

# AccurSound Electronic Stethoscope AS -101

The World's First Automated Lung Sound Monitoring System

## Heroic-Faith Medical Science

**Final Piece of the Puzzle for Telemedicine:  
Lung sound monitoring transcends time and place**

Lung sound auscultation, the vital sign that has been neglected for so long, has evolved from the traditional method to a new and advanced role with the cutting-edge technology developed by Heroic-Faith Medical. You can LISTEN TO breathing and SEE it as well.

## AI Detection



**RR**  
Respiratory Rate



**Identification**  
Inspiratory Detection



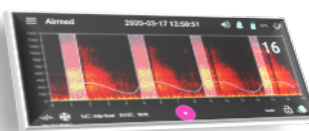
**CAS**  
Continuous Adventitious Sounds Detection

## ACCUR SOUND

### Overview

- ❖ High-quality sound amplification and noise-cancelling technology
- ❖ Accurate measurement of respiratory rate (inhalation) and rapid apnea alarm
- ❖ AI-powered auscultation outperforms traditional method
- ❖ Sound spectrogram as visual aid in diagnosing airway obstruction and respiratory disorders

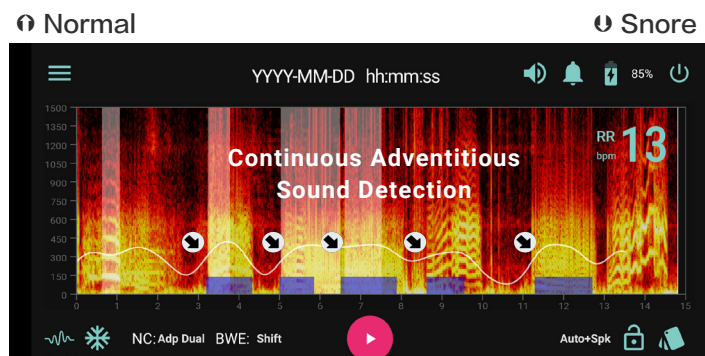
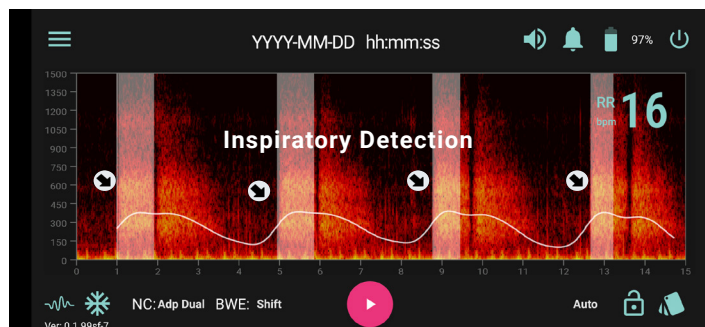
- Multi-Channel
- Remote Monitor
- AI Detection



- Spectrogram
- Live Streaming
- Record

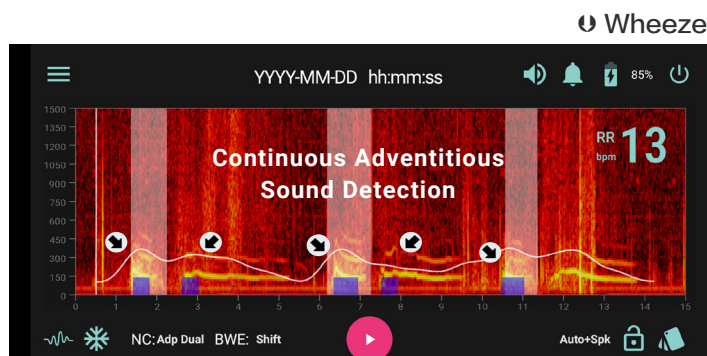
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Breathing sound analysis begins when the sensors are attached to the skin of the patients. The patency of airway is monitored by AI-powered algorithm and live-streamed audibly and visually, facilitating doctors to take early interventions when signs of apnea, oxygen desaturation, or other respiratory conditions worsenings are detected, thus improving patient safety.



## Adventitious Sounds Detection

The AI-powered monitor can detect abnormal sounds, such as snores and wheezes that are associated with asthma, COPD, pulmonary edema and heart failure, at the early phase of exacerbation.



## Remote Centralized Monitoring

The monitor dashboard developed by Heroic-Faith can integrate and display the results of auscultation of 16~20 patients, serving as an e-platform for health care personnel to hear and watch the breathing sounds remotely and instantaneously. Changes of the auscultation can be identified by retrospectively comparing the ongoing and recorded sounds, enabling early and adequate intervention and minimizing risk of cross-infection.



Current respiratory conditions of 16 patients displayed on the monitor dashboard with recordings available for retrospective comparison

