



TITLE: Therapeutic effect of caloric irrigation on floating sensation in patients with Meniere's disease

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ABSTRACT

Endolymphatic hydrops (ELH) known as the main pathophysiology of Menière's disease (MD). ELH recurs periodically without any specific rhythm. Therefore, the patient may be in attack-phase (acute) or inter-attack phase (chronic). However, some of MD patients referred to us has a debilitating floating sensation or imbalance. In my experience, caloric irrigation can dramatically decrease such complaints. I want to report three unilateral and chronic MD patients with floating sensation treated unexpectedly with caloric stimulation in one session. They did not report any relapse of such sensations within the next 3 months.

Does the caloric stimulation relieve ELH transiently or have a more central effect? Based on literature, I want to discuss these results.

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BIOGRAPHY

Moslem Shaabani has completed his Ph.D. in audiology at the age of 34 years from University of Social Welfare and Rehabilitation Sciences (USWR), Iran. Now, he is an assistant professor in the audiology department of USWR, Tehran. He has recently published a book chapter on "Hearing and Vestibular Testing in Menière's Disease". So far, he has evaluated and rehabilitated more than 3000 patients with vertigo and imbalance.