

ABRIS

Feature Overview

ABR Technology

The validity of ABR for hearing assessment is well proven. ABRIS adds speed to this reliability and a powerful detection algorithm that can identify even small responses.

Very Fast

Typical 20 seconds for a pass outcome.

Automatic

If there is a problem (e.g. poor electrode contact) ABRIS will not start the test. After the test starts, ABRIS will pause if the child is restless and continue a little later.

No Ambiguity

ABRIS returns a pass or refer result. There is no user interpretation.

Easy to use

Just mount the electrodes and press START. Noise levels in the EEG are reported back to the tester.

Reliable

Sensitivity 99.99 %: Specificity 97 % Sensitivity measures how well babies with hearing problems are correctly identified. Specificity measures how well normal hearing babies are excluded.

Electrode Montage

Can be 3 or 4 electrode montage with the appropriate pre amplifier. Standard is 4 electrode montages.

Stimuli

Click stimuli are used, selectable at 30, 35 and 40 dBnHL and presented at 93 Hz. Stimuli can be presented through a TDH39 headset or insert earphones. The system automatically uses the correct calibration values for the selected phones.

Reports and Comments

A built in printable color report is embedded in the software. It can be displayed at any time with print preview. Comments added by the tester during the test session are included in the report.

OtoAccess

ABRIS results can be stored directly to the OtoAccess database or a NOAH compatible system. In either case, they are immediately available