

## CHAPTER 7

### REFERENCES

- Aggarwal, N. T., Bennett, D. a, Bienias, J. L., Mendes de Leon, C. F., Morris, M. C., & Evans, D. a. (2000). The prevalence of dizziness and its association with functional disability in a biracial community population. *The Journals of Gerontology. Series A, Biological Sciences and Medical Sciences*, 55(5), M288–M292. <http://doi.org/10.1093/gerona/55.5.M288>
- Agrawal, Y., Bremova, T., Kremmyda, O., Strupp, M., & MacNeilage, P. R. (2013). Clinical testing of otolith function: Perceptual thresholds and myogenic potentials. *JARO - Journal of the Association for Research in Otolaryngology*, 14(6), 905–915. <http://doi.org/10.1007/s10162-013-0416-x>
- Agus, S., Benecke, H., Thum, C., & Strupp, M. (2013). Clinical and demographic features of vertigo: Findings from the REVERT registry. *Frontiers in Neurology*, 4 MAY. <http://doi.org/10.3389/fneur.2013.00048>
- Akin, F. W., Murnane, O. D., & Proffitt, T. M. (2003). The effects of click and tone-burst stimulus parameters on the vestibular evoked myogenic potential (VEMP). *Journal of the American Academy of Audiology*, 14(9), 500–509; quiz 534–535. <http://doi.org/10.3766/jaaa.14.9.5>
- Akkuzu, G., Akkuzu, B., & Ozluoglu, L. N. (2006). Vestibular evoked myogenic potentials in benign paroxysmal positional vertigo and Meniere's disease. *Eur Arch Otorhinolaryngol*, 263(6), 510–517. <http://doi.org/10.1007/s00405-005-0002-x>
- Alghwiri, A. A. (2011). The development and validation of the vestibular activities and participation (VAP) measure for people with vestibular disorders based on the international classification of functioning, disability and health (ICF). Pro Quest Dissertations and Theses.
- Alghwiri, A. A., Whitney, S. L., Baker, C. E., Sparto, P. J., Marchetti, G. F., Rogers, J. C., & Furman, J. M. (2012). The development and validation of the vestibular activities and participation measure. *Archives of Physical Medicine and Rehabilitation*. <http://doi.org/10.1016/j.apmr.2012.03.017>
- Amor-Dorado, J. C., Llorca, J., Costa-Ribas, C., Garcia-Porrúa, C., & Gonzalez-Gay, M. A. (2004). *Giant cell arteritis: a new association with benign paroxysmal positional vertigo*. *Laryngoscope*, 114(8), 1420–1425. <http://doi.org/00005537-200408000-00020> [pii]
- Angeli, S. I., Abouyared, M., Snapp, H., & Jethanamest, D. (2014). Utricular Dysfunction in Refractory Benign Paroxysmal Positional Vertigo.

- Otolaryngology--Head and Neck Surgery: Official Journal of American Academy of Otolaryngology-Head and Neck Surgery*, 151(2), 321–327. <http://doi.org/10.1177/0194599814533075>
- Asmundson, G. J., Stein, M. B., & Ireland, D. (1999). A factor analytic study of the dizziness handicap inventory: does it assess phobic avoidance in vestibular referrals? *J Vestib Res*, 9(1), 63–68.
- Asprella-Libonati, G. (2008). Pseudo-spontaneous nystagmus: a new sign to diagnose the affected side in lateral semicircular canal benign paroxysmal positional vertigo. *Acta Otorhinolaryngologica Italica: Organo Ufficiale Della Societa Italiana Di Otorinolaringologia E Chirurgia Cervico-Facciale*, 28(2), 73–78.
- Asprella-Libonati, G. (2014). Lateral canal BPPV with Pseudo- Spontaneous Nystagmus masquerading as vestibular neuritis in acute vertigo: A series of 273 cases. *In Journal of Vestibular Research: Equilibrium and Orientation (Vol. 24, pp. 343–349)*. <http://doi.org/10.3233/VES-140532>
- B., G., P., V., & P., P. (2005). Definition and classification of paroxysmal positional vertigo. *Audiological Medicine*, 3(1), 4–6. Retrieved from <http://www.embase.com/search/results?>
- Baloh, R. W., Honrubia, V., & Jacobson, K. (1987). Benign positional vertigo: clinical and oculographic features in 240 cases. *Neurology*, 37(3), 371–378. <http://doi.org/10.1212/WNL.37.3.371>
- Barany, R. (1920). Diagnose von Krankheitserscheinungen im Bereiche des Otolithenapparates. *Acta Otolaryngol*, 2(3), 434–437.
- Bath, A., Walsh, R., & Ranalli, P. (2000). Experience from a multidisciplinary“ dizzy” clinic. *Am J Otol*.
- Bertholon, P., Bronstein, a M., Davies, R. a, Rudge, P., & Thilo, K. V. (2002). Positional down beating nystagmus in 50 patients: cerebellar disorders and possible anterior semicircular canalithiasis. *Journal of Neurology, Neurosurgery, and Psychiatry*, 72, 366–372. <http://doi.org/10.1136/jnnp.72.3.366>
- Bertholon, P., Tringali, S., Faye, M. B., Antoine, J. C., & Martin, C. (2006). Prospective study of positional nystagmus in 100 consecutive patients. *Annals of Otolaryngology, Rhinology and Laryngology*, 115(8), 587–594. <http://doi.org/10.1177/000348940611500804>
- Bhattacharyya, N., Baugh, R. F., Orvidas, L., Barrs, D., Bronston, L. J., Cass, S., ... Haidari, J. (2008). Clinical practice guideline: benign paroxysmal positional vertigo. *Otolaryngology--Head and Neck Surgery: Official Journal*

- of American Academy of Otolaryngology-Head and Neck Surgery, 139(5 Suppl 4), S47–81. <http://doi.org/10.1016/j.otohns.2008.08.022>*
- Black, F. O., Angel, C. R., Pesznecker, S. C., & Gianna, C. (2000). Outcome analysis of individualized vestibular rehabilitation protocols. *The American Journal of Otology, 21(4)*, 543–551.
- Blessing, R., Strutz, J., & Beck, C. (1986). [Epidemiology of benign paroxysmal positional vertigo]. *Laryngologie, Rhinologie, Otologie, 65(8)*, 455–458.
- Boleas-Aguirre, M., Sánchez-Ferrándiz, N., Artieda, J., & Pérez, N. (2007). [Vestibular evoked myogenic potentials and benign paroxysmal positional vertigo]. *Acta Otorrinolaringológica Española, 58(5)*, 173–7. [http://doi.org/http://dx.doi.org/10.1016/S2173-5735\(07\)70329-0](http://doi.org/http://dx.doi.org/10.1016/S2173-5735(07)70329-0)
- Brandt, T., & Steddin, S. (1993). Current view of the mechanism of benign paroxysmal positioning vertigo: *cupulolithiasis or canalolithiasis?* *J Vestib Res, 3(4)*, 373–382. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/8275271>
- Brevern, M. Von, Schmidt, T., Scho, U., Lempert, T., & Clarke, A. H. (2005). *Utricular Dysfunction in Patients with Benign Paroxysmal Positional Vertigo, (11)*, 92–96.
- Balatsouras, P. Ganelis, A. Aspris, N. C. Economou, A. Moukos, and G. Koukoutsis, (2012). Benign paroxysmal positional vertigo associated with Meniere's disease: epidemiological, pathophysiologic, clinical, and the therapeutic aspects. *The Annals of Otology, Rhinology and Laryngology, 121(10)*, 682–688, 2012.
- Bronstein, A. M., Golding, J. F., Gresty, M. A., Mandal, M., Nuti, D., Shetye, A., & Silove, Y. (2010). The social impact of dizziness in London and Siena. *Journal of Neurology, 257(2)*, 183–190. <http://doi.org/10.1007/s00415-009-5287-z>
- Cartwright, a D., Cremer, P. D., Halmagyi, G. M., & Curthoys, I. S. (2000). Isolated directional preponderance of caloric nystagmus: II. A neural network model. *The American Journal of Otology, 21*, 568–572.
- Casani, A. P., Vannucci, G., Fattori, B., & Berrettini, S. (2002). The treatment of horizontal canal positional vertigo: our experience in 66 cases. *The Laryngoscope, 112(1)*, 172–8. <http://doi.org/10.1097/00005537-200201000-00030>
- Castro, A. S. O. De, Gazzola, J. M., Natour, J., & Ganança, F. F. (2007). Brazilian version of the dizziness handicap inventory. *Pro-Fono : Revista de Atualizacao Cientifica, 19(1)*, 97–104. <http://doi.org/10.1590/S0104-56872007000100011>

- Chang, C. H., Tsung-Lin Yang, Wang, C. Te, & Young, Y. H. (2007). Measuring neck structures in relation to vestibular evoked myogenic potentials. *Clinical Neurophysiology*, *118*(5), 1105–1109. <http://doi.org/10.1016/j.clinph.2007.01.020>
- Chen, C. W., Young, Y. H., & Wu, C. H. (2000). Vestibular neuritis: three-dimensional videonystagmography and vestibular evoked myogenic potential results. *Acta Oto-Laryngologica*, *120*(7), 845–8. <http://doi.org/10.1080/000164800750061705>
- Chia, E. M., Wang, J. J., Rochtchina, E., Cumming, R. R., Newall, P., & Mitchell, P. (2007). *Hearing impairment and health-related quality of life: The blue mountains hearing study*. *Ear Hear*, *28*(2), 187–195. <http://doi.org/10.1097/AUD.0b013e31803126b6>
- Cohen, H. S., & Kimball, K. T. (2000). Development of the vestibular disorders activities of daily living scale. *Archives of Otolaryngology--Head & Neck Surgery*, *126*(7), 881–7. <http://doi.org/10.1097/00005537-200007000-00026>
- Cohen, H. S., & Sangi-Haghpeykar, H. (2010). Nystagmus parameters and subtypes of benign paroxysmal positional vertigo. *Acta Oto-Laryngologica*, *130*(9), 1019–23. <http://doi.org/10.3109/0001648100366477>
- Cohen, H. S., Kimball, K. T., & Adams, a S. (2000a). *Application of the vestibular disorders activities of daily living scale*. *Laryngoscope*, *110*(7), 1204–9. <http://doi.org/10.1097/00005537-200007000-00026>
- Cohen, H. S., Kimball, K. T., & Adams, a S. (2000b). *Application of the vestibular disorders activities of daily living scale*. *The Laryngoscope*, *110*(7), 1204–9. <http://doi.org/10.1097/00005537-200007000-00026>
- Cohen, H. S., Kimball, K. T., & Stewart, M. G. (2004). Benign paroxysmal positional vertigo and comorbid conditions. *ORL; Journal for Oto-Rhino-Laryngology and Its Related Specialties*, *66*(1), 11–5. <http://doi.org/10.1159/000077227>
- Colebatch, J. G., Halmagyi, G. M., & Skuse, N. F. (1994). Myogenic potentials generated by a click-evoked vestibulocollic reflex. *Journal of Neurology, Neurosurgery, and Psychiatry*, *57*(2), 190–197. <http://doi.org/10.1136/jnnp.57.2.190>
- Cruz, M. S., Lima, M. C., Santos, J. L., Duarte, Y. A., Lebrao, M. L., & Ramos-Cerqueira, A. T. (2012). [Self-reported hearing loss among elderly individuals in the city of Sao Paulo, Brazil: prevalence and associated factors (SABE Study, 2006)]. *Cad Saude Publica*, *28*(8), 1479–1492.

- Cummings CW et al (1998). *Otolaryngology Head Neck Surgery*, 3rd edn. Mosby Year Book Inc,
- Curthoys, I. S., & Vulovic, V. (2011). *Vestibular primary afferent responses to sound and vibration in the guinea pig. In Experimental Brain Research (Vol. 210, pp. 347–352)*. <http://doi.org/10.1007/s00221-010-2499-5>
- Chen, L., Lee, W., Chambers. B. R., & Dewey, H. M. (2011). Diagnostic accuracy of acute vestibular syndrome at the bedside in a stroke unit. *Journal of Neurology*, 258.5, 855-861.
- D. G., B., P., G., A., A., N.C., E., A., M., G., K., ... Koukoutsis, G. (2012). *Benign paroxysmal positional vertigo associated with Meniere's disease: Epidemiological, pathophysiologic, clinical, and therapeutic aspects. Annals of Otolaryngology, Rhinology and Laryngology*, 121(10), 682–688.
- Chae (2012). Correlating the head shake-sensory organizing test with dizziness handicap inventory in compensation after vestibular neuritis. *Otol Neurotol*, (33), 211–214.
- De Stefano, A., Kulamarva, G., Citraro, L., Neri, G., & Croce, A. (2011). Spontaneous nystagmus in benign paroxysmal positional vertigo. *American Journal of Otolaryngology*, 32(3), 185–189. <http://doi.org/10.1016/j.amjoto.2010.01.005>
- Dix M.R., Hallpike C.S. (1952). The pathology, symptomology and diagnosis of certain disorders of the vestibular system. *Annals of Otol Rhinology and Laryngology*, 61:987–1016.
- De Waele, C., Huy, P. T., Diard, J. P., Freyss, G., & Vidal, P. P. (1999). Saccular dysfunction in Meniere's disease. *The American Journal of Otolaryngology*, 20(2), 223–232.
- Delaney, K. A. (2003). Bedside Diagnosis of Vertigo: Value of the History and Neurological Examination. *Academic Emergency Medicine*. [http://doi.org/10.1197/S1069-6563\(03\)00542-6](http://doi.org/10.1197/S1069-6563(03)00542-6)
- Dimitros B., George K., Andreas A. (2013). Benign paroxysmal positional vertigo secondary to vestibular neuritis. *European Archives of Oto-Rhino-Laryngology*, 271, 919-924.
- Domínguez-Durán, E., Gandul-Merchán, A., Abrante-Jiménez, A., Medinilla-Vallejo, A., & Esteban-Ortega, F. (2011). [Benign paroxysmal positional vertigo: analysis of our population and role of caloric tests]. *Acta Otorrinolaringológica Española*, 62(1), 40–4. <http://doi.org/10.1016/j.otorri.2010.08.002>

- Dorigueto, R. S., Mazzetti, K. R., Gabilan, Y. P. L., & Gananca, F. F. (2009). Benign paroxysmal positional vertigo recurrence and persistence. *Brazilian Journal of Otorhinolaryngology*, 75(4), 565–572. Retrieved from <http://ovidsp.ovid.com/ovidweb.cgi?T=JS&PAGE=reference&D=med5&NEWS=N&AN=19784427>
- Drachman D.A.(1998). A 69 year old man with chronic dizziness, *JAMA*, 280, 2111-8.
- Driscoll, C., Bekessy, A., Bui, V. I., Fox, D., & Harvey, M. (2007). Vestibular Evoked Myogenic Potentials: *Clinical Implications of a Normative Investigation*, 29(2), 98–112.
- Dros, J., Maarsingh, O. R., Beem, L., van der Horst, H. E., ter Riet, G., Schellevis, F. G., & van Weert, H. C. P. M. (2011). Impact of dizziness on everyday life in older primary care patients: a cross-sectional study. *Health and Quality of Life Outcomes*, 9(1), 44. <http://doi.org/10.1186/1477-7525-9-44>
- Duracinsky, M., Mosnier, I., Bouccara, D., Sterkers, O., Chassany, O., Attal, N., ... Toupet, M. (2007). Literature review of questionnaires assessing vertigo and dizziness, and their impact on patients' quality of life. *Value in Health*, 10(4), 273–284. <http://doi.org/10.1111/j.1524-4733.2007.00182.x>
- Eggers S.D. and Zee D.S. (Eds) (2000). *Vertigo and Imbalance: Clinical Neurophysiology of the Vestibular System Handbook of Clinical Neurophysiology*, Vol. 9 B.V. Netherlands: Elsevier Publication.
- Epley J.M.(1992). The canalith repositioning procedure: for treatment of benign paroxysmal positional vertigo. *Otolaryngol Head Neck Surg*, 107:399–404.
- Ekvall Hansson, E., Månsson, N.-O., & Håkansson, A. (2005). *Benign paroxysmal positional vertigo among elderly patients in primary health care. Gerontology*, 51(6), 386–9. <http://doi.org/10.1159/000088702>
- Enloe, L. J., & Shields, R. K. (1997). *Evaluation of health-related quality of life in individuals with vestibular disease using disease-specific and general outcome measures. Physical Therapy*, 77(9), 890–903.
- Epley, J. M. (1992). The canalith repositioning procedure: for treatment of benign paroxysmal positional vertigo. *Otolaryngology--Head and Neck Surgery: Official Journal of American Academy of Otolaryngology-Head and Neck Surgery*, 107(3), 399–404.
- Fetter, M., & Dichgans, J. (1996). *Vestibular neuritis spares the inferior division of the vestibular nerve. Brain*, 119(3), 755–763. <http://doi.org/10.1093/brain/119.3.755>

- Fielder, H., Denholm, S. W., Lyons, R. a, & Fielder, C. P. (1996). *Measurement of health status in patients with vertigo. Clinical Otolaryngology and Allied Sciences, 21*, 124–126.
- Fellinger, J., Holzinger, D., Gerich, J., & Goldberg, D. (2007). Mental distress and quality of life in the hard of hearing. *Acta Psychiatr, Scand, 115*, 243-245.
- Froehling, D. a, Bowen, J. M., Mohr, D. N., Brey, R. H., Beatty, C. W., Wollan, P. C., & Silverstein, M. D. (2000). *The canalith repositioning procedure for the treatment of benign paroxysmal positional vertigo: a randomized controlled trial. Mayo Clinic Proceedings, 75(7)*, 695–700. <http://doi.org/10.4065/75.7.695>
- Froehling, D. A., Silverstein, M. D., Mohr, D. N., Beatty, C. W., Offord, K. P., & Ballard, D. J. (1991). *Benign positional vertigo: incidence and prognosis in a population-based study in Olmsted County, Minnesota. Mayo Clinic Proceedings, 66(6)*, 596–601. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/204639>
- Fife T.D., Iverson D.J., Lempert T, Furman J.M., Baloh R.W., Tusa R.J., et al (2008). Practice parameter: therapies for benign paroxysmal positional vertigo (an evidence-based review): report of the Quality Standards Subcommittee of the American Academy of Neurology. *Neurology, 70*, 2067–2074
- Gacek, R. R. (2003). Pathology of benign paroxysmal positional vertigo revisited. *The Annals of Otolaryngology, Rhinology, and Laryngology, 112(7)*, 574–82.
- Gill-Body, K. M., Beninato, M., & Krebs, D. E. (2000). *Relationship among balance impairments, functional performance, and disability in people with peripheral vestibular hypofunction. Physical Therapy, 80(8)*, 748–758.
- Gonçalves, D. U., Felipe, L., & Lima, T. M. A. (2008). Interpretation and use of caloric testing. *Brazilian Journal of Otorhinolaryngology, 74(3)*, 440–446.
- Gopinath, B., McMahon, C. M., Rochtchina, E., & Mitchell, P. (2009). Dizziness and vertigo in an older population: *The Blue Mountains prospective cross-sectional study. Clinical Otolaryngology, 34(6)*, 552–556. <http://doi.org/10.1111/j.1749-4486.2009.02025.x>
- Gordon C.R., Shupak, (1996). Nonspecific vertigo with normal otoneurological examination. *The role of vestibular laboratory tests. Laryngology otolaryngology, 111 (12)*, 1133-1137.
- Gordon, C. R., Levite, R., Joffe, V., & Gadoth, N. (2004). Is posttraumatic benign paroxysmal positional vertigo different from the idiopathic form?

- Archives of Neurology*, 61(10), 1590–3.  
<http://doi.org/10.1001/archneur.61.10.1590>
- Grimby, A., & Rosenhall, U. (1995). *Health-related quality of life and dizziness in old age. Gerontology*, 41(5), 286–298.
- Gross, E., Ress, B., & Viirre, E. (2000). Intractable benign paroxysmal positional vertigo in patients with Meniere's disease. *The ...*, 110, 655–9.  
<http://doi.org/10.1097/00005537-200004000-00022>
- Gupta, V., & Lipsitz, L. A. (2007). Orthostatic Hypotension in the Elderly: Diagnosis and Treatment. *American Journal of Medicine*, 120(10), 841–847.  
<http://doi.org/10.1016/j.amjmed.2007.02.023>
- Hajjabolhassan, F., & Tavanai, E. (2013). Spontaneous nystagmus in benign paroxysmal positional vertigo: Is it a new sign? *Acta Medica Iranica*, 51(12), 903–906.
- Hall, S. F., Ruby, R. R., & McClure, J. A. (1979). *The mechanics of benign paroxysmal vertigo. J Otolaryngol*, 8(2), 151–158.
- Halmagyi G.M (2005). Diagnosis and management of vertigo. *Clin Med*, 5, 159-65.
- Halmagyi, G. M., Cremer, P. D., Anderson, J., Murofushi, T., & Curthoys, I. S. (2000). Isolated directional preponderance of caloric nystagmus: II. A neural network model. *The American Journal of Otolology*, 21, 568–572.
- Hall S.F, Ruby R.R.F., McClure J.A. (1979). The mechanics of benign paroxysmal vertigo. *J Otolaryngol*;8:151–158.
- Han, G. C., Kim, M. J., Kim, K. S., Joo, Y. H., & Park, S. Y. (2012). The dizziness handicap inventory and its relationship with vestibular diseases. *Journal of International Advanced Otolology*, 8(1), 69–77.
- Handa, P. R., Maria, A., Kuhn, B., Cunha, F., Schaffleln, R., & Ganança, F. F. (2005). *Quality of life in patients with benign paroxysmal positional vertigo and/or Ménière's disease*, 71(6), 776–782.
- Harada, K., Oda, M., Yamamoto, M., Nomura, T., Ohbayashi, S., & Kitsuda, C. (1993). A clinical observation of benign paroxysmal positional vertigo (BPPV) after vestibular neuronitis (VN). *Acta Otolaryngol Suppl*, 503, 61–63.  
<http://doi.org/10.3109/00016489309128074>
- Hawthorne, G. (2008). Perceived social isolation in a community sample: its prevalence and correlates with aspects of .... *Social Psychiatry and Psychiatric Epidemiology*, 26, 144-150.



- Hazlett, R. L., Tusa, R. J., & Waranch, H. R. (1996). Development of an inventory for dizziness and related factors. *Journal of Behavioral Medicine*, *19*(1), 73–85. <http://doi.org/10.1007/BF01858175>
- Herdman S.J. (2000). *Vestibular Rehabilitation*. Philadelphia, PA: F. A. Davis company
- Hirvonen, T. P., Aalto, H., Pyykko, I., Juhola, M., & Jantti, P. (1997). Changes in vestibulo-ocular reflex of elderly people. *Acta Otolaryngol Suppl*, *529*, 108–110. <http://doi.org/10.3109/00016489709124097>
- Holmberg, J., Karlberg, M., Harlacher, U., & Magnusson, M. (2005). Experience of handicap and anxiety in phobic postural vertigo. *Acta Oto-Laryngologica*, *125*(3), 270–5. <http://doi.org/Doi.10.1080/00016480410023001>
- Hong, S. M., & Yeo, S. G. (2013). Clinical analysis of patients with idiopathic sudden sensorineural hearing loss and benign paroxysmal positional vertigo. *Acta Oto-Laryngologica*, *133*(5), 439–442. <http://doi.org/10.3109/00016489.2012.754996>; [10.3109/00016489.2012.754996](http://doi.org/10.3109/00016489.2012.754996)
- Hong, S. M., Yeo, S. G., Kim, S. W., & Cha, C. Il. (2008). The results of vestibular evoked myogenic potentials, with consideration of age-related changes, in vestibular neuritis, benign paroxysmal positional vertigo, and Meniere's disease. *Acta Oto-Laryngologica*, *128*(September 2007), 861–865. <http://doi.org/10.1080/00016480701784981>
- Honrubia, V., Baloh, R. W., Harris, M. R., & Jacobson, K. M. (1999). Paroxysmal positional vertigo syndrome. *The American Journal of Otology*, *20*(4), 465–70.
- Hoseinabadi, R., Pourbakht, A., Yazdani, N., Kouhi, A., & Kamali, M. (2015). The effects of abnormality of cVEMP and oVEMP on rehabilitation outcomes in patients with idiopathic benign paroxysmal positional vertigo. *European Archives of Oto-Rhino-Laryngology: Official Journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS): Affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*. <http://doi.org/10.1007/s00405-015-3612-y>
- Hsu, L., Hu, H., Wong, W., Wang, S., Luk, Y., & Chern, C. (2005). *Quality of life in elderly patients with dizziness: analysis of the Short- Form Health Survey in 197 patients*, (201). <http://doi.org/10.1080/00016480410017512>
- Huang, C. H., Wang, S. J., & Young, Y. H. (2011). Localization and Prevalence of Hydrops Formation in Meniere's Disease Using a Test Battery. *Audiology and Neuro-Otology*, *16*(1), 41–48. <http://doi.org/10.1159/000312199>

- Huang, C.-H., & Young, Y.-H. (2015). *Bilateral Meniere's disease assessed by an inner ear test battery. Acta Oto-Laryngologica, 135(3), 233–8.* <http://doi.org/10.3109/00016489.2014.962184>
- Hughes, C. A., & Proctor, L. (1997). Benign paroxysmal positional vertigo. *Laryngoscope, 107(5), 607–613.*
- Imai, T., Ito, M., Takeda, N., Uno, A., Matsunaga, T., Sekine, K., & Kubo, T. (2005). *Natural course of the remission of vertigo in patients with benign paroxysmal positional vertigo. Neurology, 64(5), 920–1.* <http://doi.org/10.1212/01.WNL.0000152890.00170.DA>
- Ishiyama, A., Jacobson, K. M., & Baloh, R. W. (2000). *Migraine and benign positional vertigo. Annals of Otolaryngology, Rhinology and Laryngology, 109(4), 377–380.*
- Jongkees L (1948). The value of the caloric test of the labyrinth. *Arch Otorhinolaryngol ;48:402Y17*
- Jacobson, G. P., & McCaslin, D. L. (2003). *Agreement between functional and electrophysiologic measures in patients with unilateral peripheral vestibular system impairment. J Am Acad Audiol, 14(5), 231–238.*
- Jacobson, G. P., & Newman, C. W. (1990). The development of the Dizziness Handicap Inventory. *Archives of Otolaryngology--Head & Neck Surgery, 116, 424–427.* <http://doi.org/10.1001/archotol.1990.01870040046011>
- Jacobson, G. P., Mccaslin, D. L., Piker, E. G., Gruenwald, J., Grantham, S. L., & Tegel, L. (2011). Patterns of Abnormality in cVEMP, oVEMP, and Caloric Tests May Provide Topological Information about Vestibular Impairment. *Journal of the American Academy of Audiology, 22(9), 601–611.* <http://doi.org/10.3766/jaaa.22.9.5>
- Jacobson, G. P., Newman, C. W., Hunter, L., & Balzer, G. K. (1991). Balance function test correlates of the Dizziness Handicap Inventory. *Journal of the American Academy of Audiology, 2(4), 253–60.*
- Jeong, S. H., Choi, S. H., Kim, J. Y., Koo, J. W., Kim, H. J., & Kim, J. S. (2009). Osteopenia and osteoporosis in idiopathic benign positional vertigo. *Neurology, 72(12), 1069–1076.* <http://doi.org/10.1212/01.wnl.0000345016.33983.e0>
- K., M., Y., W., H., S., J., O., I., W., Mizukoshi, K., ... Watanabe, I. (1988). Epidemiological studies on benign paroxysmal positional vertigo in Japan. *Acta Oto-Laryngologica, 106(SUPPL. 447), 67–72.* Retrieved from <http://www.ncbi.nlm>

- Kapoor and Sarda (2013). Quality of life in individuals with tinnitus. *An independent master's dissertation*, BVDU university, Pune.
- Karlberg, M., Hall, K., Quickert, N., Hinson, J., & Halmagyi, G. M. (2000). What inner ear diseases cause benign paroxysmal positional vertigo? *Acta Oto-Laryngologica*, *120*(3), 380–385. <http://doi.org/10.1080/000164800750000603>
- Katsarkas, a. (1991). Electronystagmographic (ENG) findings in paroxysmal positional vertigo (PPV) as a sign of vestibular dysfunction. *Acta Oto-Laryngologica*, *111*(2), 193–200. <http://doi.org/10.3109/00016489109137374>
- Katsarkas, A. (1999). Benign paroxysmal positional vertigo (BPPV): idiopathic versus post-traumatic. *Acta Otolaryngol (Stockh)*, *119*(7), 745–9. <http://doi.org/10.1080/00016489950180360>
- Kim, E. J., Oh, S. Y., Kim, J. S., Yang, T. H., & Yang, S. Y. (2015). Persistent otolith dysfunction even after successful repositioning in benign paroxysmal positional vertigo. *Journal of the Neurological Sciences*. <http://doi.org/10.1016/j.jns.2015.09.012>
- Kim, M.-B., & Ban, J. H. (2012). Benign paroxysmal positional vertigo accompanied by sudden sensorineural hearing loss: a comparative study with idiopathic benign paroxysmal positional vertigo. *The Laryngoscope*, *122*(12), 2832–6. <http://doi.org/10.1002/lary.23607>
- Kim, M.-S., Lee, J.-K., Chang, B.-S., & Um, H.-S. (2010). BPPV. *Journal of Periodontal & Implant Science*, *40*(2), 86–9. <http://doi.org/10.5051/jpis.2010.40.2.86>
- Kim, T., Kim, Y., & Kim, S.-K. (2011). Kim-2011. *International Journal of Hydrogen Energy*, *36*(10), 6303–6316. <http://doi.org/10.1016/j.ijhydene.2011.02.043>
- Ko, K. M., Song, M. H., Kim, J. H., & Shim, D. B. (2014). Persistent spontaneous nystagmus following a canalith repositioning procedure in horizontal semicircular canal benign paroxysmal positional vertigo. *JAMA Otolaryngology, Head & Neck Surgery*, *140*(3), 250–2. <http://doi.org/10.1001/jamaoto.2013.6207>
- Korres, S., Balatsouras, D., & Ferekidis, E. (2004). Electronystagmographic findings in benign paroxysmal positional vertigo. *The Annals of Otolology, Rhinology, and Laryngology*, *113*(4), 313–318.
- Korres, S., Gkoritsa, E., Giannakakou-Razelou, D., Yiotakis, I., Riga, M., & Nikolopoulos, T. P. (2011). Vestibular evoked myogenic potentials in patients

- with BPPV. *Medical Science Monitor : International Medical Journal of Experimental and Clinical Research*, 17(1), CR42–R47. <http://doi.org/10.1097/MAO.0000000000000665>
- Ko, K. M., Song, M. H., Kim, J. H., & Shim, D. B. (2014). Persistent spontaneous nystagmus following a canalith repositioning procedure in horizontal semicircular canal benign paroxysmal positional vertigo. *Otolaryngology, Head & Neck Surgery*, 140(3), 250–2. <http://doi.org/10.1001/jamaoto.2013.6207>
- Kroenke, K., Lucas, C. A., Rosenberg, M. L., Scherokman, B., Herbers, J. E., Wehrle, P. A., & Boggi, J. O. (1992). Causes of persistent dizziness: A prospective study of 100 patients in ambulatory care. *Annals of Internal Medicine*, 117(11), 898–904.
- Kumar, A., Mafee, M., Dobben, G., Whipple, M., & Pieri, A. (1998). Diagnosis of vertebrobasilar insufficiency: *Time to rethink established dogma?* *Ear, Nose and Throat Journal*, 77(12), 966–974.
- Kurre, A., Straumann, D., van Gool, C. J., Gloor-Juzi, T., & Bastiaenen, C. H. (2012). Gender differences in patients with dizziness and unsteadiness regarding self-perceived disability, anxiety, depression, and its associations. *BMC Ear, Nose and Throat Disorders*, 12(1), 2. <http://doi.org/10.1186/1472-6815-12-2>
- Kurre, A., van Gool, C. J. a W., Bastiaenen, C. H. G., Gloor-Juzi, T., Straumann, D., & de Bruin, E. D. (2009). Translation, cross-cultural adaptation and reliability of the german version of the dizziness handicap inventory. *Otology & Neurotology*: 30(3), 359–367. <http://doi.org/10.1097/MAO.0b013e3181977e09>
- Labuguen, R. H. (2006). Initial evaluation of vertigo. *American Family Physician*. <http://doi.org/10.2298/MPNS0612585L>
- Lacerda, C. F., Oliveira, L., Sérgio, R., Canto, D. T., & Cheik, N. C. (2012). Effects of hearing aids in the balance , quality of life and fear to fall in elderly people with sensorineural hearing loss Efeitos da adaptação às próteses auditivas na qualidade de vida, no equilíbrio e no medo de queda em idosos com perda neurossensor, 16(2), 156–162. <http://doi.org/10.7162/S1809-97772012000200002>
- Lacerda, Silva, Canto, & Cheik. (2012). Effects of hearing aids in the balance, quality of life and fear to fall in elderly people with sensorineural hearing loss. *International Archives of Otorhinolaryngology*, 16(2), 156–162 <http://doi.org/10.7162/S1809-97772012000200002>
- León V.V., Gutiérrez V, Hurtado CE, Ramirez-Velez R. Relationship between health related quality of life and disability in women with peripheral vertigo

- (2010) *Acta Otorrinolaringol*, 61, 255–61
- Lanska, D. J., & Remler, B. (1997). *Benign paroxysmal positioning vertigo: classic descriptions, origins of the provocative positioning technique, and conceptual developments. Neurology*, 48(5), 1167–77.
- Lee (2012). Diagnosing the cause of vertigo: a practical Approach. *Hong Kong Med J*, 18, 327-32.
- Lee, J. Bin, & Choi, S. J. (2015). Canal Paresis in Benign Paroxysmal Positional Vertigo Secondary to Sudden Sensorineural Hearing Loss. *Otol Neurotol*, 36, 1708–1713. <http://doi.org/10.1097/MAO.0000000000000899>
- Lee, J. D., Park, M. K., Lee, B. D., Lee, T. K., Sung, K. B., & Park, J. Y. (2013). Abnormality of cervical vestibular-evoked myogenic potentials and ocular vestibular-evoked myogenic potentials in patients with recurrent benign paroxysmal positional vertigo. *Acta Oto-Laryngologica*, 133(2), 150–153. <http://doi.org/10.3109/00016489.2012.723823>
- Lee, K. J., Kim, M. S., Son, E. J., Lim, H. J., Bang, J. H., & Kang, J. G. (2008). The Usefulness of Rectified VEMP. *Clinical and Experimental Otorhinolaryngology*, 1(3), 143–147. <http://doi.org/10.3342/ceo.2008.1.3.143>
- Lee, N.-H., Ban, J.-H., Lee, K.-C., & Kim, S. M. (2010). Benign paroxysmal positional vertigo secondary to inner ear disease. *Otolaryngology--Head and Neck Surgery: Official Journal of American Academy of Otolaryngology-Head and Neck Surgery*, 143(3), 413–7. <http://doi.org/10.1016/j.otohns.2010.06.905>
- Lempert, T., & Neuhauser, H. (2009). Epidemiology of vertigo, migraine and vestibular migraine. *Journal of Neurology*. <http://doi.org/10.1007/s00415-009-0149-2>
- Lempert, T., & Tiel-Wilck, K. (1996). A positional maneuver for treatment of horizontal-canal benign positional vertigo. *The Laryngoscope*, 106(4), 476–8. <http://doi.org/10.1097/00005537-199604000-00015>
- Li, P., Zeng, X., Li, Y., Zhang, G., & Huang, X. (2010). Clinical analysis of benign paroxysmal positional vertigo secondary to Meniere ' s disease, 5(23), 3672–3675.
- Li, P., Zeng, X., Li, Y., Zhang, G., & Ye, J. (2010). [The clinical characteristics of the benign paroxysmal positional vertigo associated with Meniere's disease]. *Zhonghua Yi Xue Za Zhi*, 90(27), 1921–1923.
- Lim, H. W., Kim, K.-M., Jun, H. J., Chang, J., Jung, H. H., & Chae, S. W. (2012). Correlating the Head Shake–Sensory Organizing Test With Dizziness

- Handicap Inventory in Compensation After Vestibular Neuritis. *Otology & Neurotology*, 33(2), 211–214. <http://doi.org/10.1097/MAO.0b013e318241c0a6>
- Lin, H. C., Shu, M. T., Shi, S. M., & Chang, K. C. (1999). The canalith repositioning procedure for benign paroxysmal positional vertigo. *Journal of Taiwan Otolaryngology - Head and Neck Surgery*, 34(5), 379–384. <http://doi.org/10.5631/jibirin.92.833>
- Lin, K. Y., Hsu, Y. S., & Young, Y. H. (2010). Brainstem lesion in benign paroxysmal vertigo children: Evaluated by a combined ocular and cervical vestibular-evoked myogenic potential test. *International Journal of Pediatric Otorhinolaryngology*, 74(5), 523–527. <http://doi.org/10.1016/j.ijporl.2010.02.013>
- Lin, M.-Y., Timmer, F. C. a, Oriol, B. S., Zhou, G., Guinan, J. J., Kujawa, S. G., ... Rauch, S. D. (2006). Vestibular evoked myogenic potentials (VEMP) can detect asymptomatic saccular hydrops. *The Laryngoscope*, 116(6), 987–992. <http://doi.org/10.1097/01.mlg.0000216815.75512.03>
- Lin, S. I., Tsai, T. T., Lee, I. H., & Wu, Y. N. (2002). Perception of unsteadiness in patients with dizziness: association with handicap and imbalance. *Journal of Biomedical Science*, 9(5), 428–435.
- Lin, S. I., Tsai, T. T., Lee, I. H., & Wu, Y. N. (2002). Perception of unsteadiness in patients with dizziness: association with handicap and imbalance. *Journal of Biomedical Science*, 9(5), 428–435. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12218358>
- Lipowski, Z. J. (1988). Somatization: The concept and its clinical application. *American Journal of Psychiatry*. <http://doi.org/10.1176/ajp.145.11.1358>
- Lira-Batista, M. M. D. S., Dorigueto, R. S., & Ganança, C. F. (2013). Vestibular evoked myogenic potentials and digital vectoelectronystagmography's study in patients with benign paroxysmal positional vertigo. *Int. Arch. Otorhinolaryngol. (Impr.)*, 17(2), 147–156. <http://doi.org/10.7162/S1809-97772013000200006>
- Longo, G., Onofri, M., Pellicciari, T., & Quaranta, N. (2012). Benign paroxysmal positional vertigo: is vestibular evoked myogenic potential testing useful? *Acta Otolaryngol*, 132(1), 39–43. <http://doi.org/10.3109/00016489.2011.619570>
- Lopez-Escamez, J. A., Molina, M. I., Gamiz, M., Fernandez-Perez, A. J., Gomez, M., Palma, M. J., & Zapata, C. (2005). Multiple positional nystagmus

- suggests multiple canal involvement in benign paroxysmal vertigo. *Acta Oto-Laryngologica*, 125(9), 954–961. <http://doi.org/10.1080/00016480510040146>
- Loughran, S., Gatehouse, S., Kishore, A., & Swan, I. R. C. (2006). Does patient-perceived handicap correspond to the modified clinical test for the sensory interaction on balance? *Otology & Neurotology*: 27(1), 86–91. <http://doi.org/10.1097 /01.mao.0000187237.48959.5f>
- Luxon LM (1997). The medical management of vertigo. *J Laryngol Otol*, 111, 1114–1121
- Lu, B., Yu, W., Wu, Z., Lian, R., Lu, Z., & Yang, J. (2015). [The diagnosis applying effects of ocular vestibular evoked myogenic potentials in BBPV disease]. *Lin Chuang Er Bi Yan Hou Tou Jing Wai Ke Za Zhi = Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery*, 29(14), 1256–1259.
- M., K., K., H., N., Q., J., H., G.M., H., Karlberg, M., ... Halmagyi, G. M. (2000). What inner ear diseases cause benign paroxysmal positional vertigo? *Acta Oto-Laryngologica*, 120(3), 380–385.
- M., K., K., H., N., Q., J., H., G.M., H., Karlberg, M., ... Halmagyi, G. M. (2000). What inner ear diseases cause benign paroxysmal positional vertigo? *Acta Oto-Laryngologica*, 120(3), 344–346
- 380–385. Retrieved from <http://www.ncbi.nlm.nih.gov> M., W., H., N., K., T., A., I., M., O., Wada, M., ... Okamoto, M. (2009). Inner-ear function test in cases of posterior canal-type benign paroxysmal positional vertigo. *International Tinnitus Journal*, 15(1), 91–93.
- Maria S., Batista R., (2013). Vestibular evoked myogenic potentials and digital vectoelectronystagmography's study in patients with benign paroxysmal positional vertigo, *Int. Arch. Otorhinolaryngol.*, 17(2), 147-156.
- Morita N, Cureoglu S, Nomiya S, et al. (2009). Potential cause of positional vertigo in Meniere's disease. *Otol Neurotol*, 30, 956-60.
- McClure, J. a. (1985). Horizontal canal BPV. *J Otolaryngol*, 14(1), 30–35.
- Macias, J. D., Ellensohn, a, Massingale, S., & Gerkin, R. (2004). Vibration with the canalith repositioning maneuver: a prospective randomized study to determine efficacy. *Laryngoscope*, 114(6), 1011–1014. <http://doi.org/10.1097/00005537-200406000-00010>
- Maes, L., Vinck, B. M., Wuyts, F., D'haenens, W., Bockstael, A., Keppler, H., ... Dhooge, I. (2011). Clinical usefulness of the rotatory, caloric, and vestibular evoked myogenic potential test in unilateral peripheral vestibular

- pathologies. *International Journal of Audiology*, 50(8), 566–76. <http://doi.org/10.3109/14992027.2011.576706>
- Magliulo, G., Gagliardi, S., Appiani, M. C., Iannella, G., & Re, M. (2014). Vestibular neurolabyrinthitis: A follow-up study with cervical and ocular vestibular evoked myogenic potentials and the video head impulse test. *Annals of Otology, Rhinology and Laryngology*, 123(3), 162–173. <http://doi.org/10.1177/0003489414522971>
- Mandalà, M., Santoro, G. P., Awrey, J., & Nuti, D. (2010). Vestibular neuritis: recurrence and incidence of secondary benign paroxysmal positional vertigo. *Acta Oto-Laryngologica*, 130(5), 565–567. <http://doi.org/10.3109/00016480903311278>
- Masoud, Z., Shadma, N., Rasoul, P., (2015). Benign Paroxysmal Positional Vertigo Prevalence in Meniere's Disease: Is Meniere's Disease a Predisposing Factor? *J Neurol Sci*, 1(1): 7-11
- Mann, G. C., Whitney, S. L., Redfern, M. S., Borello France, D. F., & Furman, J. M. (1996). Functional reach and single leg stance in patients with peripheral vestibular disorders. *J. Vestib. Res.-Equilib. Orientat.*, 6(5), 343–353. <http://doi.org/0957427196000274> [pii]
- Manzari, L., Burgess, A. M., & Curthoys, I. S. (2012). *Vestibular function in Lermoyez syndrome at attack. European Archives of Oto-Rhino-Laryngology*, 269(2), 685–691. <http://doi.org/10.1007/s00405-011-1657-0>
- Martellucci, S., Pagliuca, G., de Vincentiis, M., Greco, A., De Virgilio, A., Nobili Benedetti, F. M., ... Gallo, A. (2016). Features of Residual Dizziness after Canalith Repositioning Procedures for Benign Paroxysmal Positional Vertigo. *Otolaryngology--Head and Neck Surgery: Official Journal of American Academy of Otolaryngology-Head and Neck Surgery*, 154(4), 693–701. <http://doi.org/10.1177/0194599815627624>
- Martin, E., Perez, N., Garmendia, I., Garci, M., & A-tapia, R. G. (2001). Factor Analysis and Correlation Between Dizziness Handicap Inventory and Dizziness Characteristics and Impact on Quality of Life Scales, (8), 145–154.
- Mateijsen, D. J. M., Hengel, P. W. J., Kingma, H., Oreel, M. A., Wit, H. P., & Albers, F. W. J. (2001). *Vertigo and electronystagmography in uni- and bilateral meniere's disease. ORL*, 63(6), 341–348. <http://doi.org/10.1159/000055771>
- McCaslin, D. L., Jacobson, G. P., Grantham, S. L., Piker, E. G., & Verghese, S. (2011). The Influence of Unilateral Saccular Impairment on Functional



- Balance Performance and Self-Report Dizziness. *Journal of the American Academy of Audiology*, 22(March 2009), 542–549. <http://doi.org/10.3766/jaaa.22.8.6>
- McClure, J. a. (1985). *Horizontal canal BPV. J Otolaryngol*, 14(1), 30–35.
- McCue, M. P., & Guinan, J. J. (1995). Spontaneous activity and frequency selectivity of acoustically responsive vestibular afferents in the cat. *Journal of Neurophysiology*, 74(4), 1563–1572.
- McGarvie, L. A., Curthoys, I. S., MacDougall, H. G., & Halmagyi, G. M. (2015). What does the dissociation between the results of video head impulse versus caloric testing reveal about the vestibular dysfunction in Meniere's disease? *Acta Otolaryngol*, 1–7. <http://doi.org/10.3109/00016489.2015.1015606>
- Mégnibêto C.A., Sauvage J.P., Launois R. (2001). Validation clinique d'une échelle du vertige: EEV (European Evaluation of Vertigo). *Rev Laryngol Otol Rhinol*, 122, 95–102.
- Mendel, B., Bergenius, J., & Langius, A. (1999). Dizziness symptom severity and impact on daily living as perceived by patients suffering from peripheral vestibular disorder. *Clinical Otolaryngology and Allied Sciences*, 24(4), 286–293. <http://doi.org/10.1046/j.1365-2273.1999.00261.x>
- Ménière's disease? *Annals of the New York Academy of Sciences*, 1343(1), 58–62. <http://doi.org/10.1111/nyas.12687>
- Mishra and Vanaja (2011). Dizziness Handica, caloric test, and VEMP in Persons with giddiness: A preliminary Report. An independent master's dissertation, BVDU University, Pune.
- Moreno, N. S. (2009). Audiologic features of elderly with Benign Paroxysmal Positional Vertigo, 75(December 2007), 300–304.
- Moreno, N. S., & André, A. P. D. R. (2009). Audiologic features of elderly with Benign Paroxysmal Positional Vertigo. *Brazilian Journal of Otorhinolaryngology*, 75(2), 300–304. [http://doi.org/10.1016/S1808-8694\(15\)30794-1](http://doi.org/10.1016/S1808-8694(15)30794-1)
- Morris, A. E., Lutman, M. E., & Yardley, L. (2008). Measuring outcome from Vestibular Rehabilitation, Part I: Qualitative development of a new self-report measure. *International Journal of Audiology*, 47(4), 169–177. <http://doi.org/10.1080/14992020701843129>
- Morris, A. E., Lutman, M. E., & Yardley, L. (2009). Measuring outcome from vestibular rehabilitation, part I: refinement and validation of a new self-report

- measure. *International Journal of Audiology*, 48(November), 24–37. <http://doi.org/10.1080/14992020802314905>
- Murofushi, T. (2016). Clinical application of vestibular evoked myogenic potential (VEMP). *Auris Nasus Larynx*. <http://doi.org/10.1016/j.anl.2015.12.006>
- Murofushi, T., Shimizu, K., Takegoshi, H., & Cheng, P. W. (2001). Diagnostic value of prolonged latencies in the vestibular evoked myogenic potential. *Archives of Otolaryngology--Head & Neck Surgery*, 127(9), 1069–1072. <http://doi.org/10.1093/otolaryng/127.9.1069> [pii]
- Murphy M.P., Gates G.A.(1999). Measuring the effecting of Meniere's disease: results of the Patient-Oriented Severity Index (MD POSI) version 1. *Ann Otol Rhinol Laryngol*, 108, 331–7.
- N., M., S., C., S., N., R., N., S.S., J., T., H., ... Paparella, M. M. (2009). Potential cause of positional vertigo in Ménière's disease. *Otology and Neurotology*, 30(7), 956–960. <http://doi.org/10.1097/MAO.0b013e3181b24368>
- Nachtegaal, J., Festen, J. M., Kramer, S. E., & Audiologists, E. N. T. (2011). Hearing ability and its relationship with psychosocial health, work-related variables, and health care use: the National Longitudinal Study on Hearing, 1, 28–33. <http://doi.org/10.4081/audiore.2011.e9>
- Nakahara, H., Yoshimura, E., Tsuda, Y., & Murofushi, T. (2013). Damaged utricular function clarified by oVEMP in patients with benign paroxysmal positional vertigo. *Acta Oto-Laryngologica*, 133(2), 144–9. <http://doi.org/10.3109/00016489.2012.720030>
- Nuti, D., Agus, G., Barbieri, M. T., & Passali, D. (1998). *The management of horizontal-canal paroxysmal positional vertigo*. *Acta Oto-Laryngologica*, 118(4), 455–60. <http://doi.org/10.1080/00016489850154559>
- Nuti, D., Vannucchi, P., & Pagnini, P. (1996). Benign paroxysmal positional vertigo of the horizontal canal: a form of canalolithiasis with variable clinical features. *J. Vestib. Res.-Equilib. Orientat.*, 6, 173–184.
- Nyabenda, A., Briart, C., Deggouj, N., & Gersdorff, M. (2004). A normative study of the vestibulospinal and rotational tests. *Advances in Physiotherapy*, 6(3), 122–129. <http://doi.org/10.1080/14038190310012052>
- Ochi, K., & Ohashi, T. (2003). Age-related changes in the vestibular-evoked myogenic potentials. *Otolaryngology - Head and Neck Surgery*, 129(6), 655–659. [http://doi.org/10.1016/S0194-5998\(03\)01578-X](http://doi.org/10.1016/S0194-5998(03)01578-X)

- Oghalai, J. S., Manolidis, S., Barth, J. L., Stewart, M. G., & Jenkins, H. A. (2000). Unrecognized benign paroxysmal positional vertigo in elderly patients. *Otolaryngology - Head and Neck Surgery*, *122*(5), 630–634.
- P., L., X.-L., Z., Y.-Q., L., G.-H., Z., & J., Y. (2010). *The clinical characteristics of the benign paroxysmal positional vertigo associated with Meniere's disease. National Medical Journal of China*, *90*(27), 1921–1923.
- Pavlin-Premrl, D., Waterston, J., McGuigan, S., Infeld, B., Sultana, R., O'Sullivan, R., & Gerraty, R. P. (2015). Importance of spontaneous nystagmus detection in the differential diagnosis of acute vertigo. *Journal of Clinical Neuroscience*, *22*(3), 504–507. <http://doi.org/10.1016/j.jocn.2014.09.011>
- Piker, E. G., & Jacobson, G. P. (2014). Self-report symptoms differ between younger and older dizzy patients. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, *35*(5), 873–9. <http://doi.org/10.1097/MAO.0000000000000391>
- PIKER, E. G., JACOBSON, G. P., MCCASLIN, D. L., & GRANTHAM, S. L. (2008). Psychological comorbidities and their relationship to self-reported handicap in samples of dizzy patients. *Journal of the American Academy of Audiology*, *19*(4), 337–47. <http://doi.org/10.3766/jaaa.19.4.6>
- Piker, E. G., Jacobson, G. P., Tran, A. T., McCaslin, D. L., & Hale, S. T. (2012). Spouse perceptions of patient self-reported vertigo severity and dizziness. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, *33*(6), 1034–9. <http://doi.org/10.1097/MAO.0b013e31825d9a13>
- Pollak, L., Davies, R. a, & Luxon, L. L. (2002). Effectiveness of the particle repositioning maneuver in benign paroxysmal positional vertigo with and without additional vestibular pathology. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, *23*(1), 79–83. <http://doi.org/10.1097/00129492-200201000-00018>
- Poon, D. M. Y., Chow, L. C. K., Hui, Y., Au, D. K. K., & Leung, M. C. P. (2004). Translation of the dizziness handicap inventory into Chinese, validation of it, and evaluation of the quality of life of patients with chronic dizziness. *Annals of Otology, Rhinology and Laryngology*, *113*(12), 1006–1011.

- Powell, L. E., & Myers, A. M. (1995). The Activities-specific Balance Confidence (ABC) Scale. *J Gerontol A Biol Sci Med Sci*, *50A(1)*, M28–34. [http://doi.org/10.1007/SpringerReference\\_6342](http://doi.org/10.1007/SpringerReference_6342)
- Prieto L., Santed E., Cobo E., Alonso J. (1999). A new measure for assessing the health-related quality of life of patients with vertigo, dizziness or imbalance: the VDI questionnaire. *Quality Life Research*, *8*, 131-9.
- Proctor, L. R. (2000). Results of serial vestibular testing in unilateral Ménière's disease. *The American Journal of Otolaryngology*, *21(4)*, 552–558.
- Perez N, Garmendia I, Garcia-Granero M, et al. (2001). Factor analysis and correlation between Dizziness Handicap Inventory and dizziness characteristics and impact on quality of life scales. *Acta Otolaryngol*, *545*, 145-54.
- Perez N, Martin E, Romero MD (2001) et al. Influence of canal paresis on gain and time constant of nystagmus slowphase to yaw-axis rotation. *Acta Otolaryngol (Stockh)* *121*, 715-23
- R.A., R., R.E., G., A.H., K., & J.J., L. (2005). Prevalence of vestibulopathy in benign paroxysmal positional vertigo patients with and without prior otologic history. *International Journal of Audiology*, *44(4)*, 191–196. <http://doi.org/10.1080/14992020500057715>
- Radtke, A., von Brevern, M., Tiel-Wilck, K., Mainz-Perchalla, A., Neuhauser, H., & Lempert, T. (2004). Self-treatment of benign paroxysmal positional vertigo: Semont maneuver vs Epley procedure. *Neurology*, *63(1)*, 150–152. <http://doi.org/10.1212/WNL.64.3.583>
- Rauch, S. D., Velazquez-Villaseñor, L., Dimitri, P. S., & Merchant, S. N. (2001). Decreasing hair cell counts in aging humans. *Annals of the New York Academy of Sciences*, *942(617)*, 220–227. <http://doi.org/10.1111/j.1749-6632.2001.tb03748.x>
- Rauch, S. D., Zhou, G., Kujawa, S. G., Guinan, J. J., & Herrmann, B. S. (2004). Vestibular evoked myogenic potentials show altered tuning in patients with Ménière's disease. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolaryngology and Neurotology*, *25(3)*, 333–338. <http://doi.org/10.1097/00129492-200405000-00022>
- Riga, M., Bibas, a, Xenellis, J., & Korres, S. (2011). Inner ear disease and benign paroxysmal positional vertigo: a critical review of incidence, clinical characteristics, and management. *International Journal of Otolaryngology*, *2011*, 709469. <http://doi.org/10.1155/2011/709469>

- Rinne, T., Bronstein, A. M., Rudge, P., Gresty, M. A., & Luxon, L. M. (1998). Bilateral loss of vestibular function: *Clinical findings in 53 patients. Journal of Neurology*, 245(6-7), 314–321. <http://doi.org/10.1007/s004150050225>
- Robertson, D., & Ireland, D. (1995). Dizziness Handicap Inventory Correlates of Computerized Dynamic Inventory 1995.pdf. *J Otolaryngology*, 24, 118–24.
- Rosengren, S. M., Welgampola, M. S., & Colebatch, J. G. (2010). Vestibular evoked myogenic potentials: Past, present and future. *Clinical Neurophysiology*. <http://doi.org/10.1016/j.clinph.2009.10.016>
- Ruckenstein M. J, Stabb J. (2009). Chronic subjective dizziness. *Otolaryngology Clinic of North Ameirica*, 42, 71-7
- Rohrmeier, Christian, Otto Richter, Michael Schneider, Kornelia Wirsching, Isabella Fiedler, Frank Haubner, Jürgen Strutz, and Thomas S. Kühnel. "Triple Test as Predictive Screen for Unilateral Weakness on Caloric Testing in Routine Practice." *Otology & Neurotology* 34.2 (2013): 297-303
- Sajjadi, H., & Paparella, M. M. (2008). *Meniere's disease. Lancet*, 372(9636), 406–14. [http://doi.org/10.1016/S0140-6736\(08\)61161-7](http://doi.org/10.1016/S0140-6736(08)61161-7)
- Sarda, S., Bhat, S., & Vanaja, C. S. (2014). Variation in the gaze, caloric test and vestibular-evoked myogenic potential with advancing age. *Indian Journal of Otology*, 20(1), 4–9. <http://doi.org/10.4103/0971-7749.129795>
- Sargent, E. W., Bankaitis, a E., Hollenbeak, C. S., & Currens, J. W. (2001). Mastoid oscillation in canalith repositioning for paroxysmal positional vertigo. *Otology & Neurotology* :22(2), 205–9. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11300270>
- Schuknecht, H. F., & Kitamura, K. (1981). Second Louis H. Clerf Lecture. Vestibular neuritis. *The Annals of Otology, Rhinology & Laryngology*. Supplement, 90(1 Pt 2), 1–19. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/6781398>
- Semont A, Freyss G, Vitte E. (1988). Curing the BPPV with a liberatorymaneuver. *Adv Otorhinolaryngol*, 42:290–3.
- Seo, T., Saka, N., & Sakagami, M. (2012). Furosemide-loading vestibular evoked myogenic potential testing can suggest developing bilateral involvement of unilateral Meniere's disease. *Acta Oto-Laryngologica*, 132(December 2011), 632–636. <http://doi.org/10.3109/00016489.2011.653443>

- Seok, J. I., Lee, H. M., Yoo, J. H., & Lee, D. K. (2008). Residual dizziness after successful repositioning treatment in patients with benign paroxysmal positional vertigo. *Journal of Clinical Neurology (Seoul, Korea)*, *4*(3), 107–110. <http://doi.org/10.3988/jcn.2008.4.3.107>
- Serra, A., & Leigh, R. J. (2002). *Diagnostic value of nystagmus: spontaneous and induced ocular oscillations. J Neurol Neurosurg Psychiatry*, *73*(6), 615–618. <http://doi.org/10.1136/jnnp.73.6.615>
- Shin, B. S., Oh, S. Y., Kim, J. S., Kim, T. W., Seo, M. W., Lee, H., & Park, Y. A. (2012). Cervical and ocular vestibular-evoked myogenic potentials in acute vestibular neuritis. *Clinical Neurophysiology*, *123*(2), 369–375. <http://doi.org/10.1016/j.clinph.2011.05.029>
- Shin, J. E., Kim, C.-H., & Park, H. J. (2013). Vestibular abnormality in patients with Meniere's disease and migrainous vertigo. *Acta Otolaryngol*, *133*(2), 154–158. <http://doi.org/10.3109/00016489.2012.727469>
- singh, K., & J.J., L. (2005). Prevalence of vestibulopathy in benign paroxysmal positional vertigo patients with and without prior otologic history. *International Journal of Audiology*, *44*(4), 191–196. <http://doi.org/10.1080/14992020500057715>
- Singh, N. K., & Apeksha, K. (2015). Efficacy of cervical and ocular vestibular-evoked myogenic potentials in evaluation of benign paroxysmal positional vertigo of posterior semicircular canal. *European Archives of Oto-Rhino-Laryngology*, pp. 1–10. <http://doi.org/10.1007/s00405-015-3867-3>
- Singh, N. K., & Barman, A. (2014). Efficacy of Ocular Vestibular-Evoked Myogenic Potential in Identifying Posterior Semicircular Canal Benign Paroxysmal Positional Vertigo. *Ear and Hearing*, 1–8. <http://doi.org/10.1097/AUD.0000000000000097>
- Singh, N. K., Sinha, S. K., Govindaswamy, R., & Kumari, A. (2014). Are cervical vestibular evoked myogenic potentials sensitive to changes in the vestibular system associated with benign paroxysmal positional vertigo? *Hearing, Balance and Communication*, *12*(1), 20–26. <http://doi.org/10.3109/21695717.2014.883208>
- Soderman, A. C., Bagger-Sjoberg, D., Bergenius, J., & Langius, A. (2002). Factors influencing quality of life in patients with Meniere's disease, identified by a multidimensional approach. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, *23*(6), 941–948.

- Son, E. J., Lim, H. J., Choung, Y. H., Park, K., & Park, H. Y. (2013). Spontaneous nystagmus in horizontal canal benign paroxysmal positional vertigo. *Auris Nasus Larynx*, *40*(3), 247–250. <http://doi.org/10.1016/j.anl.2012.06.006>
- Song, J.-J., Hong, S. K., Kim, J. S., & Koo, J.-W. (2012). Enlarged vestibular aqueduct may precipitate benign paroxysmal positional vertigo in children. *Acta Oto-Laryngologica*, *132* Suppl (January), S109–17. <http://doi.org/10.3109/00016489.2012.662714>
- Song, J.-J., Yoo, Y.-T., An, Y.-H., Yoo, J. C., Kim, J. S., & Koo, J.-W. (2012). Comorbid benign paroxysmal positional vertigo in idiopathic sudden sensorineural hearing loss: an ominous sign for hearing recovery. *Otology & Neurotology*, *33*(2), 137–41. <http://doi.org/10.1097/MAO.0b013e318241c27a>
- Soto Varela, A., Bartual Magro, J., Santos Pérez, S., Vélez Regueiro, M., Lechuga García, R., Pérez-Carro Ríos, T. A., & Caballero, L. (2001). Benign paroxysmal vertigo: A comparative prospective study of the efficacy of Brandt and Daroff exercises, Semont and Epley manoeuvre. *Revue de Laryngologie Otologie Rhinologie*, *122*(3), 179–183.
- Sreenivasan, A., Sivaraman, G., Parida, P. K., Alexander, A., Saxena, S. K., & Suria, G. (2015). The Clinical Utility of Vestibular Evoked Myogenic Potentials in Patients of Benign Paroxysmal Positional Vertigo. *Journal of Clinical and Diagnostic Research: JCDR*, *9*(6), MC01–3. <http://doi.org/10.7860/JCDR/2015/9953.6058>
- Staab, J. P., & Ruckenstein, M. J. (2007). Expanding the differential diagnosis of chronic dizziness. *Archives of Otolaryngology -- Head & Neck Surgery*, *133*(2), 170–176. [http://doi.org/10.1016/S1041-892X\(08\)79253-9](http://doi.org/10.1016/S1041-892X(08)79253-9)
- Steddin, S., & Brandt, T. (1996). Horizontal canal benign paroxysmal positioning vertigo (h-BPPV): Transition of canalolithiasis to cupulolithiasis. *Annals of Neurology*, *40*(6), 918–922. <http://doi.org/10.1002/ana.410400615>
- Streubel, S. O., Cremer, P. D., Carey, J. P., Weg, N., & Minor, L. B. (2001). Vestibular-Evoked Myogenic Potentials in the Diagnosis of Superior Canal Dehiscence Syndrome. *Acta Oto-Laryngologica. Supplementum*, *545*, 41–49.
- Serra, A., & Leigh, R. J. (2002). Diagnostic value of nystagmus: spontaneous and induced ocular oscillations. *J Neurol Neurosurg Psychiatry*, *73*(6), 615–618. <http://doi.org/10.1136/jnnp.73.6.615>
- Silva C.N, Riberto K.M., Freita R.V. (2012). Vertiginous Symptoms and Objective Measures of Postural Balance in Elderly People with Benign Paroxysmal Positional Vertigo Submitted to the Epley Maneuver., *22*;12:2. doi: 10.1186/1472-12-2.

- Takano, N. A., Cavalli, S. S., Ganança, M. M., Caovilla, H. H., De Oliveira Santos, M. A., De Toledo Piza Peluso, É., & Ganança, F. F. (2010). Quality of life in elderly with dizziness. *Brazilian Journal of Otorhinolaryngology*, 76(6), 769–775.
- Tamber, A.-L., Wilhelmsen, K. T., & Strand, L. I. (2009). Measurement properties of the Dizziness Handicap Inventory by cross-sectional and longitudinal designs. *Health and Quality of Life Outcomes*, 7(1), 101. <http://doi.org/10.1186/1477-7525-7-101>
- Teggi, R., Caldirola, D., Bondi, S., Perna, G., Bellodi, L., & Bussi, M. (2007). Vestibular testing in patients with panic disorder and chronic dizziness. *Acta Otorhinolaryngologica Italica : Organo Ufficiale Della Società Italiana Di Otorinolaringologia E Chirurgia Cervico-Facciale*, 27(5), 243–247.
- Ten Voorde, M., Van Der Zaag-Loonen, H. J., & Van Leeuwen, R. B. (2012). Dizziness impairs health-related quality of life. *Quality of Life Research*, 21(6), 961–966. <http://doi.org/10.1007/s11136-011-0001-x>
- The WHOQOL Group. The world health organization quality of life assessment (whoqol): position paper from the world health organization. *Soc Sci Med*, 41(10):1403-9.
- Timmer, F. C., Zhou, G., Guinan, J. J., Kujawa, S. G., Herrmann, B. S., & Rauch, S. D. (2006). Vestibular evoked myogenic potential (VEMP) in patients with Meniere's disease with drop attacks. *The Laryngoscope*, 116(5), 776–779. <http://doi.org/10.1097/01.mlg.0000205129.78600.27> [doi]
- Tracis S., Zoruddin G.F.(2004) Evaluation of patients with vertigo: Bedside examination. *Neurol Sci*, 24, S16-9
- Tracis S., Zoruddin G.F.(2004) Evaluation of patients with vertigo: Bedside examination. *Neurol Sci*, 24, S16-9
- Vélez León, V., Lucero Gutiérrez, V., Escobar Hurtado, C., & Ramirez-Velez, R. (2010). Relationship between health-related quality of life and disability in women with peripheral vertigo. *Acta Otorrinolaringologica (English Edition)*, 61(4), 255–261. [http://doi.org/10.1016/S2173-5735\(10\)70046-6](http://doi.org/10.1016/S2173-5735(10)70046-6)
- Vereck, L., Truijen, S., Wuyts, F. L., & Van de Heyning, P. H. (2007). The dizziness handicap inventory and its relationship with functional balance performance. *Otology & Neurotology*, 28(1), 87–93. <http://doi.org/10.1097/0.mao.0000247821.98398.0d>



- Vereeck, L., Truijen, S., Wuyts, F., & Van De Heyning, P. H. (2006). Test-retest reliability of the Dutch version of the Dizziness Handicap Inventory. *B-ENT*, 2(2), 75–80.
- Vibert, D., Kompis, M., & Hausler, R. (2003). *Benign paroxysmal positional vertigo in older women may be related to osteoporosis and osteopenia. Annals of Otolaryngology, Rhinology and Laryngology*, 112(10), 885–889. <http://doi.org/10.1177/000348940311201010>
- Viciana, D., & Lopez-Escamez, J. a. (2010). Vestibular evoked myogenic potentials and health-related quality of life in patients with vestibular neuritis. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otolaryngology and Neurotology*, 31(6), 954–958. <http://doi.org/10.1097/MAO.0b013e3181e8fb32>
- von Brevern, M., Clarke, A. H., & Lempert, T. (2001). Continuous vertigo and spontaneous nystagmus due to canalolithiasis of the horizontal canal. *Neurology*, 56(5), 684–6.
- von Brevern, M., Radtke, A., Lezius, F., Feldmann, M., Ziese, T., Lempert, T., & Neuhauser, H. (2007). Epidemiology of benign paroxysmal positional vertigo: a population based study. *Journal of Neurology, Neurosurgery, and Psychiatry*, 78(7), 710–5. <http://doi.org/10.1136/jnnp.2006.100420>
- Vanni, S., P. Pecci, C. Casati, F. Moroni, M. Risso, M. Ottaviani, P. Nazerian, S. Grifoni, and P. Vannucchi. "STANDING, Four-step Bedside Algorithm for Differential Diagnosis of Acute Vertigo in the Emergency Department." *ACTA Otorhinolaryngologica Italica* 34 (2014): 419-26.
- Vibert D, Kompis M, Hausler R. Benign paroxysmal positional vertigo in older women may be related to osteoporosis and osteopenia (2003). *Ann Otol Rhinol Laryngol*, 112(10), 885-9.
- Voorde M, van der Zaag-Loonen HJ, van Leeuwen RB (2012) Dizziness impairs health-related quality of life. *Quality of Life Research*, 21, 961–6
- Wada, M., Naganuma, H., Tokumasu, K., Ito, A., & Okamoto, M. (2009). Inner-ear function test in cases of posterior canal-type benign paroxysmal positional vertigo. *The International Tinnitus Journal*, 15(1), 91–3.
- Walther, L. E., Wenzel, A., Buder, J., & Kniep, R. (2014). *Gentamicin-induced structural damage of human and artificial (biomimetic) otoconia. Acta Otolaryngologica*, 134(2), 111–117. <http://doi.org/10.3109/00016489.2013.849384>
- Watanabe, J., Kato, I., Aoyagi, M., Nakamura, T., Harada, K., Hasegawa, T., & Koike, Y. (1994). Rebound positional nystagmus as a peripheral origin. *Acta*

- Otolaryngol Suppl, 511, 114–119. <http://doi.org/10.3109/00016489409128313>
- White, J., Savvides, P., Cherian, N., & Oas, J. (2005). Canalith repositioning for benign paroxysmal positional vertigo. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, 26(7), 704–710. <http://doi.org/10.1097/01.mao.0000178128.66482.7e>
- Whitney, S. L., Hudak, M. T., & Marchetti, G. F. (1999). *The activities-specific balance confidence scale and the dizziness handicap inventory: a comparison. Journal of Vestibular Research : Equilibrium & Orientation*, 9(4), 253–259.
- Whitney, S. L., Wrisley, D. M., Brown, K. E., & Furman, J. M. (2004). *Is perception of handicap related to functional performance in persons with vestibular dysfunction? Otol Neurotol*, 25(2), 139–143. <http://doi.org/10.1097/00129492-200403000-00010>
- WHO. (1998). Development of the World Health Organization WHOQOL-BREF quality of life assessment. The WHOQOL Group. *Psychol Med*, 28(3), 551–558. <http://doi.org/10.5.12>
- Wu, Z. M., Zhang, S. Z., Zhou, N., Liu, X. J., Yang, W. Y., & Han, D. Y. (2006). [Audio-vestibular function in patients with benign paroxysmal positional vertigo]. *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi*, 41(9), 669–672.
- Xu -----sun (2016). Evaluation of the utricular and saccular function using oVEMP and cVEMP in BPPV patients. *Journal of Otolaryngology - Head & Neck Surgery*, 45, 12
- Yang, W. S., Kim, S. H., Lee, J. D., & Lee, W.-S. (2008). Clinical significance of vestibular evoked myogenic potentials in benign paroxysmal positional vertigo. *Otology & Neurotology*, 29(8), 1162–6. <http://doi.org/10.1097/MAO.0b013e31818a0881>
- Yang, W. S., Kim, S. H., Lee, J. D., & Lee, W.-S. (2008). Clinical significance of vestibular evoked myogenic potentials in benign paroxysmal positional vertigo. *Otology & Neurotology: Official Publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*, 29(8), 1162–6. <http://doi.org/10.1097/MAO.0b013e31818a0881>
- Yardley, L., & Putman, J. (1992). Quantitative analysis of factors contributing to handicap and distress in vertiginous patients: a questionnaire study. *Clinical Otolaryngology and Allied Sciences*, 17(3), 231–236.

- Yardley, L., Masson, E., Verschuur, C., Haacke, N., & Luxon, L. (1992). Symptoms, anxiety and handicap in dizzy patients: Development of the Vertigo symptom scale. *Journal of Psychosomatic Research*, 36(8), 731–741. [http://doi.org/10.1016/0022-3999\(92\)90131-K](http://doi.org/10.1016/0022-3999(92)90131-K)
- Yoo, M. H., Kim, S. H., Lee, J. Y., Yang, C. J., Lee, H. S., & Park, H. J. (2015). Results of video head impulse and caloric tests in 36 patients with vestibular migraine and 23 patients with vestibular neuritis: A preliminary report. *Clinical Otolaryngology: Official Journal of ENT-UK; Official Journal of Netherlands Society for Oto-Rhino-Laryngology & Cervico-Facial Surgery*, n/a–n/a. <http://doi.org/10.1111/coa.12556>
- Young, E. D., Fernández, C., & Goldberg, J. M. (1977). Responses of squirrel monkey vestibular neurons to audio-frequency sound and head vibration. *Acta Oto-Laryngologica*, 84(5-6), 352–60. <http://doi.org/10.3109/00016487709123977>
- Zhou X., Yu Y., Wu Z., Chen X. (2015). The roles of otolith organs in the recurrence primary benign paroxysmal positional vertigo. *Journal of Clinical Otorhinolaryngology Head and Neck Surgery*, 18, 1641-1644.
- Zhou, G., & Cox, L. C. (2004). Vestibular evoked myogenic potentials: History and overview. *American Journal of Audiology*. [http://doi.org/10.1044/1059-0889\(2004/018\)](http://doi.org/10.1044/1059-0889(2004/018)).