

January

1. Zaback M, Villemers S, Missen KJ, Inglis JT, Carpenter MG. Habituation of vestibular-evoked balance responses after repeated exposure to a postural threat. *J Physiol.* 2025 Mar;603(6):1567-1587. doi: 10.1113/JP287391. Epub 2025 Feb 21. PMID: 39982119; PMCID: PMC11908485.
2. Sharifi M, Jafarzadeh S, Kiarudi MY, Hassanzadeh S, Rostami M. Ocular vestibular evoked myogenic potentials in different types of amblyopia. *Clin Exp Optom.* 2025 Mar;108(2):191-195. doi: 10.1080/08164622.2024.2352503. Epub 2024 May 15. PMID: 38749671.
3. Patel KR, Bhagavatula ID, Konar SK, Kaushal S, Hr A. Reorganization of central auditory pathways in vestibular schwannoma: a diffusion tensor imaging study. *Neuroradiology.* 2025 Feb;67(2):383-392. doi: 10.1007/s00234-024-03534-5. Epub 2024 Dec 30. PMID: 39739033.
4. De Hertogh W, Micarelli A, Reid S, Malmström EM, Vereeck L, Alessandrini M. Dizziness and neck pain: a perspective on cervicogenic dizziness exploring pathophysiology, diagnostic challenges, and therapeutic implications. *Front Neurol.* 2025 Mar 17;16:1545241. doi: 10.3389/fneur.2025.1545241. PMID: 40166638; PMCID: PMC11956690.
5. Nairn B, Tsakanikas V, Gordon B, Karapintzou E, Kaski D, Fotiadis DI, Bamiou DE. Smart Wearable Technologies for Balance Rehabilitation in Older Adults at Risk of Falls: Scoping Review and Comparative Analysis. *JMIR Rehabil Assist Technol.* 2025 May 28;12:e69589. doi: 10.2196/69589. PMID: 40435383; PMCID: PMC12136182.
6. Pauwels S, Casters L, Meyns P, Lemkens N, Lemmens W, Meijer K, van de Berg R, Spildooren J. Several components of postural control are affected by benign paroxysmal positional vertigo but improve after particle-repositioning maneuvers: A systematic review and meta-analysis. *Clin Rehabil.* 2025 Jan;39(1):3-22. doi: 10.1177/02692155241292662. Epub 2024 Nov 5. PMID: 39501612; PMCID: PMC11776354.
7. ElSherif M, Sobhy OA, Abdelfattah YH, Atallah MB, Mahmoud SY. Cervical Vestibular Evoked Myogenic Potential and Radiological Findings in Cervicogenic Dizziness. *Indian J Otolaryngol Head Neck Surg.* 2025 Feb;77(2):774-778. doi: 10.1007/s12070-024-05246-x. Epub 2024 Dec 16. PMID: 40065929; PMCID: PMC11890458.
8. Chang TP, Hong YC, Kuo YH, Schubert MC. Persistent geotropic or apogeotropic nystagmus: recurrence and association with vestibular migraine. *J Neurol.* 2025 Feb 11;272(3):184. doi: 10.1007/s00415-025-12921-8. PMID: 39932582.
9. Lee JW, Yoon CY, Kim JH, Seo YJ, Kong TH. Virtual reality-based vestibular rehabilitation therapy in patients with acute unilateral vestibulopathy: a randomized controlled trial. *Front Neurol.* 2025 Jan 28;16:1519470. doi: 10.3389/fneur.2025.1519470. PMID: 39935612; PMCID: PMC11810741.

Dizzy Pub Fare 2025

10. Shuai C, Zobeiri OA, Millar JL, Schubert MC, Shelhamer M, Cullen KE. Vestibular patients generate more regular head movements than healthy individuals during gaze-stabilization exercises. *Sci Rep.* 2025 Jan 7;15(1):1173. doi: 10.1038/s41598-024-84939-3. PMID: 39774266; PMCID: PMC11707049.

February

1. Valter Y, Vataksi L, Allred AR, Hebert JR, Brunyé TT, Clark TK, Serrador J, Datta A. A review of parameter settings for galvanic vestibular stimulation in clinical applications. *Front Hum Neurosci.* 2025 Feb 3;19:1518727. doi: 10.3389/fnhum.2025.1518727. PMID: 39981130; PMCID: PMC11841469.

2. Alahmari KA, Alshehri S. Evaluating the efficacy of vestibular rehabilitation therapy on quality of life in persistent postural-perceptual dizziness: the role of anxiety and depression in treatment outcomes. *Front Neurol.* 2025 Feb 4;16:1524324. doi: 10.3389/fneur.2025.1524324. PMID: 39968458; PMCID: PMC11834867.

3. Im YH, Lee HJ, Jeon EJ. Adherence to customized vestibular rehabilitation therapy: influencing factors and clinical implications in vestibulopathy. *Front Neurol.* 2025 Feb 5;16:1538989. doi: 10.3389/fneur.2025.1538989. PMID: 40040913; PMCID: PMC11878102.

4. Wu J, Lu G, Zheng Z, Deng Z, Guo J, Li M, Zhou D, Qi W, Zhang S, Qiu Y, Li X, Liang X, Xu X, Huang H. The efficacy of early rehabilitation in enhancing vestibular compensation in mice with unilateral vestibular neurectomy by promoting cellular proliferation and glial reaction. *Neuroscience.* 2025 Feb 16;567:182-194. doi: 10.1016/j.neuroscience.2025.01.011. Epub 2025 Jan 7. PMID: 39788314.

5. Tiwari D, Erdal M, Alonzo K, Twombly V, Concannon P, West A, O'Byrne M. Effectiveness of Vestibular Rehabilitation in Children Post-Concussion: A Systematic Review. *Int J Sports Phys Ther.* 2025 Feb 2;20(2):142-156. doi: 10.26603/001c.128282. PMID: 39906055; PMCID: PMC11788084.

6. Tong Q, Zhou Y, Wu P, Yu H. Effect of vestibular rehabilitation treatment (VRT) on patients with unsteadiness after intratympanic gentamicin in Menière's disease: protocol for a randomised controlled trial. *BMJ Open.* 2025 Feb 22;15(2):e088722. doi: 10.1136/bmjopen-2024-088722. PMID: 39987011; PMCID: PMC11848666.

7. Uzunoğlu GE, Yeldan İ, Gozubatik-Celik RG, Kuchimov SN, Tütüncü M. Effect of vestibular rehabilitation on kinetic and kinematic parameters of gait in patients with multiple sclerosis: A single-blind randomized controlled study. *Mult Scler Relat Disord.* 2025 Feb;94:106283. doi: 10.1016/j.msard.2025.106283. Epub 2025 Jan 21. PMID: 39879942.

8. Kim HS, Schauer JM, Kan AK, Alinger JB, Strickland KJ, Garreau A, McCarthy DM, Taylor ZB, Fishman IL, Muschong KM, Roth HR. Emergency Department Vestibular Rehabilitation Therapy for Dizziness and Vertigo: A Nonrandomized Clinical Trial. *JAMA Netw Open.* 2025 Feb 3;8(2):e2459567. doi: 10.1001/jamanetworkopen.2024.59567. PMID: 39951266; PMCID: PMC11829232.

9. Yamato A, Yagi C, Kimura A, Kai R, Kitazawa M, Yamagishi T, Ohshima S, Izumi S, Imai T, Inohara H, Horii A. Is Vestibular Rehabilitation as Effective for Persistent Postural-Perceptual Dizziness as for Chronic

Dizzy Pub Fare 2025

Unilateral Vestibular Hypofunction? Otol Neurotol. 2025 Feb 1;46(2):170-175. doi: 10.1097/MAO.0000000000004397. Epub 2024 Dec 11. PMID: 39663796.

10.Klatt BN, Hovareshti P, Holt LS, Dunlap PM, Zalkin C, Tolani D, Whitney SL. A Tablet-Based Technology for Objective Exercise Monitoring in Vestibular Rehabilitation: Mixed Methods Study. JMIR Rehabil Assist Technol. 2025 Feb 4;12:e58713. doi: 10.2196/58713. PMID: 39903910; PMCID: PMC11813194.

March

1.González-García M, Prieto-Sánchez-de-Puerta L, Montilla-Ibáñez MA, Domínguez-Durán E, Sánchez-Gómez S, Sedeño-Vidal A. Efficacy of vestibular rehabilitation using unidirectional rotation paradigm in VOR asymmetry: systematic review and meta-analysis. Eur Arch Otorhinolaryngol. 2025 Mar 18. doi: 10.1007/s00405-025-09282-3. Epub ahead of print. PMID: 40102225.

2.ALShammari M, ALSharif DS, Aldaihan MM, Whitney SL. Vestibular Rehabilitation in Saudi Arabia: Practice, Knowledge, and Beliefs of Physical Therapists. J Clin Med. 2025 Mar 27;14(7):2295. doi: 10.3390/jcm14072295. PMID: 40217744; PMCID: PMC11989527.

3.David EA, Shahnaz N, Wiseman I, David Y, Cochrane CL. Computerized Dynamic Posturography-Guided Vestibular Rehabilitation Improves Vestibular Sensory Ratios. Ear Nose Throat J. 2025 Mar 12:1455613251321978. doi: 10.1177/01455613251321978. Epub ahead of print. PMID: 40072844.

4.Anderson M, McCorkle M, Hammonds K, Reynolds E, Gilliland T, Covert K, Driver S. Early vestibular rehabilitation initiation is associated with faster recovery after sport related concussion. J Sci Med Sport. 2025 Mar;28(3):222-227. doi: 10.1016/j.jsams.2024.11.001. Epub 2024 Nov 7. PMID: 39592288.

5.Wheeler C, Smith LJ, Sakel M, Wilkinson D. A systematic review of vestibular stimulation in post-stroke visual neglect. Neuropsychol Rehabil. 2025 Mar;35(2):408-440. doi: 10.1080/09602011.2024.2338603. Epub 2024 Apr 12. PMID: 38605647.

6.Chen Z, Liu Y, Sun Y, Wei X, Liu H, Lv Y, Shan J, Dong S, Xiao L, Rong L. Increased parietal operculum functional connectivity following vestibular rehabilitation in benign paroxysmal positional vertigo patients with residual dizziness: a randomized controlled resting-state fMRI study. Neuroradiology. 2025 Apr;67(4):931-942. doi: 10.1007/s00234-024-03535-4. Epub 2025 Jan 4. PMID: 39754615.

7.Marchand S, Langlade A, Legois Q, Séverac Cauquil A. A wide-ranging review of galvanic vestibular stimulation: from its genesis to basic science and clinical applications. Exp Brain Res. 2025 Apr 27;243(5):131. doi: 10.1007/s00221-025-07079-8. PMID: 40289049; PMCID: PMC12034599.

8.Vinolo-Gil MJ, García-Campanario I, Estebanez-Pérez MJ, Góngora-Rodríguez J, Rodríguez-Huguet M, Martín-Valero R. Telehealth Assessment of Diagnostic and Therapeutic Efficacy in Peripheral Vestibular Symptoms: A Systematic Review and Meta-Analysis. Telemed J E Health. 2025 May;31(5):540-554. doi: 10.1089/tmj.2024.0301. Epub 2025 Jan 6. PMID: 39757883.

9.Van Hecke R, Deconinck FJA, Van Acker E, Danneels M, Dhooge I, Van Waelvelde H, Wiersema JR, Maes L. Vestibular function in children with neurodevelopmental disorders: A neglected sense? Clin

Dizzy Pub Fare 2025

Neurophysiol. 2025 Mar;171:1-10. doi: 10.1016/j.clinph.2024.12.026. Epub 2025 Jan 20. PMID: 39848016.

10.Hoppes CW, Garcia de la Huerta T, Faull S, Weightman M, Stojak M, Dibble L, Pelo RM, Fino PC, Richard H, Lester M, King LA. Utility of the Vestibular/Ocular Motor Screening in Military Medicine: A Systematic Review. *Mil Med.* 2025 Apr 23;190(5-6):e969-e977. doi: 10.1093/milmed/usae494. PMID: 39432438.

April

1.Fu W, Bai Y, Wang X. Galvanic vestibular stimulation for postural rehabilitation in neurological disorders: a systematic review. *Front Neurosci.* 2025 Apr 16;19:1580078. doi: 10.3389/fnins.2025.1580078. PMID: 40309657; PMCID: PMC12040823.

2.Le Perf G, Thebault G, Duflos C, Herman F, Cauquil-Gleizes S, Laffont I. Can virtual reality replace conventional vestibular rehabilitation tools in multisensory balance exercises for vestibular disorders? A non-inferiority study. *J Neuroeng Rehabil.* 2025 Apr 19;22(1):86. doi: 10.1186/s12984-025-01623-x. PMID: 40253374; PMCID: PMC12008832.

3.Ebenezer A, Kumar K, Kalaiah MK, Dosemane D, Malik MR. Impact of vestibular rehabilitation therapy on quality of life and cognitive function in individuals with chronic dizziness or vertigo. *Eur Arch Otorhinolaryngol.* 2025 Apr 7. doi: 10.1007/s00405-025-09382-0. Epub ahead of print. PMID: 40195188.

4.Yu T, Chen X. Surgical treatment of otogenic vertigo. *Eur Arch Otorhinolaryngol.* 2025 May 23. doi: 10.1007/s00405-025-09467-w. Epub ahead of print. PMID: 40407891.

5.Tian E, Wang J, Wang Y, Zhang Y, Guo Z, Chen J, Guo J, Zhou Z, Shi S, Xu W, Yu X, Qiao C, Ma X, Lu Y, Zhang S. Orexin promotes vestibular compensation via projection from lateral hypothalamus to medial vestibular nucleus. *Sci Bull (Beijing).* 2025 Apr 15;70(7):1066-1070. doi: 10.1016/j.scib.2025.02.008. Epub 2025 Feb 17. PMID: 40000326.

6.Hirano S, Igarashi T, Inooka H, Mitsutake T. Progress in Balance Function and Vestibular Symptoms Following Vestibular Rehabilitation in a Patient With Left Cerebellar Infarction. *Cureus.* 2025 Apr 29;17(4):e83163. doi: 10.7759/cureus.83163. PMID: 40453247; PMCID: PMC12123390.

7.Castillo-Bustamante M, Ramos BF, Whitney S, Zuma E Maia F, Cal R, Madrigal J. Exploring the Link Between Traumatic Brain Injury and Benign Paroxysmal Positional Vertigo. *Cureus.* 2025 Apr 7;17(4):e81847. doi: 10.7759/cureus.81847. PMID: 40206494; PMCID: PMC11981238.

8.Arbel Y, Gimmon Y, Shmueli L. Evaluating the Potential of Large Language Models for Vestibular Rehabilitation Education: A Comparison of ChatGPT, Google Gemini, and Clinicians. *Phys Ther.* 2025 Apr 2;105(4):pzaf010. doi: 10.1093/ptj/pzaf010. PMID: 39932784; PMCID: PMC11994992.

9.Barnes K, Sveistrup H, Karimijashni M, Bayley M, Marshall S. Psychometric Properties of Vestibular and Ocular Measures Used for Concussion Assessments: A Scoping Review. *J Head Trauma Rehabil.* 2025

Dizzy Pub Fare 2025

May-Jun 01;40(3):E240-E250. doi: 10.1097/HTR.0000000000000985. Epub 2024 Sep 16. PMID: 39330929.

10.Magnussen LH, Wilhelmsen KT, Råheim M. Patient Experiences of a Group Intervention Integrating Vestibular Rehabilitation, Body Awareness, and Cognitive Behavioral Therapy for Long-Lasting Dizziness: A Focus Group Study. *Phys Ther*. 2025 Apr 30;pzaf062. doi: 10.1093/ptj/pzaf062. Epub ahead of print. PMID: 40302052.

May

1.Edwards C, Franklin E. Vestibular Rehabilitation. 2023 May 23. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2025 Jan–. PMID: 34283519.

2.Fan H, Ding Y, Elmadhoun A, Mangal R, Feng J, Geng X. Vestibular rehabilitation in patients with stroke: A comprehensive review of past and current evidence. *Brain Circ*. 2025 May 31;11(2):107-112. doi: 10.4103/bc.bc_16_23. PMID: 40520068; PMCID: PMC12164795.

3.Schubert MC, Boffino CC. Editorial: Vestibular rehabilitation, neuromodulation and balance in clinical applications of neurology and otoneurology: what is the recent evidence from basic and clinical research? *Front Rehabil Sci*. 2025 May 8;6:1602044. doi: 10.3389/fresc.2025.1602044. PMID: 40406378; PMCID: PMC12094931.

4.Wang S, Zhang D, Cao F, He X, Peng J. Establishment of a Predictive Model for the Efficacy of Vestibular Rehabilitation Therapy in Patients With Vestibular Peripheral Vertigo. *Br J Hosp Med (Lond)*. 2025 May 23;86(5):1-17. doi: 10.12968/hmed.2024.0985. Epub 2025 May 8. PMID: 40405860.

5.Zhu H, Li J, Li L, Zheng Q, Wei J. Enhanced recovery in unilateral vestibular hypofunction: The synergistic effect of medication and vestibular rehabilitation training. *Am J Otolaryngol*. 2025 May 14;46(5):104675. doi: 10.1016/j.amjoto.2025.104675. Epub ahead of print. PMID: 40398108.

6.Shiozaki T, Sakagami M, Okayasu T, Imai T, Kitahara T. Effects of vestibular rehabilitation in patients with residual dizziness after treatment for benign paroxysmal positional vertigo. *Acta Otolaryngol*. 2025 May 27:1-6. doi: 10.1080/00016489.2025.2506671. Epub ahead of print. PMID: 40424142.

7.Alroumi AM, Hoppes CW, Whitney SL, Li Z, Holt L, Ramakrishnan S, Barnicott SL, Logeais MT, Richard H, Salter SR, Tiede JM, Wirt MD, Hovareshti P. A virtual reality system for delivery of military-specific vestibular rehabilitation after mild traumatic brain injury: the Praxis study protocol. *Front Neurol*. 2025 May 21;16:1558795. doi: 10.3389/fneur.2025.1558795. PMID: 40470496; PMCID: PMC12133483.

8.Türk Kalkan T, Tarakçı D, Kiliç G, Çelikyurt C. Investigation of the Effectiveness of Transcutaneous Auricular Vagus Nerve Stimulation (taVNS) and Vestibular Rehabilitation in Patients with Unilateral Vestibular Hypofunction. *Medicina (Kaunas)*. 2025 May 9;61(5):872. doi: 10.3390/medicina61050872. PMID: 40428830; PMCID: PMC12113213.

9.Marsden J, Dennett R, Gibbon A, Knight Lozano R, Freeman JA, Bamio DE, Harris C, Hawton A, Goodwin E, Creanor S, Sorrell L, Hoskings J, Pavlou M. Vestibular Rehabilitation in Multiple Sclerosis:

Dizzy Pub Fare 2025

Randomized Controlled Trial and Cost-Effectiveness Analysis Comparing Customized With Booklet Based Vestibular Rehabilitation for Vestibulopathy. *Neurorehabil Neural Repair*. 2025 Jun 17;15459683251345444. doi: 10.1177/15459683251345444. Epub ahead of print. PMID: 40528281.

10.Simoneau M, Nooristani M, Blouin JS. Balance control threshold to vestibular stimuli. *J Physiol*. 2025 May;603(9):2783-2799. doi: 10.1113/JP288016. Epub 2025 Apr 4. PMID: 40183736; PMCID: PMC12072247.

June

1.Daniela L, Daniele M, Nicola B, Federico C, Livio P, Matteo AC, Sara D.Prognostic Factors for Facial Nerve Outcome after Vestibular Schwannoma Surgery: A 12-Year Multicentric Retrospective Study.*Otol Neurotol*. 2025 Jun 9; .PMID: 40501311

2.Liu L, He J, Nong F, Huang Y, Huang S, Qin X, Xiao C, Long Y.Changes in cortical activation during proprioceptive stimulation and galvanic vestibular stimulation in healthy individuals and individuals with post-stroke balance disorders: A functional near-infrared spectroscopy study.*Neuroimage Clin*. 2025 Jun 8;47:103822.PMID: 40499477.

3.Hadzhikolev H, Möhwald K, Jaufenthaler P, Wuehr M, Jahn K, Zwergal A.Prospective quantitative evaluation of gait and stance in patients with acute vertigo and dizziness.*J Neurol*. 2025 Jun 12;272(7):458.PMID: 40504383

4.Bonnard T, Doat E, Cazalets JR, Guehl D, Guillaud E.Visual and vestibular reweighting after cyber- and space-sickness.*Exp Physiol*. 2025 Jun 10; .PMID: 40493671

5.Breeden Z, Haddad L, Mendola Z, Vasil N, Mansour Y, Kulesza RJ Jr. Impact of repeated intranasal gentamicin irrigation on structure and function of the vestibular brainstem. *Exp Brain Res*. 2025 Jun 9;243(7):170. doi: 10.1007/s00221-025-07119-3. PMID: 40488759.

6.Lin YH, Chen MH, Yu SC, Bai YM, Su TP, Chen TJ, Tsai SJ. Risk of Alzheimer Disease and Vascular Dementia in Patients With Peripheral Vestibular Disorders: A Longitudinal Study of 140,726 Participants. *J Clin Psychiatry*. 2025 Jun 2;86(3):24m15699. doi: 10.4088/JCP.24m15699. PMID: 40488723.

7.Alolayet H, Murdin L. Benign paroxysmal positional vertigo a systematic review of the effects of comorbidities. *Front Neurol*. 2025 May 23;16:1595693. doi: 10.3389/fneur.2025.1595693. PMID: 40488199; PMCID: PMC12141001.

8.Nairn B, Koohi N, Kaski D, Bamiou DE, Pavlou M. Impact of Vestibular Rehabilitation and Dual-Task Training on Balance and Gait in Survivors of Stroke: A Systematic Review and Meta-Analysis. *J Am Heart Assoc*. 2025 Jun 3;14(11):e040663. doi: 10.1161/JAHA.124.040663. Epub 2025 May 23. PMID: 40407062.

9.Sun X, Cao Z, Li X. Vestibular rehabilitation: Proven benefits in enhancing balance and reducing dizziness. *Adv Clin Exp Med*. 2025 Jun 5. doi: 10.17219/acem/193242. Epub ahead of print. PMID: 40470864.



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Dizzy Pub Fare 2025

10. Kamo T, Ogihara H, Tanaka R, Azami M, Kato T, Tsunoda R, Fushiki H. Effects of Customized Web Video-Based Vestibular Rehabilitation for Patients With Vestibular Hypofunction: A Randomized Controlled Study. *Otol Neurotol*. 2025 Jun 1;46(5):573-580. doi: 10.1097/MAO.0000000000004494. Epub 2025 Mar 19. PMID: 40164976.