Supporting Frontline Providers

March, 2020
Frontline providers are vulnerable to COVID-19

Two emergency physicians who complied with Personal Protective Equipment measures are in critical condition with COVID-19
Source: ACEP 3/14, 2020

3,300 healthcare workers infected in China
Source: WHO 2/24, 2020

1 in 12 of confirmed COVID-19 in Italy were healthcare workers
Source: MSF 3/17, 2020

29% of US nurses surveyed work without an isolation plan
Source: National Nurses United 3/3, 2020
Frontline providers make critical COVID-19 decisions based on lung sounds

Healthcare workers need a stethoscope that delivers the best possible sound quality so they can focus on caring for their patients.
Frontline providers wearing stethoscopes can be exposed to viruses

Source: Maki, DG. May Clinic Proceedings, 2014

Healthcare workers need a stethoscope that protects them from infection so that they can focus on caring for their patients.
How can Eko help?
We provide digital stethoscopes that can protect medical staff.

Eko stethoscopes unshackle auscultation from your ears. Our devices digitize and transmit patient sounds to wherever the healthcare worker needs to be. Frontline providers can listen to patient heart and lung sounds from a safe distance.
The most innovative stethoscopes

Active Noise Cancellation with Volume Amplification
We provide best in class stethoscope sound with Active Noise Cancellation, 40-60x sound amplification, and audio filtering. Providers can clearly hear wheezes, crackles, and other abnormal lung sounds.

Cardiac Algorithms
We provide algorithms that automatically detect murmurs and atrial fibrillation, powered by machine learning.

Live Stream
We digitize stethoscope sounds and ECG data into a secure HIPAA-compliant cloud. These sounds can be shared in realtime to connected providers anywhere in the world.
How Eko helps your isolation plan prevent COVID-19 transmission
**MIT-E Kit**

**Maximal Isolation with Telehealth and Eko**

**A Tablet** (iOS or Android)
- device with Cellular or Wifi depending on ARI zone wireless infrastructure

**A Telemedicine Application**
- that is HIPAA-compliant (such as Zoom for Healthcare)

**Eko CORE (without headset)**
- An FDA-approved digital stethoscope. Features active noise cancellation, 40x volume amplification, digital filters, and bluetooth connectivity.

**Eko DUO (without headset)**
- An FDA-approved digital stethoscope with single-lead ECG sensor. Features 60x volume amplification, digital filters, and bluetooth connectivity.

**Disinfectant Wipes**

**Stethoscope Covers**
- for Eko CORE (such as Aseptiscope) or for Eko DUO (such as Sheathes)

**A Tablet Stand**
- that is medical grade (such as Tryten)
MIT-E Kit in an Acute Respiratory Illness (ARI) Area

AAFP Checklist for COVID-19 preparedness recommends a dedicated stethoscope for each ARI area.

Source: AAFP Checklist to Prepare for COVID-19
Healthcare Workers Make Decisions Remotely

Healthcare workers remotely review Eko Live Stream sounds and ECG Data. The most critical triage decisions can be made from the comfort of safe distance.

- Vulnerable frontline providers minimize the risk of physical contact
- Reduces unnecessary Personal Protective Equipment use
- Increases patient turnaround by reducing frontline provider transit
Eko connects the isolated patients to the right care, without the risk of COVID-19 transmission.
Eko's MIT-E Kit helps you:

- Protect your vulnerable frontline providers
- Make the best possible COVID-19 triage decisions
- Reduce your usage of scarce Personal Protective Equipment
- Increase your triage efficiency

Want to learn more?

Contact us at:
1 (844) 356-3384
COVID-19 Response

Listen. Care.

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Eko