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## Otolaryngology - Head and Neck Surgery

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## Hearing loss in Behçet syndrome

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## Abstract

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**Objective:** To determine the prevalence and characteristics of hearing loss in Behçet syndrome. **Study Design and Setting:** This study included 27 patients with Behçet syndrome and 35 sex- and age-matched controls. A complete audiological evaluation was performed. **Results:** The average pure-tone audiograms from both groups showed a statistically significant hearing loss in the Behçet group. Sixteen patients (59.26%) showed some degrees of sensorineural hearing loss (SNHL), with the high-frequency type (4, 8, 10, and 12 kHz) being the most common pattern (93.75%). Hearing loss was the fourth most common manifestation. Although the patient's age, sex, and the duration of the disease were not related to hearing loss, there was a significant correlation between a negative pathergy test and hearing loss in patients with Behçet syndrome. **Conclusion:** We should consider audiovestibular involvement in Behçet syndrome as a common finding. © 2007 American Academy of Otolaryngology-Head and Neck Surgery Foundation.

## Reaxys Database Information

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## Indexed Keywords

EMTREE medical terms: adult; article; audiology; Behcet disease; clinical article; controlled study; disease duration; female; hearing loss; human; male; perception deafness; prevalence

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