - as supplied by publisher]
7. Kim MB, Huh SH, Ban JH. 
Diversity of Head Shaking Nystagmus in Peripheral Vestibular Disease. 
Otol Neurotol. 2012 Apr 20;. [Epub ahead of print] 
PMID: 22525213 [PubMed - as supplied by publisher]

8. Isozaki E, Tobisawa S, Naito R, Mizutani T, Matsubara S. 
Eye movement disturbance in multiple system atrophy: chronological study of 50 patients. 
PMID: 22531653 [PubMed - in process]

April 2012 Articles

Effectiveness of conventional versus virtual reality based vestibular rehabilitation in the treatment of dizziness, gait and balance impairment in adults with unilateral peripheral vestibular loss: a randomized controlled trial. 
PMID: 22449224 [PubMed - as supplied by publisher]

2. Curthoys IS. 
The interpretation of clinical tests of peripheral vestibular function. 
Laryngoscope. 2012 Mar 27;. [Epub ahead of print] 
PMID: 22460150 [PubMed - as supplied by publisher]

The Development and Validation of the Vestibular Activities and Participation (VAP) Measure. 
PMID: 22465405 [PubMed - as supplied by publisher]
Interference between walking and a cognitive task is increased in patients with bilateral vestibular loss.
Gait Posture. 2012 Mar 30; [Epub ahead of print]
PMID: 22465706 [PubMed - as supplied by publisher]

A Device for the Functional Evaluation of the VOR in Clinical Settings.
PMID: 22470364 [PubMed - in process]

6. Caixeta GC, Don F, Gazzola JM.
Cognitive processing and body balance in elderly subjects with vestibular dysfunction.
Braz J Otorhinolaryngol. 2012 Apr;78(2):87-95.
PMID: 22499375 [PubMed - as supplied by publisher]

7. Lee YJ, Shin JE, Park MS, Kim JM, Na BR, Kim CH, Park HJ.
Comprehensive Analysis of Head-Shaking Nystagmus in Patients with Vestibular Neuritis.
Audiol Neurootol. 2012 Apr 5;17(4):228-234. [Epub ahead of print]
PMID: 22487934 [PubMed - as supplied by publisher]

8. Snapp HA, Schubert MC.
Habilitation of auditory and vestibular dysfunction.
9. Curthoys IS, Vulovic V, Manzari L.

Ocular vestibular-evoked myogenic potential (oVEMP) to test utricular function: neural and oculomotor evidence.


PMID: 22500066 [PubMed - in process]


Outcomes of autogenic training for patients with chronic subjective dizziness.


PMID: 22469287 [PubMed - in process]

March 2012 Articles

1. Wahlgren A, Palombaro K.

Evidence-Based Physical Therapy for BPPV Using the International Classification of Functioning, Disability and Health Model: A Case Report.

J Geriatr Phys Ther. 2012 Mar 9;. [Epub ahead of print]

PMID: 22411081 [PubMed - as supplied by publisher]


Neural correlates of oddball detection in self-motion heading: A high-density event-related potential study of vestibular integration.

Exp Brain Res. 2012 Mar 21;. [Epub ahead of print]

PMID: 22434342 [PubMed - as supplied by publisher]


Visual acuity while walking and oscillopsia severity in healthy subjects and patients with unilateral and bilateral vestibular function loss.
bilateral vestibular function loss.

PMID: 22431876 [PubMed - in process]

4. Akin FW, Murnane OD, Tampas JW, Clinard C, Byrd S, Kelly JK.
The Effect of Noise Exposure on the Cervical Vestibular Evoked Myogenic Potential.
Ear Hear. 2012 Mar 21;. [Epub ahead of print]
PMID: 22441358 [PubMed - as supplied by publisher]

The reliability and response stability of dynamic testing of the vestibulo-ocular reflex in patients with vestibular disease.

6. Golder MD, Earl EM, Mallery LH.
Vestibular and Motor Contributions to Mobility: Limitations of Seniors Awaiting Discharge from Hospital Care.
Physiother Res Int. 2012 Mar 13;. [Epub ahead of print]
PMID: 22416045 [PubMed - as supplied by publisher]

7. Macdougall HG, Curthoys IS.
Plasticity during Vestibular Compensation: The Role of Saccades.

8. Jutila T, Aalto H, Hirvonen TP.
Recovery of the horizontal vestibulo-ocular reflex in motorized head impulse test is common after vestibular loss.

Acta Otolaryngol. 2012 Mar 4; [Epub ahead of print]
PMID: 22384833 [PubMed - as supplied by publisher]

Clinical characteristics and natural course of recurrent vestibulopathy: A long-term follow-up study.
Laryngoscope. 2012 Jan 6; [Epub ahead of print]
PMID: 22374685 [PubMed - as supplied by publisher]

PMID: 22363316 [PubMed - in process]

February 2012 Articles

1. Baier B, Suchan J, Karnath HO, Dieterich M.
Neural correlates of disturbed perception of verticality.
Neurology. 2012 Feb 22; [Epub ahead of print]
PMID: 22357719 [PubMed - as supplied by publisher]

2. Staab JP.
Clinical clues to a dizzying headache.
PMID: 22348938 [PubMed - in process]

3. Balaban CD.
Migraine, vertigo and migrainous vertigo: Links between vestibular and pain mechanisms.
PMID: 22348936 [PubMed - in process]

4. Whitney SL, Sparto PJ.
Principles of vestibular physical therapy rehabilitation.
5. **Dispenza F, Kulamarva G, De Stefano A.**
Comparison of repositioning maneuvers for benign paroxysmal positional vertigo of posterior semicircular canal: advantages of hybrid maneuver.
Am J Otolaryngol. 2012 Feb 6;. [Epub ahead of print]
PMID: 22317838 [PubMed - as supplied by publisher]

6. **Van Horn MR, Cullen KE.**
Coding of microsaccades in three-dimensional space by premotor saccadic neurons.
PMID: 22323711 [PubMed - in process]

7. **von Brevern M, Neuhauser H.**
Epidemiological evidence for a link between vertigo and migraine.
PMID: 22348934 [PubMed - in process]

8. **Tusa RJ, Gore R.**
Dizziness and vertigo: emergencies and management.
PMID: 22284055 [PubMed - in process]

Vestibular and stabilometric findings in whiplash injury and minor head trauma.
PMID: 22323849 [PubMed - in process]

10. **Gordon CR, Almog Y.**
Positional convergence spasm mimicking benign paroxysmal positional vertigo.
Neurology. 2012 Feb 15;. [Epub ahead of print]
PMID: 22345223 [PubMed - as supplied by publisher]

**January 2012 Articles**

1. **Han BI, Song HS, Kim JS.**
Vestibular rehabilitation therapy: review of indications, mechanisms, and key exercises.
PMID: 22259614 [PubMed - in process]

2. **Wrisley DM, Stephens MJ.**
The effects of rotational platform training on balance and ADLs.


PMID: 22255101 [PubMed - in process]

3. Pothier DD, Hughes C, Dillon W, Ranalli PJ, Rutka JA.

The Use of Real-Time Image Stabilization and Augmented Reality Eyewear in the Treatment of Oscillopsia.


PMID: 22261498 [PubMed - as supplied by publisher]

4. Kasse CA, Santana GG, Branco-Barreiro FC, Scharlach RC, Gazzola JM, Gananâ’sa FF, Donâ’t F.

Postural Control in Older Patients with Benign Paroxysmal Positional Vertigo.


PMID: 22247515 [PubMed - as supplied by publisher]


Vestibular evoked myogenic potentials to sound and vibration: characteristics in vestibular migraine that enable separation from Meniere’s disease.

Cephalalgia. 2012 Jan 18;. [Epub ahead of print]

PMID: 22259049 [PubMed - as supplied by publisher]

6. Cullen KE.

The vestibular system: multimodal integration and encoding of self-motion for motor control.

Trends Neurosci. 2012 Jan 12;. [Epub ahead of print]

PMID: 22245372 [PubMed - as supplied by publisher]

7. Lim HW, Kim KM, Jun HJ, Chang J, Jung HH, Chae SW.

Correlating the Head Shake-Sensory Organizing Test With Dizziness Handicap Inventory in Compensation After Vestibular Neuritis.

Otol Neurotol. 2011 Dec 30;. [Epub ahead of print]

PMID: 22215455 [PubMed - as supplied by publisher]

8. Welgampola MS, Bradshaw A, Halmagyi GM.
Practical neurology--4: Dizziness on head movement.


PMID: 22060084 [PubMed - indexed for MEDLINE]


Can Vestibular-Evoked Myogenic Potentials Help Differentiate Meniere Disease from Vestibular Migraine?

Otolaryngol Head Neck Surg. 2012 Jan 20; [Epub ahead of print]

PMID: 22267492 [PubMed - as supplied by publisher]

November 2011 Articles

1. Mohammad MT, Whitney SL, Marchetti GF, Sparto PJ, Ward BK, Furman JM.

The reliability and response stability of dynamic testing of the vestibulo-ocular reflex in patients with vestibular disease.


PMID: 22101298 [PubMed - in process]

2. Honaker JA, Shepard NT.

Use of the Dynamic Visual Acuity Test as a screener for community-dwelling older adults who fall.


PMID: 22101297 [PubMed - in process]

3. Welgampola MS, Bradshaw A, Halmagyi GM.

Dizziness on head movement.


PMID: 22060084 [PubMed - in process]


Characterisation and objective monitoring of balance disorders following head trauma, using videonystagmography.


PMID: 22035505 [PubMed - as supplied by publisher]


12. Hain TC.

Neurophysiology of vestibular rehabilitation.


PMID: 22027074 [PubMed - in process]

October 2011 Articles

1. Herdman SJ, Hall CD, Delaune W.

Variables Associated With Outcome in Patients With Unilateral Vestibular Hypofunction.

Neurorehabil Neural Repair. 2011 Sep 29; [Epub ahead of print]

PMID: 21959673 [PubMed - as supplied by publisher]

2. Kolesnikova OV, Raphan T, Cohen B, Yakushin SB.

Orientation adaptation of eye movement-related vestibular neurons due to prolonged head tilt.


The basis for using bone-conducted vibration or air-conducted sound to test otolithic function.


PMID: 21950999 [PubMed - in process]

T. Jahn K.

Locomotion speed determines gait variability in cerebellar ataxia and vestibular failure.

Mov Disord. 2011 Oct 13; [Epub ahead of print]

PMID: 21997342 [PubMed - as supplied by publisher]

5. Zhang YB, Wang WQ.

Reliability of the fukuda stepping test to determine the side of vestibular dysfunction.


PMID: 21986145 [PubMed - in process]


Vestibular migraine--validity of clinical diagnostic criteria.


PMID: 21508087 [PubMed - indexed for MEDLINE]

7. Murnane OD, Akin FW, Kelly KJ, Byrd S.

Effects of stimulus and recording parameters on the air conduction ocular vestibular evoked myogenic potential.


PMID: 21993052 [PubMed - in process]

8. Furman M, Rizzolo D.

Evaluating the patient with vertigo: a complex complaint made simple.


PMID: 22010566 [PubMed - in process]


Double-blind randomized trial on short-term efficacy of the Semont maneuver for the treatment of posterior canal benign paroxysmal positional vertigo.

J Neurol. 2011 Oct 19; [Epub ahead of print]

PMID: 22008871 [PubMed - as supplied by publisher]
10. **Fasunla AJ, Ibekwe TS, Nwaorgu OG.**


PMID: 22010959 [PubMed - as supplied by publisher]

---

**September 2011 Articles**

1. **Lystad RP, Bell G, Bonnevie-Svendsen M, Carter CV.**

Manual therapy with and without vestibular rehabilitation for cervicogenic dizziness: a systematic review.


PMID: 21923933

2. **Winkler PA, Esses B.**

Platform tilt perturbation as an intervention for people with chronic vestibular dysfunction.


PMID: 21934371

3. **Balatsouras DG.**

Benign paroxysmal positional vertigo with multiple canal involvement.

*Am J Otolaryngol. 2011 Sep 12; [Epub ahead of print]*

PMID: 21917354

4. **Kheradmand A, Zee DS.**

Cerebellum and ocular motor control.

*Front Neurol. 2011;2:53.*

PMID: 21909334

5. **Peterka RJ, Statler KD, Wrisley DM, Horak FB.**

Postural compensation for unilateral vestibular loss.

*Front Neurol. 2011;2:57.*

PMID: 21922014


The Modified Romberg Balance Test: Normative Data in U.S. Adults.

*Otol Neurotol. 2011 Sep 1; [Epub ahead of print]*

PMID: 21892121

7. **Korres S, Riga MG, Xenellis J, Korres GS, Danielides V.**


*Otol Neurotol. 2011 Sep 3; [Epub ahead of print]*
8. **Trato J, Johnson EG.**
Differential diagnosis and management of a patient with peripheral vestibular and central nervous system disorders: a case study.
PMID: 21886427 [PubMed - in process]

Dizziness impairs health-related quality of life.
Qual Life Res. 2011 Sep 1; [Epub ahead of print]
PMID: 21881925 [PubMed - as supplied by publisher]

**August 2011 Articles**

1. **Riga M, Bibas A, Xenellis J, Korres S.**
Inner ear disease and benign paroxysmal positional vertigo: a critical review of incidence, clinical characteristics, and management.
PMID: 21837242 [PubMed - in process]

2. **Valente LM.**
Assessment techniques for vestibular evaluation in pediatric patients.
PMID: 21474004 [PubMed - indexed for MEDLINE]

3. **McCaslin DL, Jacobson GP, Gruenwald JM.**
The predominant forms of vertigo in children and their associated findings on balance function testing.

4. **Dutheil S, Lacour M, Tighilet B.**
Neurogenic potential of the vestibular nuclei and behavioural recovery time course in the adult cat are governed by the nature of the vestibular damage.
PMID: 21853029 [PubMed - in process]
5. **Toupet M, Ferrary E, Grayeli AB.**
Visual analog scale to assess vertigo and dizziness after repositioning maneuvers for benign paroxysmal positional vertigo.
PMID: 21846956 [PubMed - in process]

Stocktaking on the development of posturography for clinical use.
PMID: 21558367 [PubMed - indexed for MEDLINE]

Are postural restrictions necessary for management of posterior canal benign paroxysmal positional vertigo?

8. **Pirodda A, Ferri GG, Raimondi MC, Borghi C.**
Diuretics in Meniere disease: A therapy or a potential cause of harm?
Med Hypotheses. 2011 Aug 22;. [Epub ahead of print]

9. **Izawa Y, Suzuki H, Shinoda Y.**
Suppression of Smooth Pursuit Eye Movements Induced by Electrical Stimulation of the Monkey Frontal Eye Field.
J Neurophysiol. 2011 Aug 17;. [Epub ahead of print]
PMID: 21849604 [PubMed - as supplied by publisher]

10. **Findling O, Schuster C, Sellner J, Ettlin T, Allum JH.**
Gait Posture. 2011 Jul 29;. [Epub ahead of print]
PMID: 21803583 [PubMed - as supplied by publisher]

Current and future management of bilateral loss of vestibular sensation - an update on the Johns Hopkins Multichannel Vestibular Prosthesis Project.
Cochlear Implants Int. 2010 Sep;11 Suppl 2:2-11.
PMID: 21756683 [PubMed - indexed for MEDLINE]
July 2011 Articles


May/June 2011 Articles

2. **Dannenbaum E, Chilingaryan G, Fung J.**
Visual vertigo analogue scale: An assessment questionnaire for visual vertigo. 
PMID: 21558640 [PubMed - in process]

3. **Chen Y, Huang W.**
Non-impact, blast-induced mild TBI and PTSD: Concepts and caveats. 
Brain Inj. 2011 May 23;. [Epub ahead of print] 
PMID: 21604927 [PubMed - as supplied by publisher]

4. **Morozetti PG, GananÁ‡a CF, Chiari BM.**
Comparison of different protocols for vestibular rehabilitation in patients with peripheral vestibular disorders. 
PMID: 21552732 [PubMed - as supplied by publisher]

5. **Piker EG, Jacobson GP, McCaslin DL, Hood LJ.**
Normal characteristics of the ocular vestibular evoked myogenic potential. 
PMID: 21586257 [PubMed - in process]

Test-retest reliability of vibration-induced nystagmus in peripheral dizzy patients. 
PMID: 21248405 [PubMed - indexed for MEDLINE]

7. Beraneck M, Straka H. **Vestibular signal processing by separate sets of neuronal filters.**


**April 2011 Articles**

1. **Gillespie MB.**
In response to The canalith repositioning procedure for benign positional vertigo: A meta-analysis. 
Laryngoscope. 2011 Apr;121(4):901.
2. **Janky KL, Shepard NT.**

Unilateral centrifugation: utricular assessment and protocol comparison.

3. **Cullen KE, Yates BJ.**

Vestibular neurophysiology: a collection of papers in honor of the career of Jay Goldberg.
Exp Brain Res. 2011 Mar 30;. [Epub ahead of print]
PMID: 21448574 [PubMed - as supplied by publisher]

4. **Goldberg JM, Cullen KE.**

Vestibular control of the head: possible functions of the vestibulocollic reflex.
Exp Brain Res. 2011 Mar 26;. [Epub ahead of print]
PMID: 21442224 [PubMed - as supplied by publisher]

5. **Alrwaily M, Whitney SL.**

Vestibular rehabilitation of older adults with dizziness.
PMID: 21474018 [PubMed - in process]

6. **McCасlin DL, Jacobson GP, Gruenwald JM.**

The predominant forms of vertigo in children and their associated findings on balance function testing.

7. **Strupp M, Thurtell MJ, Shaikh AG, Brandt T, Zee DS, Leigh RJ.**

Pharmacotherapy of vestibular and ocular motor disorders, including nystagmus.
J Neurol. 2011 Apr 2;. [Epub ahead of print]
PMID: 21461686 [PubMed - as supplied by publisher]


Vestibular impairment and adaptive postural imbalance in parkinsonian patients with lateral trunk flexion.
Mov Disord. 2011 Apr 4;. [Epub ahead of print]
PMID: 21465552 [PubMed - as supplied by publisher]


Challenges and Opportunities in Managing the Dizzy Older Adult.
Otolaryngol Head Neck Surg. 2011 Feb 18;. [Epub ahead of print]
PMID: 21493351 [PubMed - as supplied by publisher]

10. **Hong SM, Kim SK, Park CH, Lee JH.**
Vestibular-Evoked Myogenic Potentials in Migrainous Vertigo.
PMID: 21493432 [PubMed - as supplied by publisher]

March 2011 Articles

1. **Anagnostou E, Heimberger J, Sklavos S, Anastasopoulos D.**
Alexander's law during high-acceleration head rotations in humans.
Neuroreport. 2011 Feb 19;. [Epub ahead of print]
PMID: 21346643 [PubMed - as supplied by publisher]

Evidence of Central and Peripheral Vestibular Pathology in Blast-Related Traumatic Brain Injury.
Otol Neurotol. 2011 Feb 24;. [Epub ahead of print]
PMID: 21358450 [PubMed - as supplied by publisher]

3. **Dai C, Fridman GY, Chiang B, Davidovics NS, Melvin TA, Cullen KE, Della Santina CC.**
Cross-axis adaptation improves 3D vestibulo-ocular reflex alignment during chronic stimulation via a head-mounted multichannel vestibular prosthesis.
Exp Brain Res. 2011 Mar 4;. [Epub ahead of print]
PMID: 21374081 [PubMed - as supplied by publisher]

Gait instability caused by vestibular disorders - Analysis by tactile sensor.
Auris Nasus Larynx. 2011 Mar 1;. [Epub ahead of print]
PMID: 21371839 [PubMed - as supplied by publisher]
5. **Strzelczyk A, Kepenek Y, Rindock H, MÃ¼ller-Mazzotta J, Oertel WH, Mylius V, Rosenow F.**

Benign paroxysmal positional vertigo following diagnostic transcranial magnetic stimulation.

*Neurol Sci.* 2011 Mar 4; [Epub ahead of print]

6. **Pollak L, Kushnir M, Goldberg HS.**

Physical inactivity as a contributing factor for onset of idiopathic benign paroxysmal positional vertigo.

*Acta Otolaryngol.* 2011 Feb 18; [Epub ahead of print]

PMID: 21332295 [PubMed - as supplied by publisher]

7. **Whitney SL, Roche JL, Marchetti GF, Lin CC, Steed DP, Furman GR, Musolino MC, Redfern MS.**

A comparison of accelerometry and center of pressure measures during computerized dynamic posturography: A measure of balance.

*Gait Posture.* 2011 Feb 16; [Epub ahead of print]

PMID: 21333541 [PubMed - as supplied by publisher]

8. **Hirvonen TP, Jutila T, Aalto H.** Subjective head vertical test reveals subtle head tilt in unilateral peripheral vestibular loss.

*Eur Arch Otorhinolaryngol.* 2011 Mar 15; [Epub ahead of print]  
PMID: 21400254

9. **Balaban CD, Jacob RG, Furman JM.**

Neurologic bases for comorbidity of balance disorders, anxiety disorders and migraine: neurotherapeutic implications.

PMID: 21375443 [PubMed - in process]