

:-ABSTRACT:-

TITLE OF ABSTRACT: - To establish normative values of SVV and SVH in Indian population and evaluate its role in migranous vertigo patients.

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DEGREE AND SUBJECT:-MS-ENT

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OBJECTIVES:-

To establish normative data for static and dynamic Subjective Visual Vertical and Horizontal (SVV & SVH) in Indian population and to evaluate its role as a screening tool for migranous vertigo patients. Another objective of our study was to analyse the otoneurological profile of migranous vertigo patients.

METHODS:-

All patients presenting to the ENT opd in a tertiary care hospital who were diagnosed as migranous vertigo were recruited into the study group of migranous vertigo and the relatives of the patients who volunteered for SVV and SVH examination and were found to be clinically normal were recruited into the normal volunteer group. Six readings each for dynamic and static subjective vertical/horizontal were recorded and average means were calculated. The values of migranous vertigo patients were compared with the normative values calculated.

RESULTS: -

The normative values were 1.49 degrees for static vertical, 1.92 degrees for dynamic vertical, 1.63 degrees for static horizontal and 1.94 degrees for dynamic horizontal. The corresponding values in migranous vertigo were significant for dynamic subjective visual vertical and dynamic subjective visual horizontal. The above suggested SVV/SVH to be good screening tool for migranous vertigo.