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Impact of hearing aids on tinnitus treatment

Vural Fidan

Yunus Emre Government Hospital, Turkey

Tinnitus is generally resulted by expression of neural plasticity evoked by deprivation of auditory input. The hearing aids makes the patient less aware of the tinnitus and it helps communication in tinnitus patients. Hearing loss reduces stimulation from sounds. Hearing aids help enough activation of the auditory nervous system to reduce the tinnitus perception so they have an impact on tinnitus by restoring neural function. We studied on 25 patients to investigate the effect of hearing aids on tinnitus. 60% of patients said that their tinnitus were absent and 36% of them said that their tinnitus were decreased. Only 4% said that his tinnitus was not changed. As a result hearing aids should be used to both ears to take the best results.

Biography

Vural Fidan has recieved his MD and PhD in Hacettepe University. He is the Deputy Director of ENT Department. He is an Otorhinolaryngologist at Yunus Emre Government Hospital. He has worked as a Visiting Scientist at Yale University ENT and Allegry Departments. He has more than 20 SCI indexed articles. His research interests are pulmonary hypertension, allergy, otology, rhinology and sleep medicine.

vuralf@mynet.com

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