



Quick Guide

# Kosmos App for Android™

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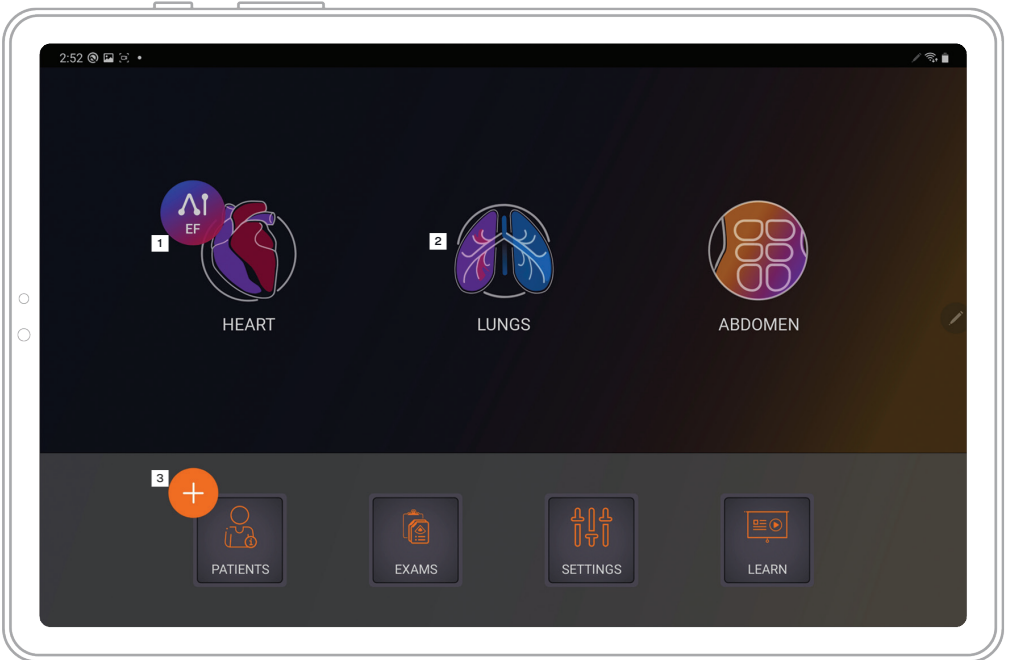


App: Echonus Kosmos: Ultrasound App  
Echonus, Inc.



Download EchoNouS Kosmos: Ultrasound App from the Google Play Store.

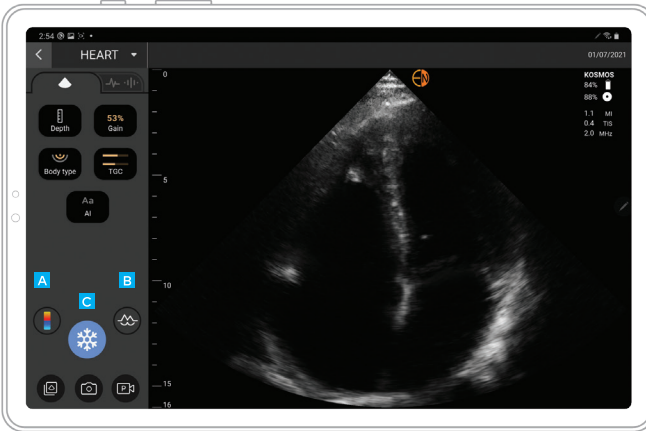
Launch the App, connect a compatible probe and you are ready to scan.



## Home

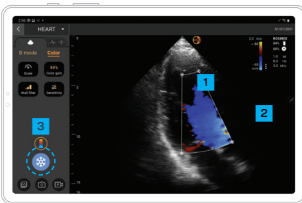
- 1** AI-Assisted EF Workflow
- 2** Imaging  
(Heart, Lung, and Abdomen)
- 3** Patients, Exams, Settings and Tutorial Videos

# Imaging



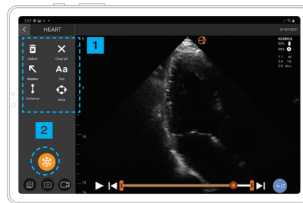
## B-Mode

- A** B+CD-mode
- B** Freeze
- C** B+M-mode



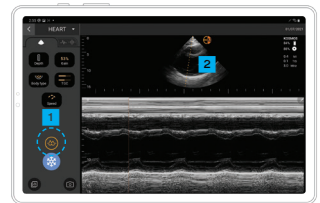
### **A** B+CD-mode

- 1** Color Box  
*Move and resize the box by dragging*
- 2** Select Color Map
- 3** Turn off Color Doppler



### **B** Freeze

- 1** Annotations
- 2** Unfreeze



### **C** B+M-mode

- 1** Turn off M-mode
- 2** M-line  
*Drag to move*

# Trio Features in EF Workflow

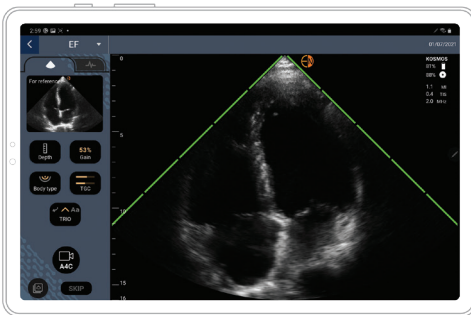
Within the AI-assisted EF workflow you can activate the Trio\* to get assistance acquiring the A4C and A2C views required for the EF calculation.



Tap Trio button to turn on/off the AI features.

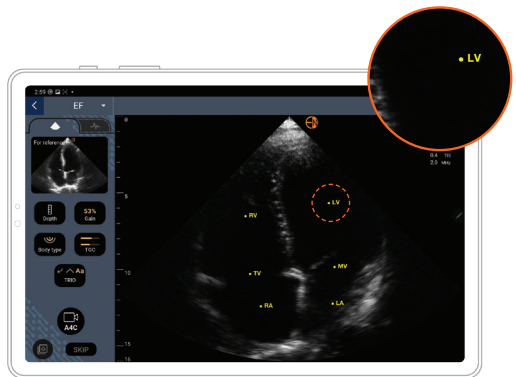
## 1 Auto-Guidance

As you move the Torso probe, Kosmos' AI algorithms guide you into capturing optimal cardiac images.



## 2 Auto-Grading

Assessing image quality as you scan, Kosmos AI provides real-time, image quality grading using red (poor) and green (good) bars along the perimeter of the image.

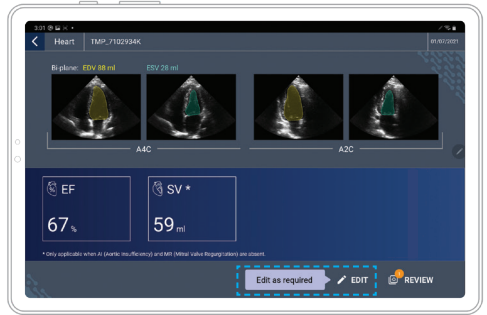
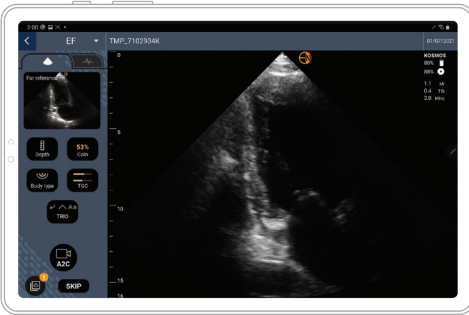


## 3 Auto-Labeling

Our AI labels key cardiac structures on your screen in real time so you know exactly what you're seeing, instantly.

# EF Workflow

The EF workflow guides you to acquire A4C/ A2C clips and auto-calculate Ejection Fraction and Stroke Volume. Turning On Trio features is optional.



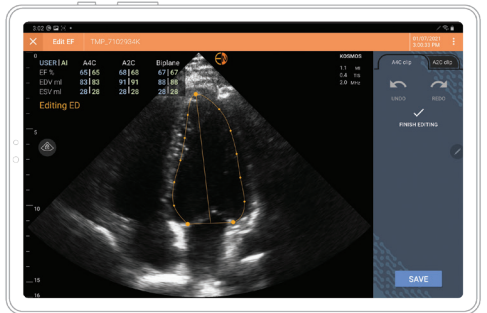
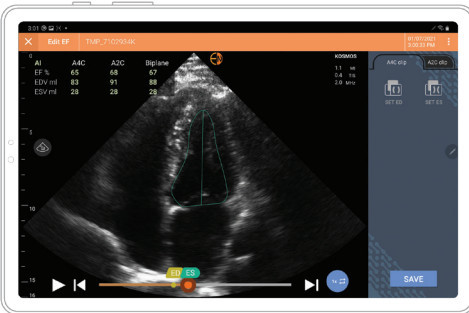
## Acquire

1 Obtain a good A4C view and tap A4C to acquire a clip.

Next acquire A2C clip (recommended) or skip.

## Results

2 See results.



## Edit and Review

- 3 Select a different ED/ES frames.
- 4 Adjust the LV contour.

# Contact

## Customer Support

Call 1-844-854-0800  
Email [support@echonous.com](mailto:support@echonous.com)

KOSMOS® is intended to be used by qualified and trained healthcare professionals in the clinical assessment of the cardiac and pulmonary systems and the abdomen by acquiring, processing, displaying, measuring, and storing ultrasound images.

Refer to user guide before use.

**⚠ Caution:** Federal (United States) law restricts this device to sale by or on the order of a physician.

**For US only** \*The Trio is a real-time automatic image labeling, grading and guidance system to enable the collection of images by healthcare practitioners, including those who are not trained in sonography, to address urgent image analysis needs during the declared COVID-19 public health emergency. The Trio is intended to be used by qualified healthcare professionals or under the supervision or in-person guidance of a trained or licensed healthcare professional. This feature has not been cleared by the FDA.

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