

ACCURSOUND ELECTRONIC STETHOSCOPE

CONTINUOUS RESPIRATORY SOUND MONITORING SYSTEM

Designed for procedural sedation/anesthesia

Securing continuous respiratory function and patient safety



WHY CHOOSE OUR SYSTEM? CHALLENGES OF CONVENTIONAL MONITORING

- Open-airway monitoring is challenging
- Capnography is disruption-prone
- SpO2 is an eventual indicator

SYSTEM FEATURES

- Real-time visualized respiratory monitoring
- Active noise cancellation for precise auscultation
- Early detection of respiratory abnormalities
- Built-in safety alerts for coordinated team response



ACCURSOUND

- Active noise cancellation for clear breathing sounds
- High-fidelity respiratory sound casting
- Electromagnetic shielding against device and radiation interference
- FDA 510k Cleared: K242971
- U.S. Patent US11090023B2



AIRMOD

- Conversion of auscultation sounds into visual cue
- AI-powered respiratory abnormalities detection
- Latency < 600ms
- FDA 510k Cleared: K242798
- U.S. Patent US11813109B2





TRUSTED BY PROFESSIONALS

Dr. Turan —

*Vice Chair, Outcomes Research Center,
UTHealth Houston*

“When the capnography fails, I think we need another device that can help us with hypoxia and hypoventilation, and Airmod seems to fill this gap.”

Dr. Marvin Iaventer —

Maryland School of Dentistry

“Airmod is somewhere between capnography and a precordial stethoscope, combining both benefits.”



CLINICAL APPLICATIONS

GASTROENTEROLOGY

Endoscopy, ERCP, ESD, EMR procedural sedation

DENTISTRY

Pediatric dentistry and special needs dental sedation

OBSTETRICS AND GYNECOLOGY, UROLOGY

Caesarean section, Hysteroscopy, Cystoscopy,
Ureteroscopic Lithotripsy, anesthesia and recovery

CARDIOLOGY & THORACIC MEDICINE

Cardiac Catheterization, Bronchoscopy,
Thoracoscopic Surgery, analgesic procedures

AESTHETIC PROCEDURE & PAIN MANAGEMENT

Liposuction, Vertebroplasty/ Kyphoplasty,
total intravenous anesthesia



CONTACT US

HEROIC FAITH INTERNATIONAL LTD.

Taiwan Office | Room L, 4F, No. 3, Yuandong Road,
Banqiao District, New Taipei City 220

USA Office | 14430 Monte Vista Ave,
Chino, CA 91710

Email: info@heroic-faith.com



<https://heroicfaithusa.com>

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