

Abstract EFAS/DGA 2007

VENG Abnormalities in BPPV

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Aim:

The purpose of this study was to investigate the abnormal VENG results in patients with BPPV.

Methods:

33 patients (48.54 ± 15.94 years of age), (24 women and 9 man) with benign paroxysmal positional vertigo (BPPV) were evaluated in Hacettepe University, Vestibular Lab. with Video-ENG (January 2006 – December 2006).

Results:

In 8 (24.24%) patients were found pathologic results that indicating BPPV in VENG during Dix-Hallpike maneuver and no any other pathologic findings.

But there were found abnormal VENG results in 25 patients with BPPV. "Vertical Gaze" in 4(16%), "Horizontal Gaze" in 11(44%), "Saccadic" in 5(20%), "OPK-Fixed" in 14(56%) and "Spontan Nistagmus" in 18(72%) patients were found. After treatment with canalith repositioning maneuver, the abnormal VENG results were disappeared.

Conclusion:

VENG is an effective test methods for BPPV. But abnormal results can be seen during the VENG tests. The control tests must be done after repositioning maneuver in BPPV patients.

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