



GE Healthcare Unveils Vscan Air, a New Intuitive, Wireless Handheld Ultrasound

March 16, 2021

- *At a time when clinicians need quick insights at the point of care, Vscan Air, a pocket-sized ultrasound, enters the market as one of the smallest and lightweight handheld devices without compromising crystal clear image quality and secure data sharing*
- *Vscan Air increases access to precise care, helping improve workflow efficiencies and patient outcomes through dual-probe whole-body scanning capabilities and a user-friendly interface.*
- *Accelerated by the COVID-19 pressure on health systems, handheld ultrasound has become an essential tool to quickly image the heart and lungs both in and outside the hospital.**

[Vscan Air from GE Healthcare](#)
[IMAGE/PNG - 1.12 MB](#)

[Vscan Air from GE Healthcare](#)
[IMAGE/PNG - 17.06 MB](#)

[Vscan Air Application Allows Sending of Anonymized OB Image - See Snap Send](#)
[IMAGE/GIF - 28.35 MB](#)

[Vscan Air Video with Kidney Image on Screen](#)
[IMAGE/GIF - 5.8 MB](#)

Chicago – 16 March 2021 – GE Healthcare today unveiled Vscan Air™, a cutting-edge, wireless pocket-sized ultrasound that provides crystal clear image quality, whole-body scanning capabilities, and intuitive software - all in the palm of clinicians' hands.

GE Healthcare pioneered the first color pocket-sized ultrasound, Vscan, in 2010 and has since continued to revolutionize the way clinicians see patients. To date, there are over 30,000 Vscan Family systems in the pockets of clinicians, impacting the care of more than 50 million patients worldwide. The Vscan Air continues the company's commitment to innovation and transforming the clinical exam by making it easier to acquire high quality ultrasound images.

"The first time I fired up the Vscan Air it did feel a little bit like stepping into the future," said Dr. Kyle Leonard, Family Medicine clinician at Hudson Headwaters Health Network in upstate New York. "Many of us are pressed to see patients, to give patients that access to care, so the more time something takes, the less patients I can provide access to in a day. With the portability and ease of use of the Vscan Air, I can bring it with me throughout the day in each exam room and spend more time with my patients."

Today, clinicians worldwide are treating more critically ill patients than ever before with limited staff, time, and resources. Handheld ultrasound has become an essential tool, allowing clinicians to quickly collect images and triage patients while also providing the benefits of portability, cleanability, and workflow efficiency. Several studies show lung ultrasound comparable to both X-ray and CT when examining the lungs of COVID-19 patients.

[\[1\],\[2\]](#)

"Time is one of the most valuable resources in this pandemic-challenged world, where so many patients need care. Now, I can carry Vscan Air in my coat pocket, take it out, and start to scan. With this powerful tool in my pocket I can perform a complete examination on my patients and make decisions quickly right at the bedside," said Dr. Yale Tung-Chen, Chief of the Division of Ultrasound in Internal Medicine at Hospital Universitario Puerta de Hierro, Majadahonda in Madrid, Spain and currently working in the Spanish COVID-19 specialized Isabel Zenda Emergency Hospital. "The images you can get of the heart on this handheld device are similar to what you'd get from a full-sized, high-end ultrasound. Vscan Air is a well-designed, powerful tool that's easy to clean and easy to use."

The Vscan Air ultrasound system enters the market as one of the smallest and lightweight handheld ultrasound devices with the exceptional image quality and advanced visualization software that Vscan Family users have come to rely on for quick clinical insights. Additional benefits include:

- **Whole-body scanning capabilities with crystal clear image quality:** complete both shallow and deep exams effortlessly with a simple flip of the two-sided probe design (high frequency linear and convex transducer probe), without switching probes in-between or during clinical exams. Proprietary SignalMax technology allows for crystal clear imaging capability of larger ultrasound machines in the palm of your hand.
- **Intuitive user interface and probe design:** user-tested design includes software presets for fast scanning, single-button probe for easy image capture and freezing, and intuitive set-up and scan start-up so users can pair the probe and start scanning immediately.
- **Securely share data and images:** seamlessly share auto-anonymized images with patients post-scan. Patient data remains within your network - not the Cloud. Store and share images securely with the systems' DICOM® TLS 1.3 with private client & server certificate support (the most secure method currently available to send patient data over a wireless

network for review and storage) without a monthly subscription.

- **Probe cleanability and durability:** military-grade durability standard, withstanding drops, and extreme temperatures, water exposure, and high-level disinfection techniques.
- **Maximum portability and energy savings:** the system adapts signal processing from high-end console systems into a custom miniaturized chipset. The result is an ultra-compact device that delivers high-intensity ultrasound signals, enabling high-quality imaging and achieving 77% power reduction compared to off-the-shelf Analog Front End^[3] components.

“Now more than ever, clinicians need smaller and smarter tools that increase access and efficiency both in and outside of the four walls of the hospital*,” said Anders Wold, President and CEO of Global Ultrasound at GE Healthcare. “The Vscan Air exemplifies customer-driven innovation that enables more personalized care for patients worldwide. We pioneered handheld ultrasound when we brought the first pocket-sized ultrasound with color Doppler to market and now we see Vscan Air as delivering on the future of healthcare at a time when ultrasound has proven to be an essential tool at the point of care.”

For information about Vscan Air from GE Healthcare visit: <https://vscan-air.gehealthcare.com/>

** The device has been verified for limited use outside of professional healthcare facilities. Use is restricted to environmental properties described in the user manual. Please contact your GE Healthcare sales representative for detailed information.*

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About GE Healthcare:

GE Healthcare is the \$18 billion healthcare business of GE (NYSE: GE). As a leading global medical technology and digital solutions innovator, GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform. With over 100 years of healthcare industry experience and around 50,000 employees globally, the company operates at the center of an ecosystem working toward precision health, digitizing healthcare, helping to drive productivity and improve outcomes for patients, providers, health systems and researchers around the world. Follow us on [Facebook](#), [LinkedIn](#), [Twitter](#) and [Insights](#), or visit our website www.gehealthcare.com for more information.

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[1] Cho, Young-Jae & Song, Kyoung-Ho & Lee, Yunghee & Yoon, Joo Heung & Park, Ji Young & Jung, Jongtak & Lim, Sungyoon & Lee, Hyunju & Yoon, Ho & Kim, Hong & Kim, Eu Suk. (2020). Lung ultrasound for early diagnosis and severity assessment of pneumonia in patients with coronavirus disease 2019. *The Korean Journal of Internal Medicine*. 35. 771-781. 10.3904/kjim.2020.180.

[2] Smith, M. J., Hayward, S. A., Innes, S. M., & Miller, A. (2020). Point-of-care lung ultrasound in patients with COVID-19 - a narrative review. *Anaesthesia*, 75(8), 1096–1104. <https://doi.org/10.1111/anae.15082>

[3] Comparison to Texas Instruments DOC2433547