

List of publications

PEER REVIEWED-INTERNATIONAL JOURNALS

Singh, N. K., Thirunavukkarasu, K., Kumar P., & Braman, A. (2019). Effects of variation in response filter on ocular vestibular evoked myogenic potentials: A preliminary investigation. *Journal of Indian Speech Language & Hearing Association*, 33, 79-84.

Singh, N. K., & Barman, A. (2019). Inter-frequency amplitude ratio of oVEMP for differentiating Meniere's disease from BPPV: clinical validation using a double-blind approach. *International Journal of Audiology*, 58(1), 21-28. doi: 10.1080/14992027.2018.1529440.

Kumar, P., Sanju, H. M., Oovattil, R.H., Ganapathy, M. K., & Singh, N. K. (2020). Utility of acoustic change complex as an objective tool to evaluate DLI in cochlear hearing loss and auditory neuropathy spectrum disorder. *American Journal of Audiology*, 29, 375–383. doi: 10.1044/2020_AJA-19-00084

Kumar, P., Sanju, H.K., & Singh, N. K. (2020). Neural representation of consonant–vowel transition in individuals with cochlear hearing loss and auditory neuropathy spectrum disorder. *European Archives of Otorhinolaryngology*, <https://doi.org/10.1007/s00405-020-06017-4>.

Kumar, P., Singh, N. K., Sanju, H. K., & Kaverappa, G. M. (2020). Feasibility of objective assessment of difference limen for intensity using acoustic change complex in children with central auditory processing disorder. International Journal of Pediatric Otorhinolaryngology, 137, 110189. Doi: <https://doi.org/10.1016/j.ijporl.2020.110189>Get rights and content

Kumar, P., Singh, N. K., Ganapathy, M. K., Sanju, H., & Apeksha, K. (2020). Coding of consonant–vowel transition in children with central auditory processing disorder: an electrophysiological study. *European Archives of Oto-Rhino-Laryngology*, doi: 10.1007/s00405-020-06425-6.

Singh, N. K., & Firdose, H. (2020). Characterizing the impact of advancing age on 500 Hz tone-burst evoked ocular vestibular evoked myogenic potentials. *European Archives of Oto-Rhino-Laryngology*, doi: [10.1007/s00405-020-06542-2](https://doi.org/10.1007/s00405-020-06542-2).

Singh, N. K., Firdose, H., & Barman, A. (2021). Effect of advancing age on inter-frequency amplitude ratio of ocular vestibular evoked myogenic potentials. *International Journal of Audiology*, doi: 10.1080/14992027.2021.1893840.

Singh, N. K., Sinha, S., Keshree, N. K., Kothari, S., Kumar, S., & Kumar P. (2021). Relative efficacy of veria and mastoidectomy techniques of cochlear implantation in preservation of sound-induced saccular responses. *International Journal of Audiology*, doi: <https://doi.org/10.1080/14992027.2021.1905891>.

Kumar P., Singh, N. K., Apeksha, K., Ghosh, V., Kumar, R. R., Muthaiah, B. K. (2021). Auditory and vestibular functioning in individuals with type-2 diabetes mellitus: A systematic review. *International Archives of Otorhinolaryngology*. doi: <https://doi.org/10.1055/s-0041-1726041>.

Gargeshwari, A., Jha, R. H., Singh, N. K., & Kumar, P. (2017). Behavioural and objective vestibular assessment in persons with osteoporosis and osteopenia:a preliminary investigation. *Brazilian Journal of Otorhinolaryngology*.

Singh, N. K., Jha, R. H., Gargeshwari, A., & Kumar, P. (2017). Altered auditory and vestibular functioning in individuals with low bone mineral density: a systematic review. European Archives of Oto-Rhino-Laryngology. DOI 10.1007/s00405-017-4768-4.

Kishore Tanniru, Vijaya Kumar Narne, Chandni Jain, Sreeraj Konadath, Niraj Kumar Singh, K.J.Ramadevi Sreenivas & Anusha K. (2017). Development of equally intelligible telugu sentence-lists to test speech recognition in noise. International Journal of Audiology 2017; Vol. 56: pg. 664-671.

Barman, A., Prabhu, P., Narne, V.K., Thammaiah, S., Singh, N.K. & Gupta, M. (2017). Development and standardization of auditory low-frequency word lists in Hindi. *Journal of Hearing Science*, 6(4): 39-49.

Barman, A., Prabhu, P., Narne, V K., Singh, N K. & Spoorthi, T. (2017). Low frequency bi-syllabic wordlists in a South-Indian language, Kannada: development, standardization and validation. *Hearing, Balance & Communication*, 15(1), 38-47.

Singh, N. K. & Barman, A. (In Press). Utility of the frequency tuning measure of oVEMP in differentiating Meniere's disease from BPPV. *Journal of the American Academy of Audiology*.

Singh, N. K. & Sasidharan, C. S. (2016). Effect of personal music system use on sacculocolic reflex assessed by cervical vestibular evoked myogenic potential: A preliminary investigation. *Noise and Health*, 18, 104-112.

Singh, N. K., Sinha, S. K., & Barman, A. (2016). Assessment of otolith mediated neural reflexes through cervical and ocular vestibular evoked myogenic potentials in individuals with Auditory Neuropathy Spectrum Disorders. *Hearing, Balance and Communication*.

Singh, N.K. & Apeksha, K. (2016). 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 and Head & Neck*.

Singh, N.K. & Barman, A. (2016). Frequency-amplitude ratio of ocular vestibular evoked myogenic potentials for detecting Meniere's disease: a preliminary investigation. *Ear and Hearing*.

Singh, N. K., & Barman, A. (2015). Efficacy of ocular vestibular-evoked myogenic potential in identifying posterior semicircular canal benign paroxysmal positional vertigo. *Ear and Hearing*, 36(2), 261–268.

Singh, N. K., Sinha, S. K., Rajeshwari, G., Apeksha, K., & Barman, A. (2015). Frequency-Amplitude Ratio of Cervical Vestibular Evoked Myogenic Potential for Identifying Meniere's Disease. *International Journal of Health Sciences and Research (IJHSR)*, 5(3), 228–237.

Kumar, P., & Singh, N. K. (2015). BioMARK as electrophysiological tool for assessing children at risk for (central) auditory processing disorders without reading deficits. *Hearing Research*, 324, 54-58.

Singh, N. K., Valappil, N., & Mithlaj, J. A. (2015). Response rates and test-retest reliability of ipsilateral and contralateral ocular vestibular evoked myogenic potential in healthy adults. *Hearing, Balance and Communication*, 13(3), 126-133.

Singh, N. K., Krishnamurthy, R., & Premkumar, K. P. (2015). Relative Efficiency of Cochlear Hydrops Analysis Masking Procedure and Cervical Vestibular Evoked Myogenic Potential in Identification of Meniere's Disease. *Advances in Otolaryngology*, 1-11.

Singh, N. K. & Barman, A. (2015). Efficacy of Ocular Vestibular Evoked Myogenic Potential in Identifying Posterior Semicircular Canal Benign Paroxysmal Positional Vertigo. *Ear and Hearing*, 36(2), 261-268.

Singh, N.K., Kumar, P., Aparna, T. H., & Barman, A. (2014). Rise/fall and plateau time optimization for cervical vestibular-evoked myogenic potential elicited by short tone bursts of 500 Hz. *International Journal of Audiology*, 1-7.53, 490-496.

Sujeet, K. S., Niraj, K. S., Animesh, B., Rajeshwari, G., & Sharanya, R. (2014). Cervical vestibular evoked myogenic potentials and caloric test results in individuals with auditory neuropathy spectrum disorders. *Journal of Vestibular Research*, 24(4), 313–323.

Singh, N.K., Sinha, S.K., Rajeshwari G., Kumari Apeksha (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.

Singh, N. K., Pandey, P., & Mahesh, S. (2014). Assessment of otolith function using cervical and ocular vestibular evoked myogenic potentials in individuals with motion sickness. *Ergonomics*, 57(12), 1907-1918.

Singh, N. K., Kadisonga, P., & Ashitha, P. (2014). Optimizing stimulus repetition rate for recording ocular vestibular evoked myogenic potential elicited by air-conduction tone bursts of 500 Hz. *Audiology Research*, 4 (88), 14-20.

Singh, N. K., & Apeksha, K. (2014). The effect of rise/fall time of 500 Hz short tone bursts on cervical vestibular evoked myogenic potential. *Journal of Vestibular Research*, 24, 25–31.

Jain, C., V. K., Singh, N. K., Kumar, P., & Mekhala (2014). The development of Hindi sentence test for speech recognition in noise. *International Journal of Speech Language Pathology and Audiology*, 86-94.

Sinha, S. K., Barman, A., Singh, N. K., Rajeshwari, G., & Sharanya, R. (2013). Vestibular test findings in individuals with auditory neuropathy: review. *The Journal of Laryngology and Otology*, 127, 448-451.

Singh, N. K., & Barman, A. (2013). Characterizing the frequency tuning properties of air-conduction ocular vestibular evoked myogenic potentials in healthy individuals. *International Journal of Audiology*, 52, 849-854.

Sinha, S. K., Barman, A., Singh, N. K., Rajeshwari, G., & Sharanya, R. (2013). Involvement of peripheral vestibular nerve in individuals with auditory neuropathy. *European Archives of Oto-Rhino-Laryngology*, 270, 2207-2214.

Kumar, P., Singh, N. K., & Ghosh, V. (2013). Behavioral assessment of children at the risk of central auditory processing disorder without reading deficits. *Journal of Hearing Science*, 3, 49-53.

Singh, N. K., Singh, P., Usha, M., & Akshay, M. (2013). Audio-vestibular findings in vestibular paroxysmia. *Indian Journal of Otology*, 19(2), 82-84.

Singh, N. K., Kashyap, R. S., Supreetha, L. & Sahana, V. (2013). Characterization of age-related changes in sacculocolic response parameters assessed by cervical vestibular evoked myogenic potentials. *European Archives of Oto-Rhino-Laryngology and Head and Neck*, 271(7), 1869-1877.

Kumar, K., Sinha, S. K., Bharti. A., Singh, N. K., & Barman A. (2007). Vestibular evoked myogenic potentials in individuals with auditory neuropathy. *Asia Pacific Journal of Speech Language and Hearing*, 10(3), 181-187.

PEER REVIEWED-NATIONAL JOURNALS

Gargeshwari, A., Singh, N.K., Kumar, P. Jha, R.H.(2017) Effect of lowered bone mineral density on the outcomes of audiological tests: A preliminary study. *Journal of Indian Speech Language and Hearing Association*, 31 (1), 29-35.

Singh, N. K.,&Barman, A. (2014).Characterizing the effects of frequency on parameters of short tone-bursts induced ocular vestibular evoked myogenic potentials. *Journal of Indian Speech & Hearing Association*, 28(1), 1-9.

Singh, N. K.,Sarda, S., Sinha, S., &Tamsekar, S. (2011). Test retest reliability of ocular vestibular evoked myogenic potentials. *Journal of All India Institute of Speech and Hearing*, 30, 207-210.