

DYNAMIC VISUAL ACUITY



For screening of vestibular impairment

Dynamic Visual Acuity (DVA) is an investigation for detection of bilateral peripheral vestibulopathy and early detection of vestibulotoxicity. It assesses the ability of the subject to maintain the image on the fovea during head movement. This is an important function of vestibulo-ocular reflex (VOR). When the VOR system is impaired, visual acuity degrades substantially during head movement as there is a slip of the image from the fovea causing blurring of vision. The difference between static and dynamic visual acuity is displayed in graphical form. The test protocol is based on LogMAR chart.

DVA also helps identify patients likely to benefit from vestibular rehabilitation and is useful in customizing rehabilitation exercises. DVA is an excellent objective measurement providing precise indication of patient's ability to see objects when performing activities of daily life while on the move.



Product specifications

- Computerized with rate sensor for head movement to provide precise recordings
- Sound assistance for easy head movement
- Evaluation of semicircular canal function both for unilateral & bilateral disorders
- Patent pending

Cloud integration for anywhere access

- Data from the tests is automatically and seamlessly saved on the cloud and can be accessed over internet from anywhere in the world.
- Allows for easy restoration of documentation in case of local system crashes.

NeuroEquilibrium™ provides a comprehensive management of vertigo and balance disorders by breakthrough innovations. Our strategy is to set up specialized advanced vertigo and balance clinics across India, Asia and Africa to treat the huge numbers of vertigo and balance disorder patients through our

- Neurotological evaluation with our suite of world class diagnostic equipment;
- Specialist neurotological team; and
- NeuroEquilibrium™ Assessment Platform making it India's first robust diagnostic protocol to help doctors diagnose and treat vertigo cases easily across continents.

Let's **get together** to
restore **balance**™




NeuroEquilibrium

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ISO 13485:2003



Video Nystagmography
(VNG)

Craniocorpography
(CCG)

Subjective Visual Vertical
(SVV)

NeuroEquilibrium™
Assessment Platform