GE HealthCare

Vscan Air SL with Caption AI

Scan with confidence



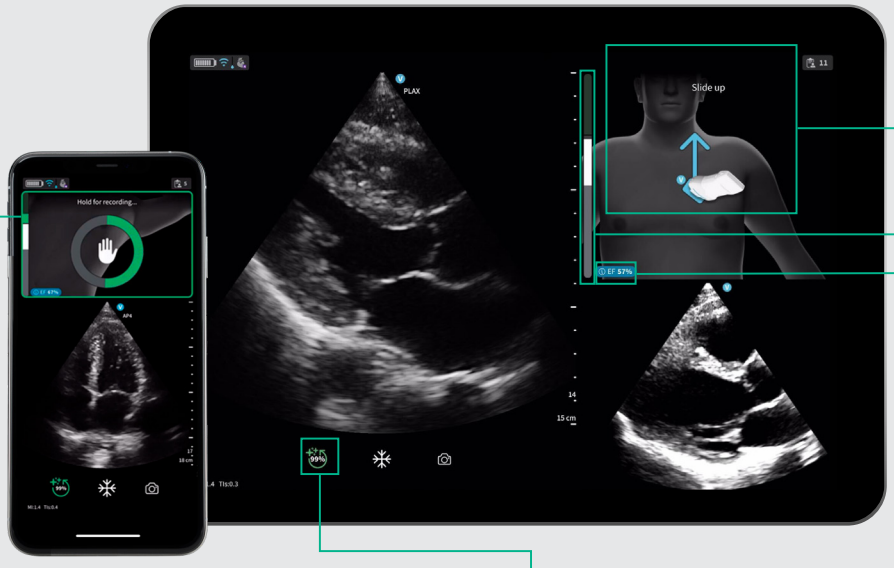
User receives guidance on an AP4 acquisition and achieves a 77% on *Save Best Clip*.

Now, you can feel confident in acquiring cardiac views for rapid assessments at the point of care with your handheld ultrasound.

Caption AI™ brings two powerful features to Vscan Air™ SL users. Caption Guidance™ provides real-time guidance that shows you, step-by-step, how to maneuver the probe to capture diagnostic-quality standard echocardiographic views anytime, anywhere.*

Caption Interpretation™ AutoEF leverages AI to automatically estimate ejection fraction eliminating the need for LV endocardial border tracing. It also offers a fully automated Long-Axis (PLAX) Ejection Fraction assessment for easy and immediate insights into cardiac health designed especially with POCUS users in mind.

Here's how it works



Prescriptive Guidance

See real-time, turn-by-turn guidance that prompts your movements to properly position your probe for the view you want to capture.

Quality Meter

Watch the meter rise in real-time as the image improves and is closer to diagnostic quality.

AutoEF

Automatically calculates the LVEF from one or more of these three views: PLAX, AP2, and AP4. The calculation increases in accuracy as each view is acquired.

AutoCapture†

For cases where you can reach the quality threshold, AutoCapture will automatically save your clip, hands-free. No need to tap *Store*.

Save Best Clip†

Tap *Save best clip* to select the best available image loop for each view.

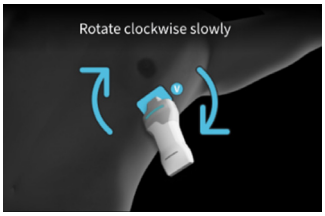
Protocols

Custom protocols can be created to align with workflow or indications-based needs. Color Doppler views can be added, and an auto-box placement feature assists with optimal color box positioning†† that the user controls based upon their own assessment.



Results you can trust. Support when you need it.

Caption AI on Vscan Air SL, brings the cumulative knowledge and experience of sonographers and echocardiographers to the point of care. It's almost like having expert support at your side for every cardiac exam.



Rapid echocardiography assessment — anytime, anywhere

Early detection of heart disease is critical, but providing rapid echocardiographic assessments at the point of care can be difficult with time and resource constraints. Caption AI helps you overcome those challenges. With this powerful and easy-to-use tool, you can bring focused echo to any patient anytime — and get them on the right care path sooner. Even before a formal referral to an echo lab or specialist, Caption AI enables initial reviews of any combination of 10 standard 2D views, six color sub-views, and an automated LVEF. Open the possibilities to streamline acquisition and optimize referrals.



Vscan Air SL (sector/linear)

See more. Treat faster.

Standard echo views available with guidance

Create custom protocols with any combination of these views that best fit your workflow or indications-based needs. Enable/disable views and edit existing protocols with ease.

Parasternal

- Long-Axis (PLAX)
- Long-Axis at the Aortic Valve (PLAX-AV Color)
- Long-Axis at the Mitral Valve (PLAX-MV Color)
- Long-Axis at the Aortic and Mitral Valves (PLAX-AV/MV Color)
- Short-Axis at the Aortic Valve (PSAX-AV)
- Short-Axis at the Mitral Valve (PSAX-MV)
- Short-Axis at the Papillary Muscle (PSAX-PM)

Apical

- 2-Chamber (AP2)
- 3-Chamber (AP3)
- 4-Chamber (AP4)
- 5-Chamber (AP5)
- 4-Chamber at the Mitral Valve (AP4-MV Color)
- 4-Chamber at the Tricuspid Valve (AP4-TV Color)
- 5-Chamber at the Aortic Valve (AP5-AV Color)

Subcostal

- 4-Chamber (SubC4)
- Inferior Vena Cava (SubC-IVC)

*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.

† Not available on Color Doppler in a guided protocol.

†† Not AI-driven.

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