



Neuro Equilibrium[®]

**Cutting-edge technology for
diagnosis and treatment of
vertigo & balance disorders**

VIDEO HEAD IMPULSE TEST

The vHIT enables to test all 6 semi-circular canals at high frequency as well as the saccades strategies (overt and covert). VOR (Vestibulo-Ocular Reflex) and VOR Suppression (VORs) tests identify the presence or absence of saccadic eye movement in order to simultaneously test for the co-existence of vestibular and cerebellar pathology and thus diagnose vestibulo-cerebellar disease.

Features

- Quick test: 10 minutes to test the 6 canals and detect saccades (overt and covert) and to obtain complete analysis
- Independent analysis of the 6 semi-circular canals through fast head movements
- Built-in calibration lasers for simple & quick calibration
- Nine axis motion sensor accurately measures the head movement allowing for simultaneous comparison of head and eye movement.
- Head position & motion can be tracked accurately through the sensor
- Frame rate - 200 fps
- Lightweight goggle design to reduce slippage
- Fully integrated and computerized with real time recording of all parameters
- Advanced eye tracking algorithm which eliminates errors due to blinking of the eye
- Videos of the eye movement can be viewed during & after the test
- Detailed, customized reports automatically created in pdf format



NeuroEquilibrium™ provides systems for comprehensive management of vertigo and balance disorders by breakthrough innovations. Our strategy is to set up specialized advanced vertigo and balance clinics across the world in collaboration with leading ENT and neurology clinics and multi-speciality hospitals through:

- Neurotological evaluation with our suite of world class diagnostic equipment
- A team of neurotological specialists.

We are India's first robust diagnostic platform helping doctors diagnose and treat vertigo and balance disorder across the world.

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



**Neuro
Equilibrium**
Diagnostic Systems Pvt Ltd.

140, Sri Gopal Nagar,
Gopalpura Bypass Road,
Jaipur - 302015
India

info@neuroequilibrium.in
www.neuroequilibrium.in



An ISO 9001 and ISO 13485 certified company