



# Vscan Extend™



OVERVIEW

QUALITY EXAM

RIGHT HERE, RIGHT NOW

SEAMLESS  
DOCUMENTATION

EXTEND THE POWER

CLINICAL IMAGES

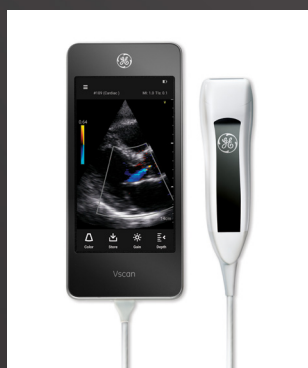


# Vscan Extend

## Empowering you in that critical moment

We know that confident decisions can enhance your productivity and improve patient outcomes. So Vscan Extend – a truly pocket-sized ultrasound which comes in a sector or dual probe configuration – is built for speed to empower you to expedite workflow and make quick assessments and treatment decisions on the spot.

Building on the proven image quality of the original Vscan™ system, Vscan Extend has the capability to connect to your hospital's wireless network and DICOM® based documentation and reporting.<sup>1,2</sup> This easy-to-use tool offers exceptional clinical flexibility, an intuitive touchscreen interface, and access to Vscan Extend apps that help you seamlessly manage various clinical care scenarios – so you are empowered to make the most of that critical moment.



Vscan Extend with sector probe configuration



Vscan Extend with dual probe configuration

1. Valid for systems with Wi-Fi Access configuration.
2. Valid for systems with DICOM configuration.

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# Quality exam

Vscan Extend helps cardiologists perform focused exams, quickly evaluate a complex range of patients, and make each patient interaction productive – at admission, at the bedside during rounds, during consultation or at discharge. High-quality imaging supports sound diagnosis and triage; documentation provides quality assurance needed for decisions affecting patient management.

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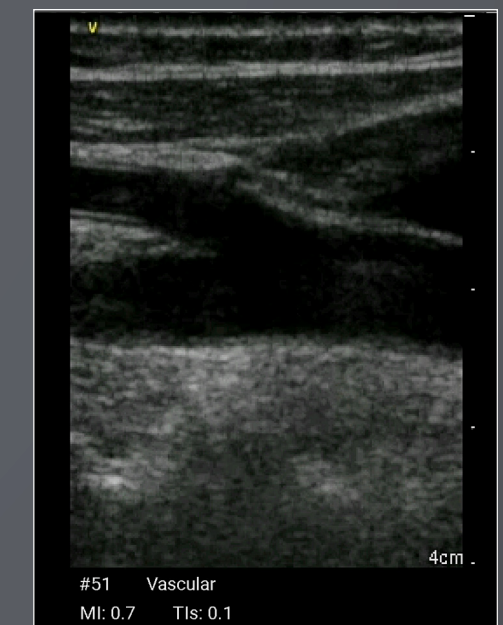
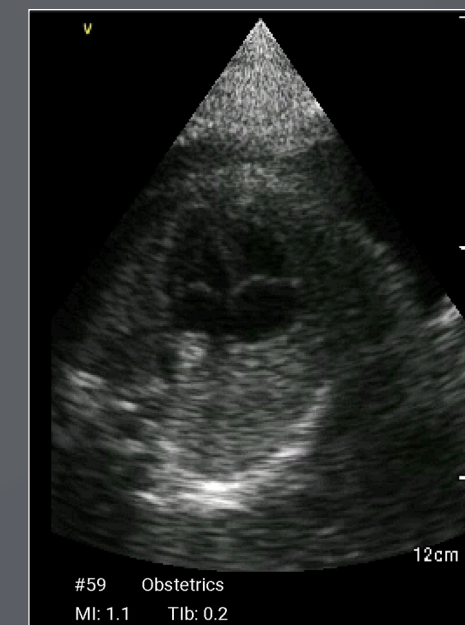
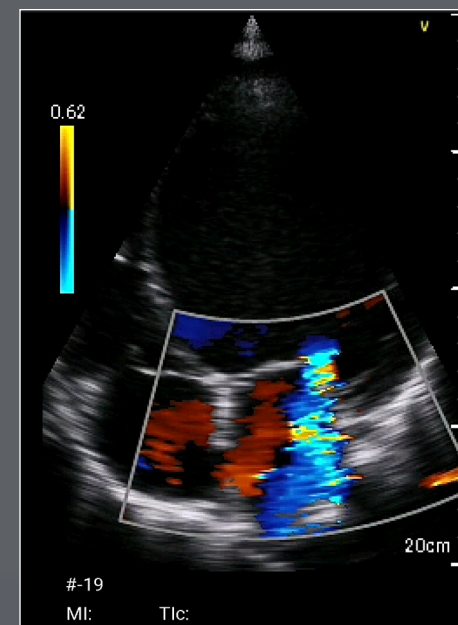
## Quality exam

- Get confident and fast information to assess global and regional wall motion, myocardial thickness, heart chamber sizes, valvular function, pericardial or pleural effusion, and fluid accumulation in the lungs
- Refer patients promptly to the right diagnostic test or treatment with high confidence
- Reduce echo exams in patients with no meaningful abnormalities, helping to limit low-yield referrals, reduce wait times and shorten hospital stays
- Use resources efficiently and help control cost under capitated payments (IDN, ACO, DRG)



## Features:

- An optional dual probe with both sector and linear transducers enables shallow and deep views, covering a wide variety of studies including cardiac, abdomen, carotids, thyroid and lungs
- High image quality, backed by published evidence of impact on triage decisions



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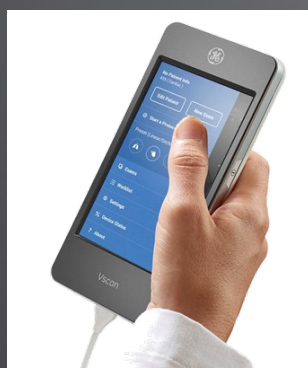
# Right here, right now

Take a look wherever needed.<sup>1</sup>

The thumb-controllable user interface accommodates left- and right-handed users; it's easy to adjust in one hand while holding the probe with the other. You can easily send the images wirelessly to the PACs<sup>2</sup> if you wish.

With the dual probe configuration, you can have the linear and sector transducers always connected and always with you.

The system will start in less than 10 seconds from standby.



Thumb-Controllable  
User Interface

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

2. Only available with DICOM configuration.



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# Seamless documentation

## Scan. Record. Document. Consult.

Vscan Extend seamlessly integrates handheld ultrasound imaging with hospitals' wireless networks and DICOM-based documentation and reporting.<sup>1</sup>

The system is designed with a special emphasis on data security.



1. Only available with DICOM configuration.



## You can:

- Assign a patient identifier and wirelessly send images to PACS on the DICOM network.<sup>1,2</sup> The patient information can be provided wirelessly by DICOM modality worklist
- Ensure data security at rest or on the move. Patient information database is encrypted in compliance to FIPS 197\* standard, enterprise grade wireless encryption standards are supported as well as the use of mobile device management systems
- Leverage compatibility with EchoPAC™ Suite<sup>3</sup> and ViewPoint 6; additional image management capabilities further enrich flexible workflow opportunities
- Take a fast first look without a patient identifier, store the images on the device, and export later to different storage destinations if desired
- Export images wirelessly<sup>4</sup> to shared network folders in generic form (e.g. JPEG or PDF)
- Provide consultation and second opinion via images shared over cloud with Tricefy™<sup>5</sup>

\*FIPS 197 refers to Advanced Encryption Standard (AES) used by the U.S. government to protect classified information and is implemented in software and hardware throughout the world to encrypt sensitive data.<sup>6,7</sup>

Its successful use by the U.S. government led to widespread use in the private sector.

1. Valid for Systems with DICOM configuration.

2. Valid for systems with Wi-Fi Access configuration.

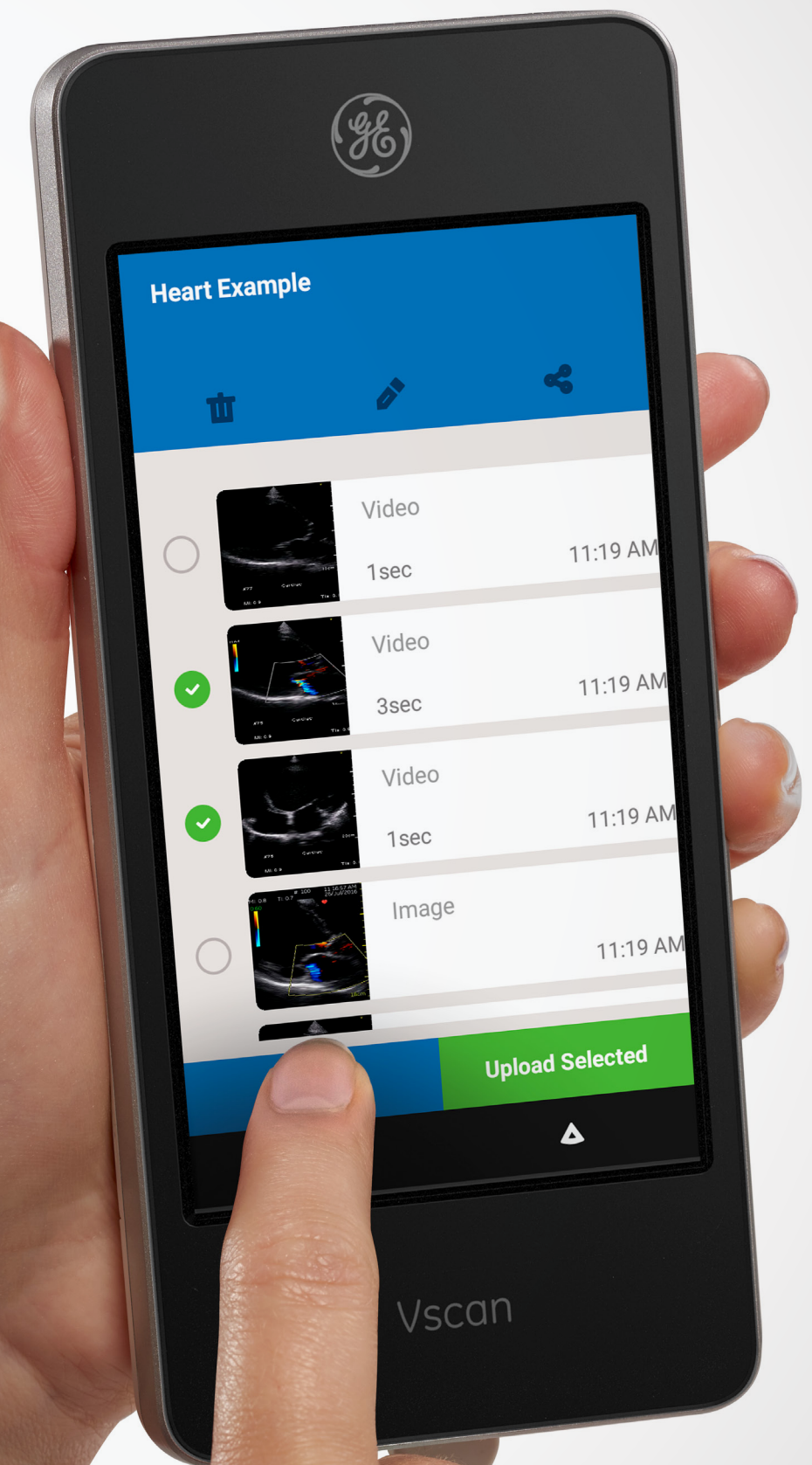
3. EchoPAC Suite is a configuration of EchoPAC software only.

4. Valid for systems with Wi-Fi Access configuration.

5. Tricefy is a cloud-based solution of Trice Imaging, Inc., used to store images and to facilitate image-based collaboration. Tricefy is a trademark of Trice Imaging Inc.

6. <http://searchsecurity.techtarget.com/definition/Advanced-Encryption-Standard>

7. <http://csrc.nist.gov/publications/fips/fips197/fips-197.pdf>



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# Extend the power

You can easily customize Vscan Extend to your needs and the care areas you serve. It is the first GE ultrasound system to leverage an app ecosystem<sup>1</sup> that provides software plug-ins and app updates.

**Among the first available apps to download you can find:**

- Lung protocol to acquire and evaluate thoracic images, which may be beneficial in the assessment of heart failure patients
- Interface to support upload of cases to the cloud

A standard three-year warranty includes remote technical support that can help connect Vscan Extend to a facility or enterprise network.<sup>1</sup>



1. Valid for systems with Wi-Fi Access configuration



# Cardiac images

Grayscale & color

Apical

Subcostal

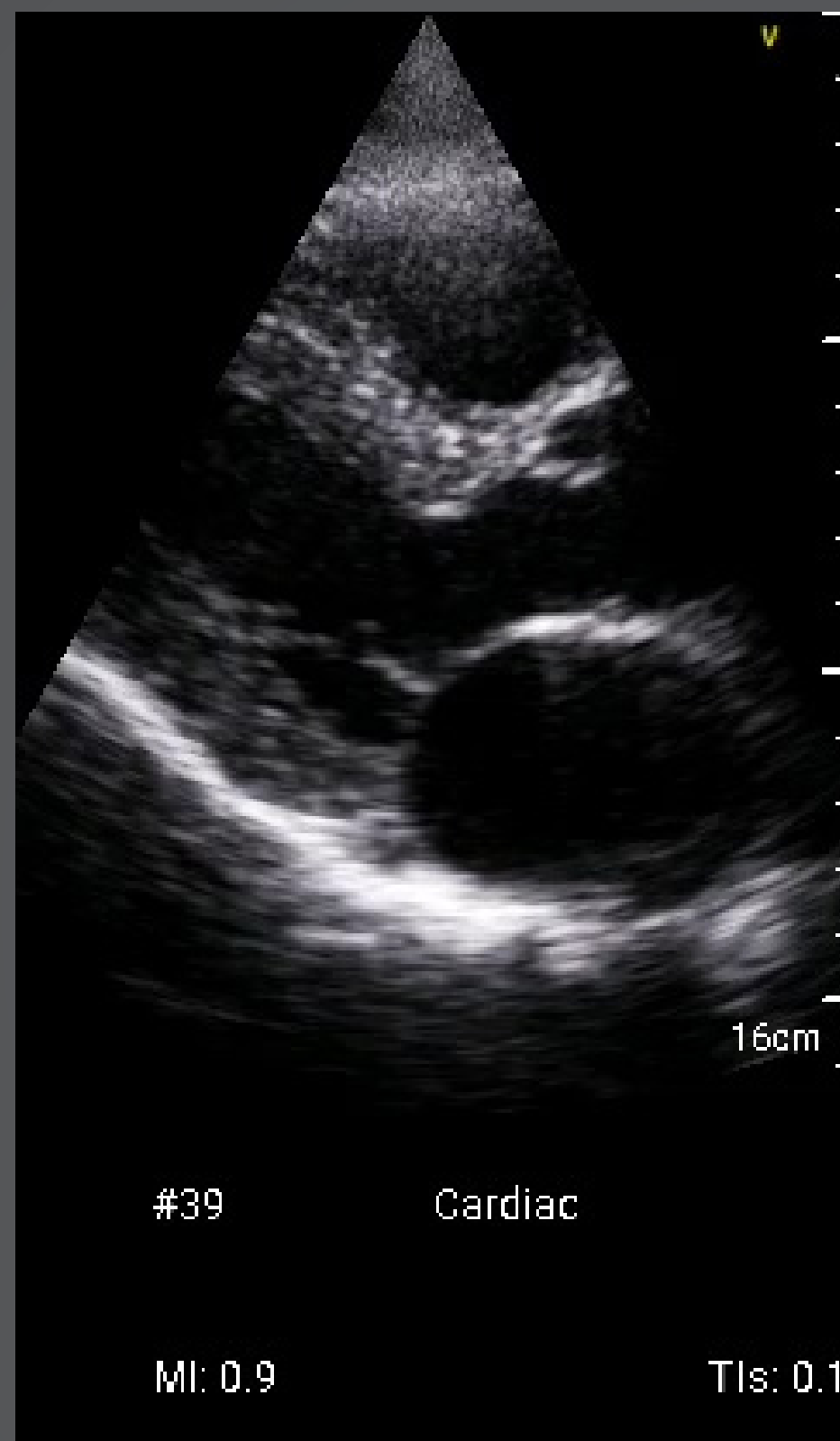
Vascular

Lung

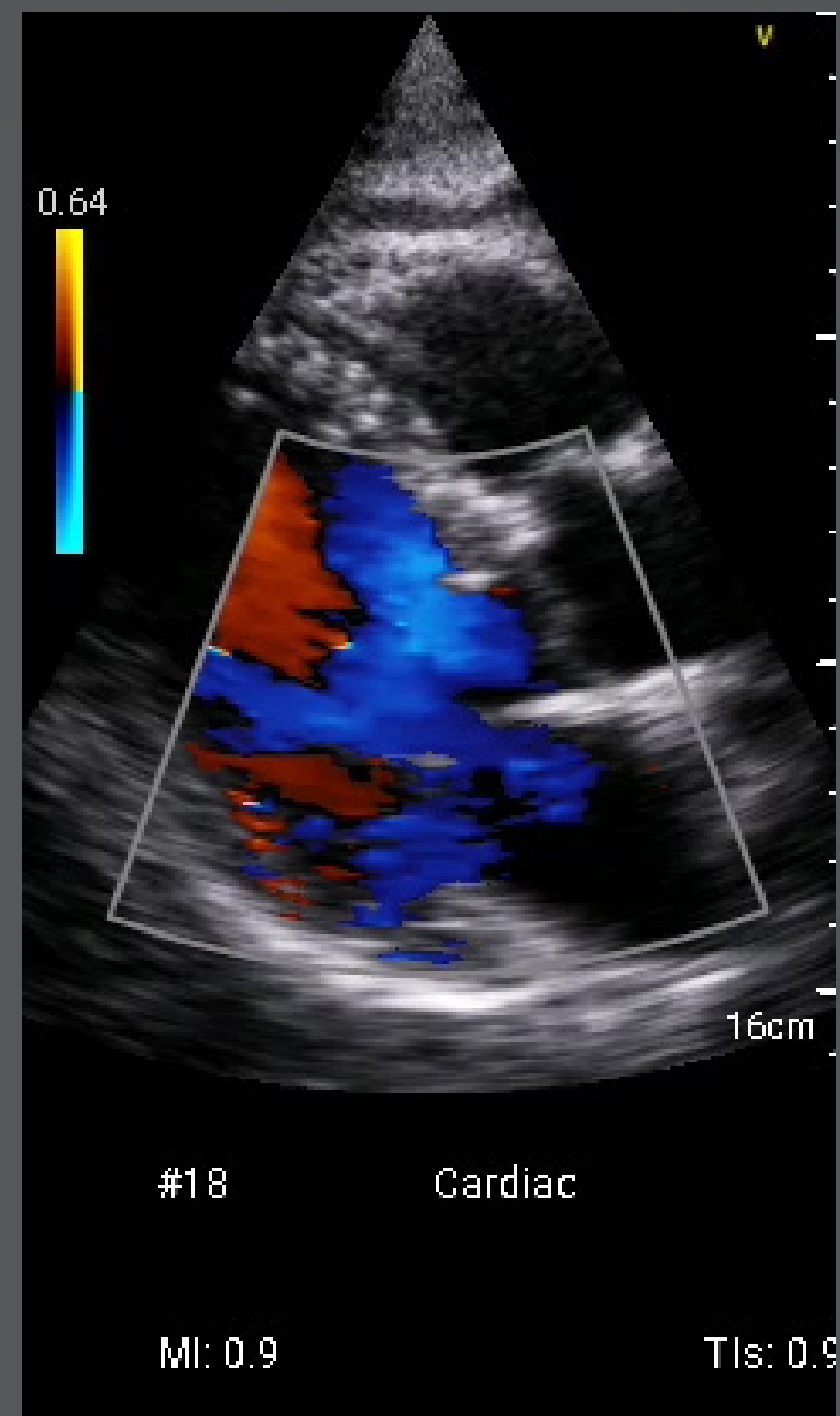




# GRAYSCALE AND COLOR



Parasternal long axis



Parasternal long axis with color

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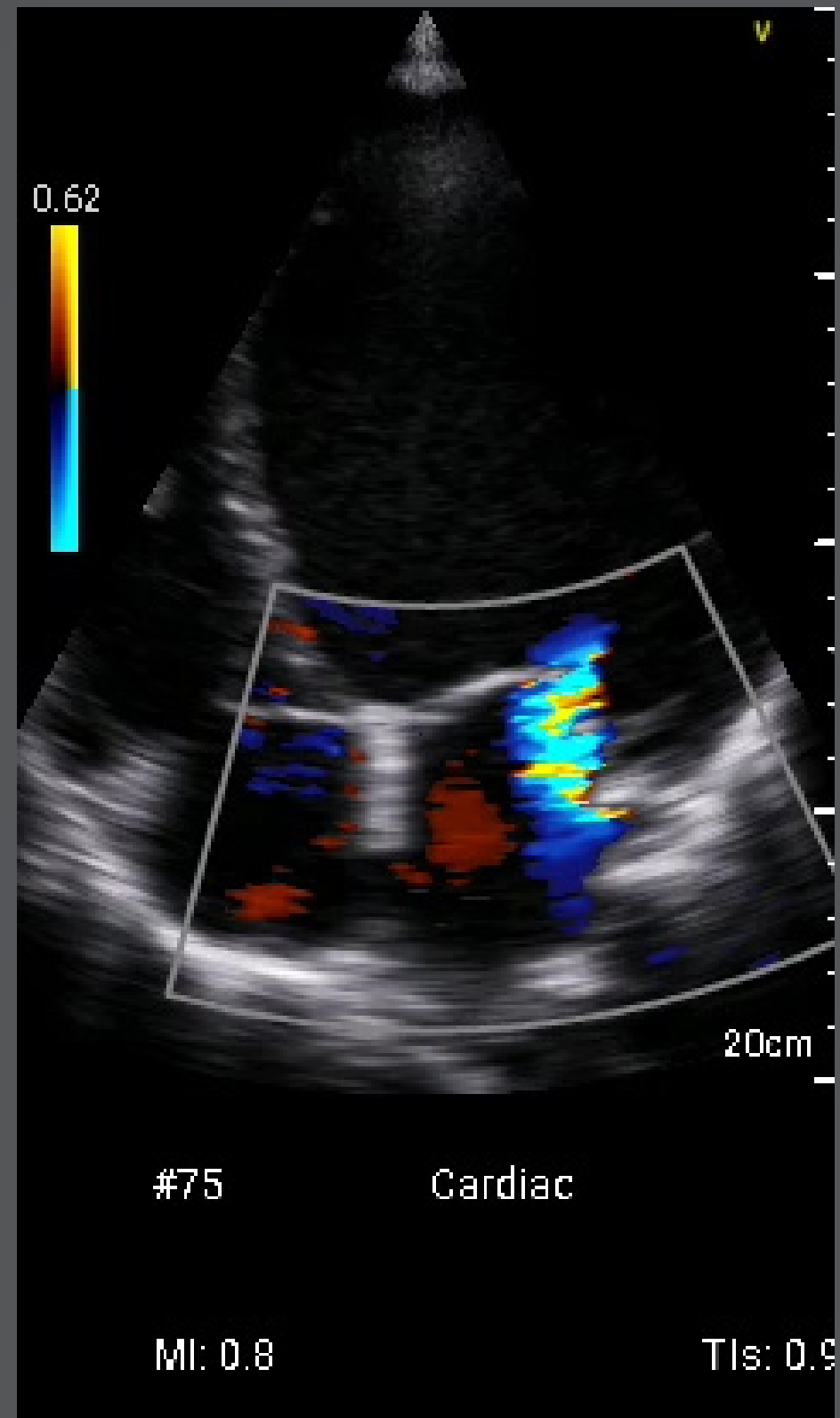
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APICAL



Apical four chamber with color



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# SUBCOSTAL



Subcostal four chamber



Inferior vena cava

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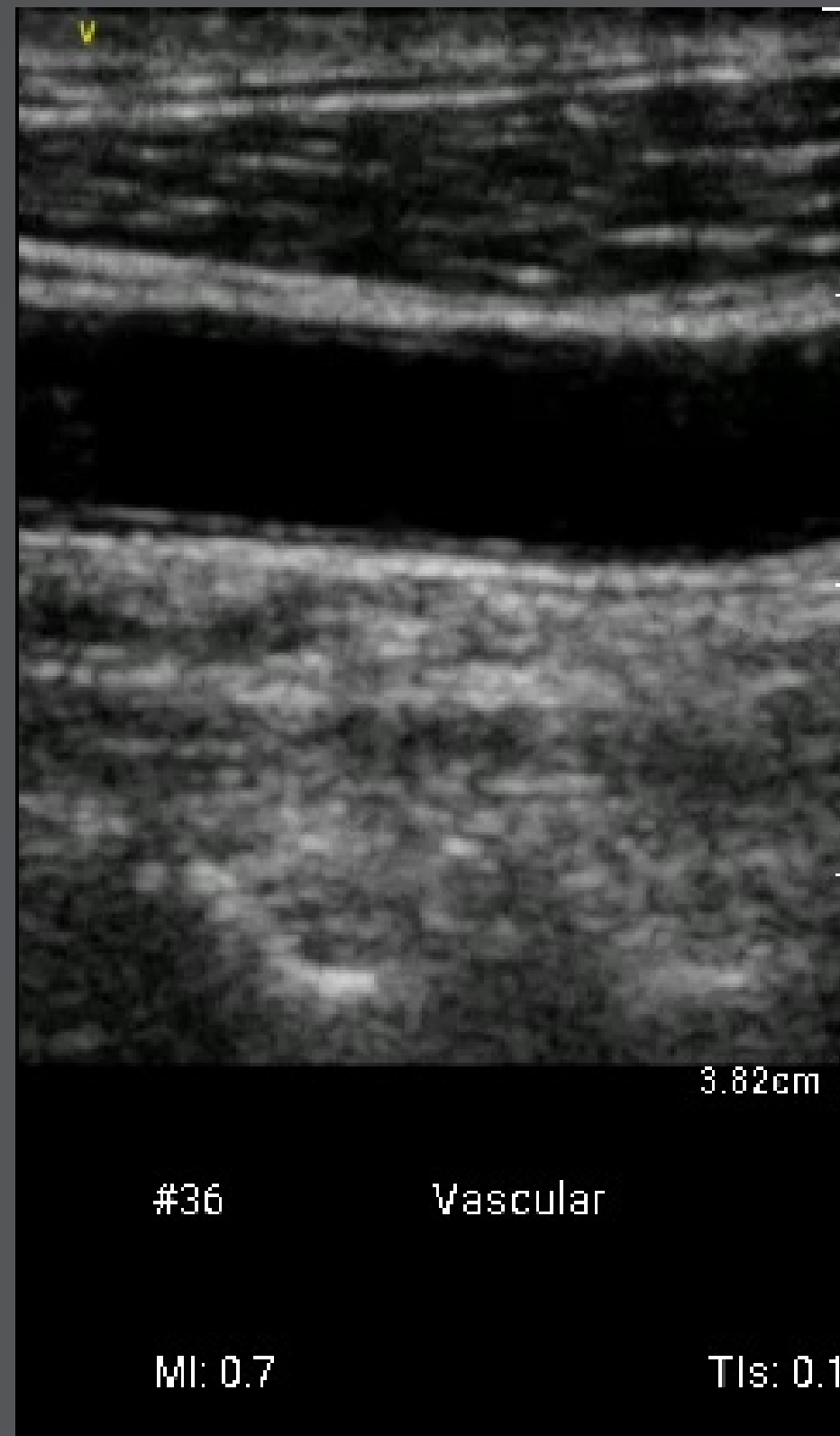
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# VASCULAR



**Carotid**

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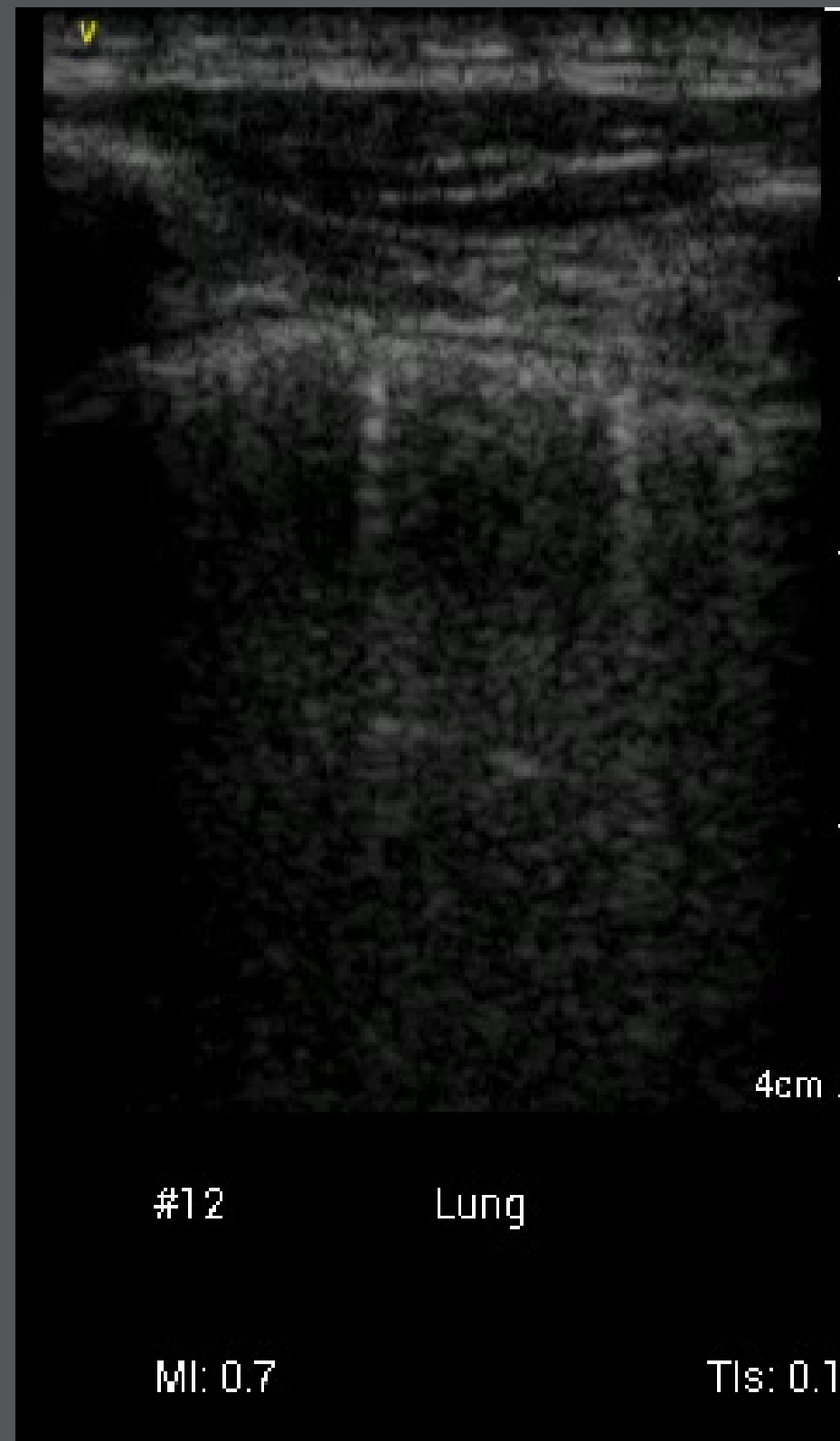
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LUNG



Lung

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## Imagination at work

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