

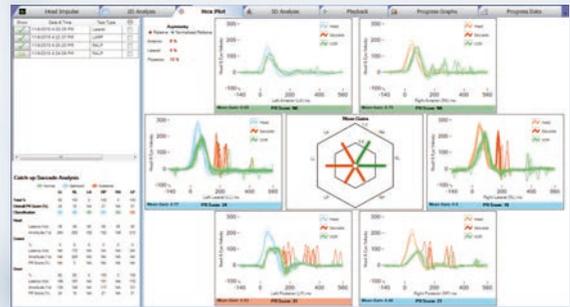
ASSESS ALL SIX
SEMI-CIRCULAR CANALS



GREATER PRECISION... ..FASTER DIAGNOSIS



The head impulse test (HIT) provides quick, clear-cut side of lesion specific assessment of the vestibulo-ocular reflex response to stimuli in the high-frequency range, the natural range of head movements. It is the only test that can assess all six semicircular canals. ICS Impulse® from Otometrics is the world's first vHIT device to combine gold-standard accuracy with unrivaled patient comfort, enabling you to perform head impulse testing with inarguable results. Fast, simple and precise, ICS Impulse is recommended as the first step in analysis, helping to improve your workflow and spend more time on patient care.



ICS Impulse: THE RESULT OF DECADES OF RESEARCH

Validated against Scleral Search Coils

ICS Impulse is the only vHIT system approved by Drs. Halmagyi and Curthoys.

Suppression Head Impulse Paradigm (SHIMP) for residual vestibular function.

SHIMP is similar to traditional vHIT but the patient fixates on the laser dot projected from the goggles. SHIMP assists in the determination if there is paralysis or paresis of the impaired semicircular canals.

Stimuli replicating the patient's everyday situations

The high-frequency stimuli used in vHIT is similar to that used in daily activity.

Unsurpassed diagnostic precision

In addition to providing an accurate, objective measure of the vestibulo-ocular reflex, ICS Impulse allows clinicians to test acute patients with spontaneous nystagmus. Both overt and covert saccades can be detected allowing for proper diagnosis and rehabilitation recommendations.



Complete your test by assessing lateral, anterior and posterior semicircular canals in less than 10 minutes.

Pleasant test improves patient care

Due to the sophisticated cameras, smaller velocity head impulses of only 15 to 20 degrees are used.

Head Position and Operator Feedback

Head and Eye Position Feedback guides you to position the patient's head properly for LARP/RALP testing. Proper placement ensures that canals are isolated during testing and accurate data is obtained. Training curves assist you in performing quality head impulses of proper velocities. Operator feedback with audio cue provides immediate information when a head impulse is not performed properly. Proprietary algorithms ensure that only good data is analyzed.

Age Normative Data, Catch-up Saccade Analysis and Hex Plot

View analysis in 2D, Hex Plot or 3D. Gain graph has built-in published age normative data. A 360° 3-D picture facilitates easy identification of saccades. The Hex Plot allows you to visualize the results from all six semicircular canals. Catch-up Saccade Analysis classifies the saccades as gathered or scattered as well as provides head, covert and overt saccade latency, amplitude and PR score (coefficient of variance). Chart progress by comparing results from multiple test sessions.

Superior playback

Real Time trace, training curve, eye video, head position feedback or room video all play back synchronously. For each head impulse the 2D trace is highlighted and the gain is circled. The data can be played back in normal speed or slow motion. Playback allows you to review all components of the data collection.

START HELPING MORE VESTIBULAR PATIENTS TODAY



Visit ICSImpulse.com for more product information, training and webinars.

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