Everyone has a secret weapon. Ours is named Kalman.

Vivosonic’s patented algorithm Kalman Weighted Filtering: optimizes digital signal processing and dramatically reduces artifacts coming from muscular and ocular electrical activity, allowing you to test virtually any patient.

It is ideal for testing non-sedated, non-relaxed, awake, and even active patients like feeding or nursing infants and playing children.

Kalman is what makes Integrity non-sedated ABRs possible.

If you’d like to know more about the Integrity System and what it can do for your clinic, contact us today to arrange a demo.

1.877.255.7685
www.vivosonic.com
Integrity’s patented and award winning technologies reduce or eliminate many of the frustrations hampering today’s Audiologists performing ABR tests by allowing for superior overall performance in clinical results, patient care and economic efficiency.

High-Definition ABR Without Sedation
Using Kalman Weighted Filtering, the Integrity is able to generate superior diagnostic results without sedation. This is particularly suitable to pediatric patients, who can now feed, speak, play or wake up while being tested. It is also an invaluable tool for hard-to-test patients from the general population.

Flexible Options to Suit Your Situational Needs
With variable options that can include Non-Sedated ABR, OAE and Non-Invasive ECochG, Vivosonic’s innovative Integrity enables clinicians to perform Auditory Electrophysiological or Otoacoustic Emission assessment, on almost any patient, from newborns to seniors.

Test Wirelessly, In Virtually Any Situation
The first system to possess wireless capabilities, Integrity is a revolution in portable diagnostics, fitting unobtrusively on an alert child’s back who is playing quietly during testing, or into the OR. In addition, the Amplitrode (a miniature electrode mounted bio-amplifier) protects against electromagnetic noise, delivering clear results in places with electric and magnetic interferences such as Neonatal Intensive Care Units (NICU), hospitals, military medical centers, Operating Rooms (OR) and other clinical settings.

Improved Patient Care and Economics
Hospitals will eliminate patient risk associated with anesthesia and shorten the test-to-service timeliness. In addition, they will also be helping to reduce the burden of anesthesia costs on the national healthcare system.

Vivolink™
Vivolink is the world’s only wireless combined platform for Auditory Electrophysiological and Otoacoustic Emission assessment, as well as hearing screening. The included batteries provide clean power for better results.

A built-in microprocessor generates stimuli and analyzes responses. To ensure stimuli precision generation and signal acquisition, Vivolink employs very high A/D and D/A resolution and sampling rates. It is convenient and comfortable to use and can be secured on an adult with a lanyard placed next to the baby in a NICU incubator, car seat, stroller, or worn by the baby’s caregiver or child as a back-pack.

OAE Probe
The OAE packages include a general-use probe (vented and serviceable) that consists of the smallest Knowles microphones and powerful mid-size receivers (speakers), a dual-microphone design which provides an additional 3 dB of signal-to-noise ratio (SNR) and an ultra-soft, 2m (6.7 ft) long cable with clothing clip. The probe fits comfortably into the ears of almost any adult or child when fitted with included ear tips and can be used with ear muffs for noise reduction.

Non-Invasive ECochG
For those adults requiring additional tests for ailments such as Ménière’s Disease, Integrity is one of the most patient-centric ECochG systems on the market. Unlike other systems Integrity is capable of achieving clear ECochG results using gold foiled ear tips, allowing for successful test results without touching or perforating the tympanic membrane.