

Richard P. Newman, MD

VNG Interpretations

Test Marking Recommendations

Tracking

Best 10 second epoch artifact-free sinusoidal waveforms at highest measurable gain
Note: saccadic intrusions (stair steps) may be seen and should be included.

Saccades

Best 10 second artifact-free epoch square waves matching
(trailing, not anticipating) stimulus with lowest latency value.

OPK

Best 10 second artifact-free epoch with nystagmus (saw tooth wave) marked at highest values, left and right.

Gaze

Mark nystagmus if present. Mark flat area if not. (Same for R, L, U, D).

Active Head Rotation

Mark from 1 Hz on for 10 seconds. Should appear sinusoidal and (at best)
180 degrees out of phase with stimulus. Same for horizontal and vertical.

Spontaneous

Mark if and where nystagmus present, highest number.

Spontaneous with fixation (called Gaze w/ fixation)

Mark if and where nystagmus present, highest number.

Torsion Swing

Mark best 10 second artifact-free epoch with sinusoidal wave form at highest gain.

Torsion with fixation

Mark best 10 second artifact-free epoch with sinusoidal wave form at lowest gain.

Dix-Hallpike

Best 10 second artifact-free epoch with nystagmus marked at highest values, left and right.
Note what you observe on monitor in "Summary Text" including if significant nystagmus appeared immediately
or after >4 seconds. Remember to hold position for at least 40 seconds for nystagmus to appear.

Positionals

Best 10 second artifact-free epoch with nystagmus marked at highest values, left and right for all 5 positions.

Calorics

Best 10 second artifact-free epoch with nystagmus (saw tooth wave) marked at highest values,
left and right, all 4 positions. Make note about suppression in "Summary Text"