

VN415

Tests

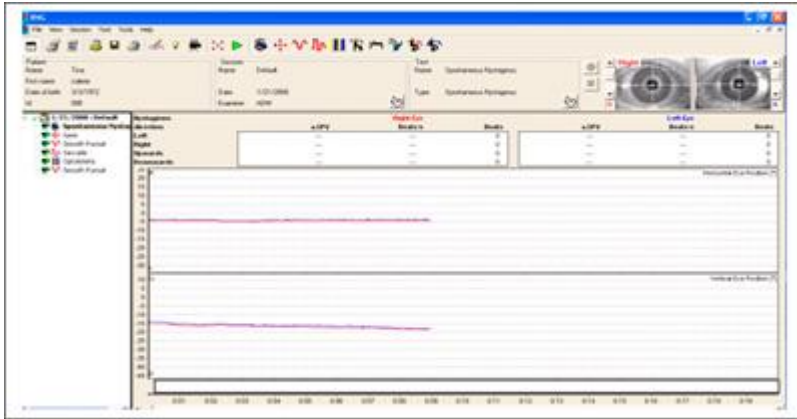


Interacoustics[®]

leading diagnostic solutions

Spontaneous Nystagmus Test

The spontaneous nystagmus test is used to record non-evoked eye movements. This test is conducted with goggle cover attached to the front of the mask. This allows for recordings with the eyes open in complete darkness thus eliminating any possibility of fixation.

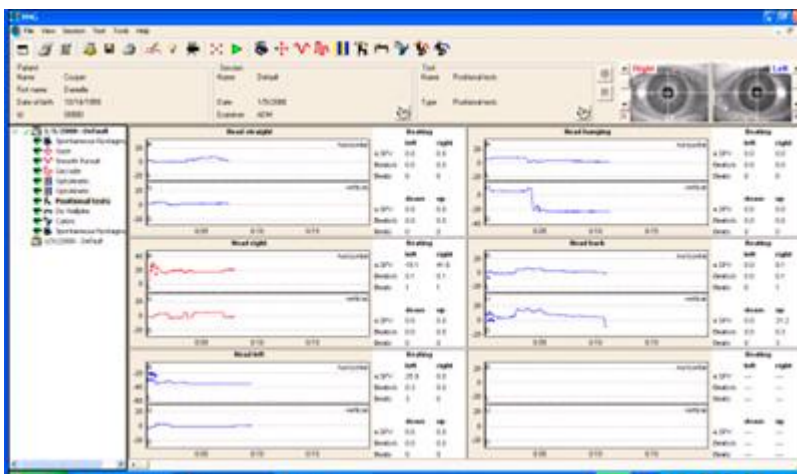


Spontaneous Nystagmus Test Window

Positional Tests

The Positional Tests allows the examiner to compare several measurements collected with the patient in a variety of positions, for e.g. “head to the right”. The statistical analysis is identical to the analysis of the spontaneous nystagmus test. Various tests can be displayed on one page; the number of tests that can be displayed will depend on which options you select when configuring the test. If you choose to collect both horizontal and vertical data the number of tests displayed on a single page will be fewer then if you only collect either horizontal or vertical data.

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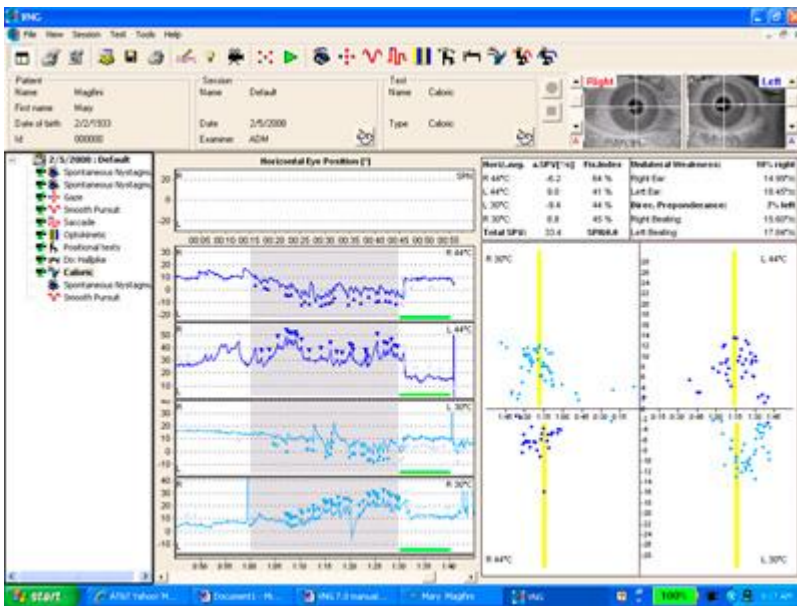


Positional Tests Window

Caloric Irrigation Test

The caloric irrigation test acquires eye movement data during direct stimulation of the vestibular organ using an irrigator to provide temperature controlled air or water. Recorded data is analyzed for slow phase velocity and frequency of nystagmus beating and is displayed in various standard diagrams. In addition, the values for unilateral weakness and directional preponderance are calculated and displayed (see below).

Before the caloric irrigation test is performed, a spontaneous nystagmus (SPN) beating can be recorded. This is recommended for patients that have shown nystagmus in conditions without stimulation. The average slow phase velocity determined during the caloric SPN test is used in the calculation of directional preponderance.



Caloric Irrigation Test Window