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19th Century Invention Gets 21st Century Upgrade

Next-generation stethoscope, Eko Core, receives CE clearance to launch in UK and Europe

Eko Core is the first stethoscope on the market to wirelessly pair with a clinician's smartphone or tablet, allowing for cardiac and pulmonary exams to be conducted remotely, sent for expert second-opinions, and saved in electronic health records for long-term monitoring

[Eko Devices](#) (Eko), a Silicon Valley-based digital medical device company, has received CE-clearance to launch the Eko Core, a next generation digital stethoscope, to the UK and European markets. The stethoscope is the first and only digital stethoscope to wirelessly pair with a free app on a clinician's Android or iOS device, allowing for clinicians to securely record, save, annotate, and share sounds with experts for a second opinion. On the 200th anniversary of the stethoscope's invention, the Eko Core is paving the way for a new generation of clinicians to more effectively screen for and monitor the cardiovascular diseases that affect 7 million Brits and 1 in 4 people worldwide.

"The Eko Core enables remote clinical examination in any location, from a patient in their own home, to a paramedic in an ambulance, or a care worker in a residential setting; the possibilities for a digital stethoscope are endless," said Dr Keith Grimes, a UK based GP and Digital Healthcare Innovator. "I use the Eko stethoscope in my GP surgery daily, it switches seamlessly between analogue and digital, the amplification works well, and the ability to share information with patients is really interesting aspect. I had a mother who was concerned her son had a heart murmur; using the digital stethoscope connected to my phone she was able to hear it and be reassured that it was normal. I am learning so much daily by using the Eko technology and researching the future possibilities it opens up."

Eko Core will now be available to 500,000 clinicians UK-wide who rely on stethoscopes as a fundamental component of patient examination. It provides an unprecedented listening experience, with 40X sound amplification and noise reduction. The Eko Core is the only stethoscope available that enables clinicians to switch between analogue and digital modes, and can be sold either as a complete digital stethoscope or as a digital attachment (converter) for analogue stethoscopes. As clinic-to-clinic and in-home telehealth visits expand in the UK, Eko will be able to power the ability for clinicians and specialist to perform cardiac and pulmonary exams remotely, opening access to health services to rural patient populations. There are already more than 3,000 clinicians using the device at over 400 institutions across the U.S.

"As many as 80% of internal medicine residents misdiagnose common murmurs with their stethoscope, so the idea was to build a 'smart stethoscope' to assist clinicians in their decision-making process," said Connor Landgraf, CEO and co-founder at Eko. "Given the 7 million heart disease patients in the UK, this has tremendous potential to help clinicians who are less specialised in cardiovascular medicine to detect and manage heart problems, saving significant NHS resources."

The Eko Core attachment (Eko Core Digital Attachment, £195) and stethoscope (Eko Core Digital Stethoscope, £295) are available via Eko's website - www.ekodevices.com and StethoscopeShop.com.

Available for Comment:

- Dr. Keith Grimes – UK based General Practitioner and Digital Healthcare Innovator
- Connor Landgraf – Co-Founder & CEO, Eko Devices

Note to Editors:

The NHS employs 149,808 doctors, 314,966 qualified nursing staff and health visitors (HCHS), 25,418 midwives, 23,066 GP practice nurses, 146,792 qualified scientific, therapeutic and technical staff, 18,862 qualified ambulance staff and 30,952 managers. (Source: [NHS Confederation](#))

Cardiovascular disease in the UK: There are around 7 million people living with cardiovascular disease in the UK: 3.5 million men and 3.5 million women. ([British Heart Foundation](#))

About Eko Devices:

Eko Devices Inc. (Eko) has built a platform of non-invasive cardiovascular monitoring devices, clinical software, and point-of-care decision support algorithms to improve the delivery of cardiovascular care. In 2015, Eko launched the Eko Core Digital Stethoscope, the first digital stethoscope on the market to wirelessly stream heart & lung sounds to HIPAA-compliant software. For the first time in history, patient sounds can be integrated with electronic health records (EHRs) for more seamless referrals, documentation and monitoring.

For more information about Eko, please visit www.ekodevices.com, download the Eko product information [here](#), photo package [here](#), or contact Eko at media@ekodevices.com.

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