

Possible Association of Demyelination and Sensorineural Hearing Loss in Multiple Sclerosis

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Abstract

Sensorineural hearing loss (SNHL) may occur in rare cases of multiple sclerosis (MS), but the frequency of such cases is unclear. This project is to explore the possible association between demyelination and SNHL by searching the related articles in Pubmed published between the first of January 2015 and End of December 2018.

Although SNHL was rarely reported in MS patients but its frequency is still higher than that in the general population. Also, the degree of SNHL in MS varied greatly from severe and sudden hearing loss to subclinical hearing defects. This study suggests that demyelination is a risk for different degree of hearing loss. We recommend to regularly check the hearing status as part of the health care of MS patients.