

See the future  
**SIUI**

Graceful and intelligent, redefine the standard  
**Apogee 5500**

See the future  
**SIUI**

Shantou Institute of Ultrasonic Instruments Co., Ltd.

**HEADQUARTERS:**

Shantou Institute of Ultrasonic Instruments Co., Ltd.  
Add: No.77, Jinsha Road, Shantou 515041 Guangdong, China  
Tel: 86-754-8825 0150 Fax: 86-754-8825 1499  
E-mail: siui@siui.com

**HONG KONG OFFICE:**

Shantou Institute of Ultrasonic Instruments (HK) Co., Ltd.  
Add: Room 2101, Tung Chiu Commercial Center  
193 Lockhart Road, Wanchai, Hong Kong  
Tel: 852-2891 6722 Fax: 852-2891 6723

[www.siui.com](http://www.siui.com)



# Intelligent medical solutions

## Cloud Communication

- Share special cases with other users
- Discuss technical issues with other users



## Cloud Maintenance

- Seek for solutions when system breaks down
- Realtime system upgrade after downloading

## Cloud Information

- Access to industry information and academic information



ULTRACLOUD



## Cloud Diagnosis

- Seek help from experts for diagnosis problems

## Cloud Backup

- Save exam modes/parameters on the shared server
- Share preferred parameter with another system
- Off-line access to patient record



## Cloud Teaching

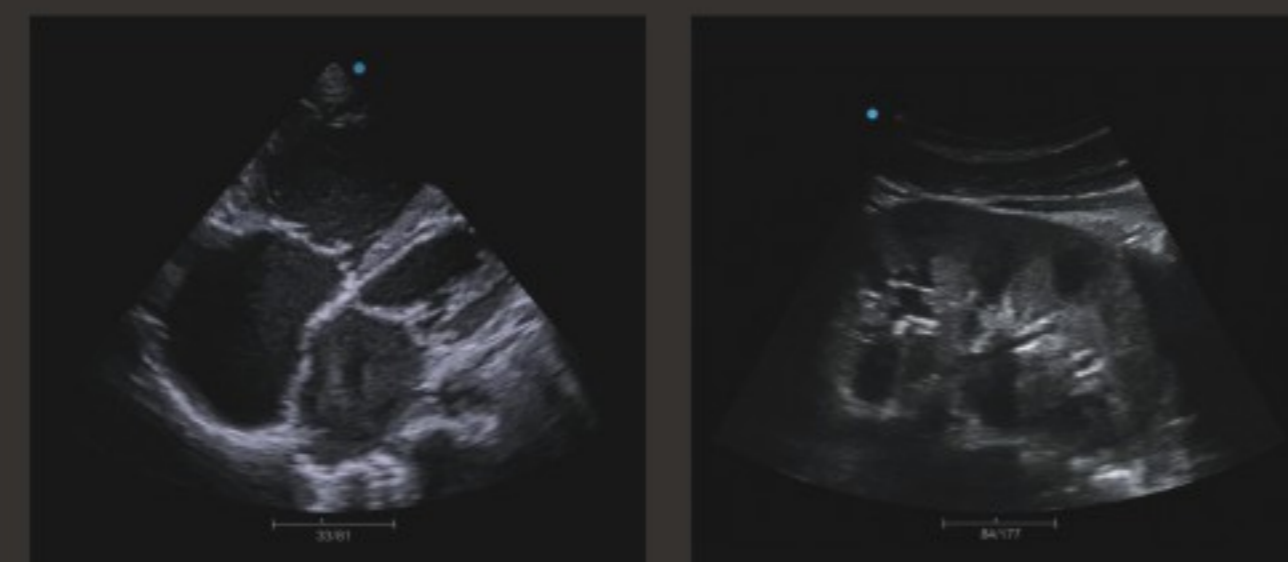
- Adjust your parameter to obtain optimal images
- Use the scanning technique to acquire a standard section
- Quickly reach to specific item to obtain the calculation result

**Premium** image quality  
reveals more **detailed** information

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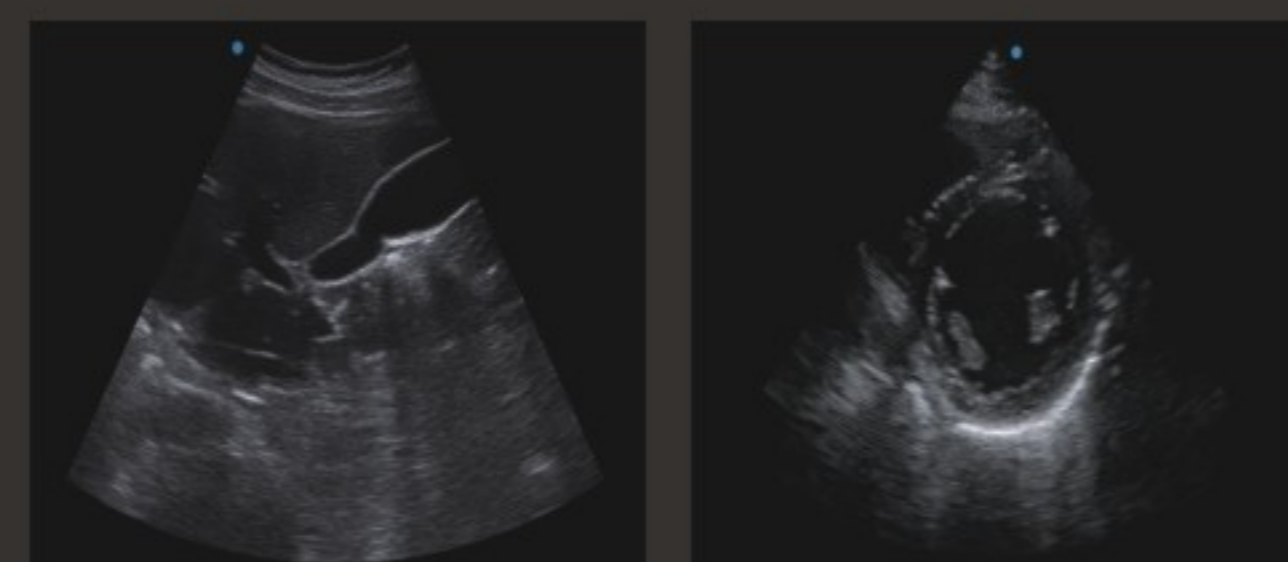
**Macro Fidelity (MFI)**

With the MFI technology, Apogee 5500 effectively makes up the spatial resolution gap caused by discrete signals and enhances filtering accuracy. By reducing signal distortion and eliminating unwanted noises, it renders premium images with outstanding resolution, high contrast and enhanced penetration.



**Fusion Tissue Harmonic Imaging (Fusion THI)**

Real-time fusing the information from different frequency bands, Fusion THI implements the broadband transmission and reception of harmonic waves. With enhanced image resolution and penetration, the system will help to boost your diagnostic confidence.



**Foco Tracing**

With accurate focusing and aperture control, Foco Tracing effectively minimizes side beams, artifacts and noises. It presents a distinct and well-distributed image with balanced present in both near and far field.

**Wideband-beam Emission Technology**

It is a beam processing technology that remarkably eliminates artifacts and guarantees high resolution in both near and far fields of B mode.

**Progressive** technology  
leads to **accurate** diagnosis

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**VS-Flow**

VS-Flow collects the valid vector information from Doppler signals by frequency modulation. It enables high sensitivity of capillary vessels with extraordinary resolution.

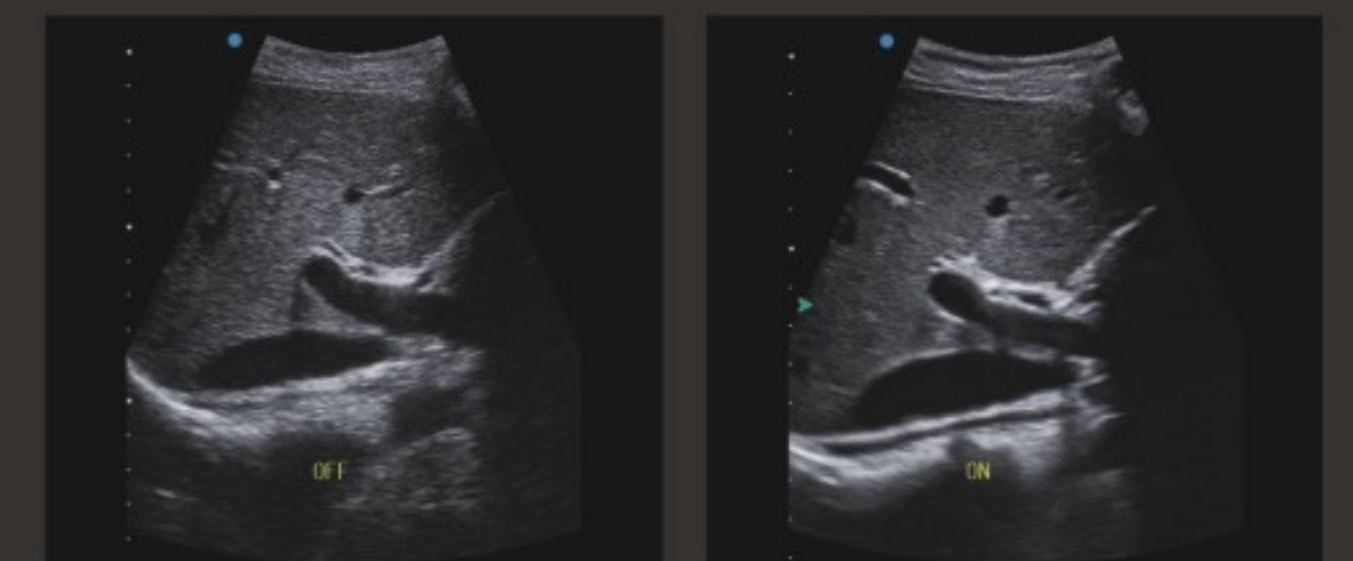


**FusionFreq**

FusionFreq helps to eliminate speckle noises in sub-frequency by merging the frequency information. By fusing both low and high frequency signals, it accomplishes a depth-independent resolution to achieve perfect images.

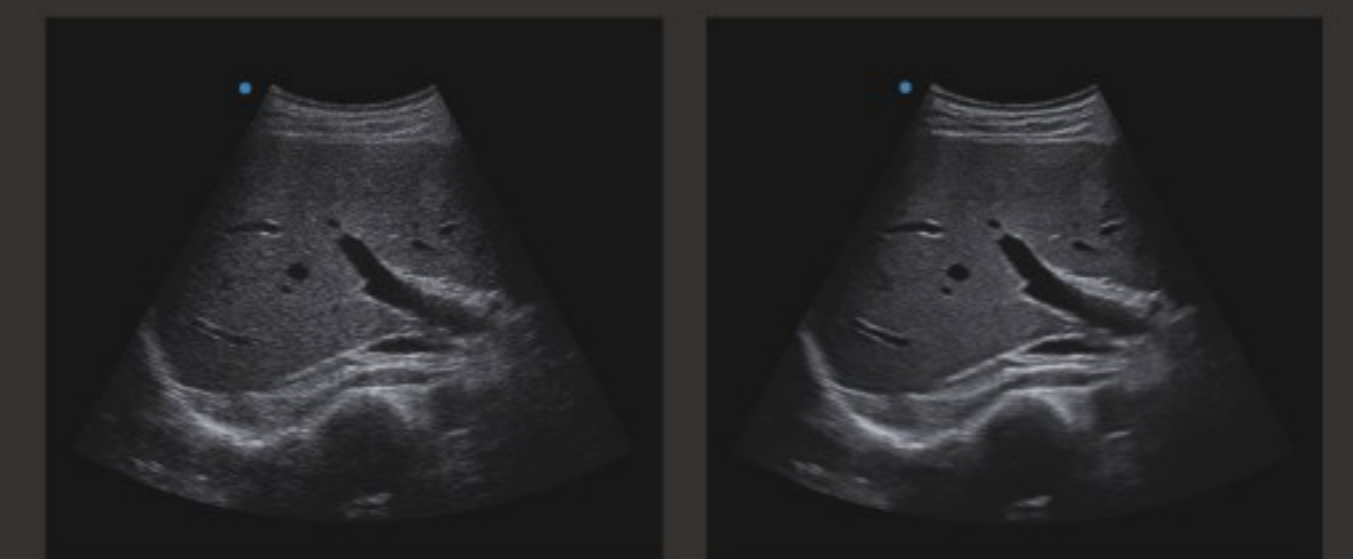
**XBeam**

By emitting ultrasonic beams from different angles, XBeam reduces the dependence from receiving angles to create images without compromise.



**Nanoview**

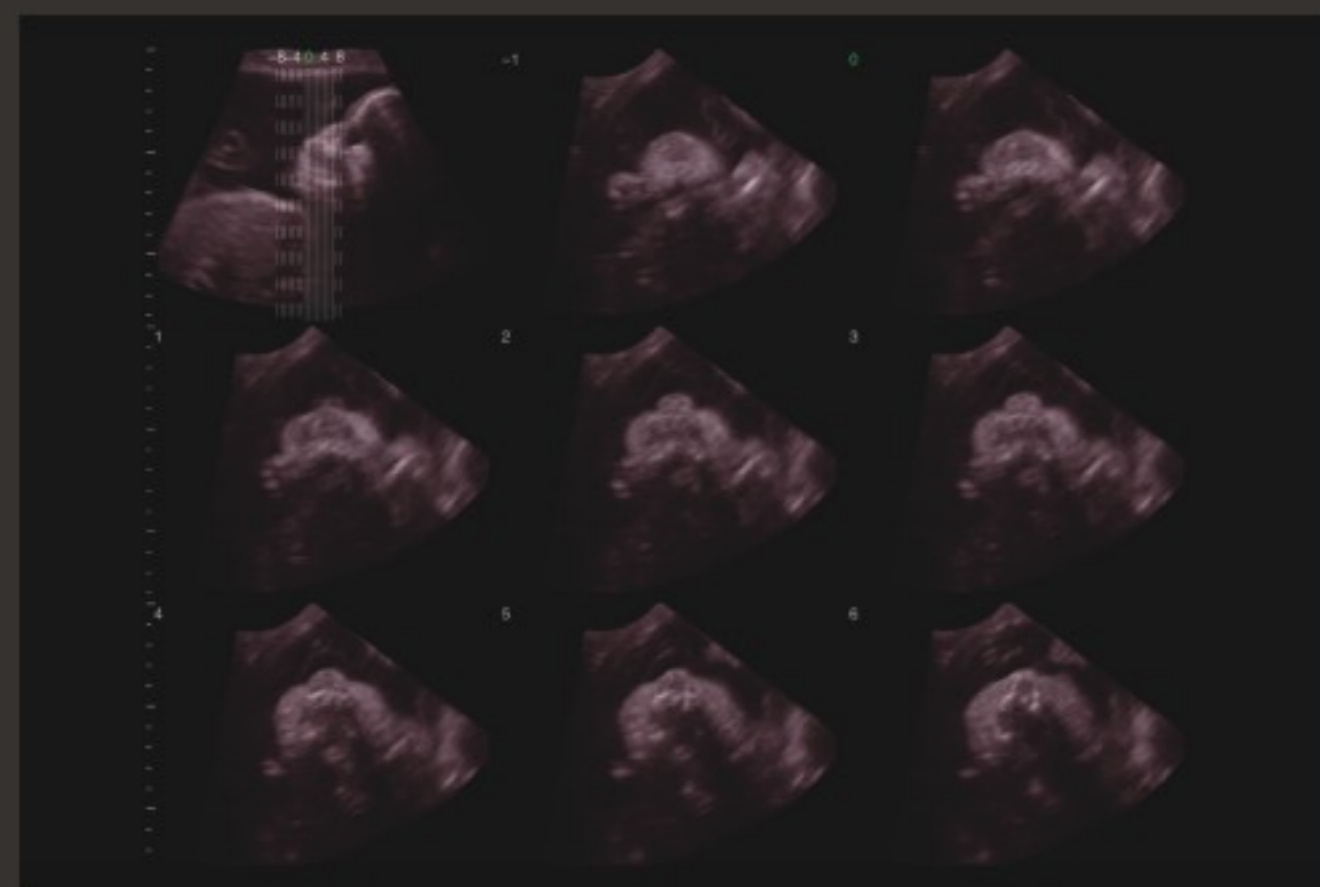
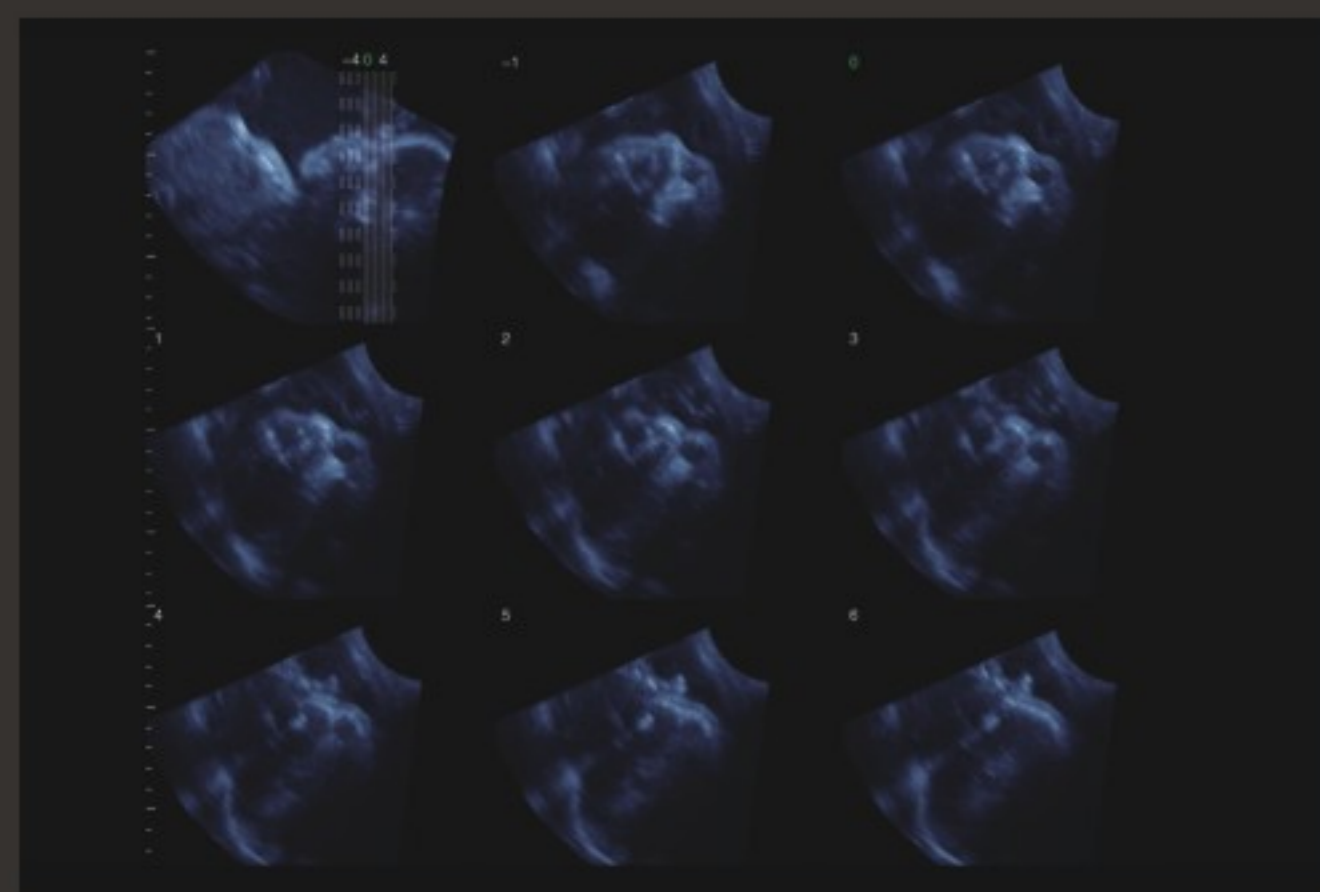
By reducing noises and artifacts, Nanoview is able to present tiny lesions in soften images with distinct tissues and enhanced edge, helping to offer reliable diagnostic results.



# New 4D imaging tools contribute to lifelike images and more reliable diagnosis

## nSlice

Presenting multi-sections of the 4D object from different angles by rotating to find the needed section quickly. Diagnostic accuracy is improved by adjusting the thickness and angle of the section, so as to observe the shape, size and surroundings of the target area more clearly.



## Q-Cut

By trimming the irregular images to present the target area more clearly, greatly improves diagnostic efficiency.



## Opti-4D

A quick 4D optimization tool helps to obtain an ideal 4D image.



## Any Cut

Erasing the unnecessary information from different angles, so as to clarify the image.

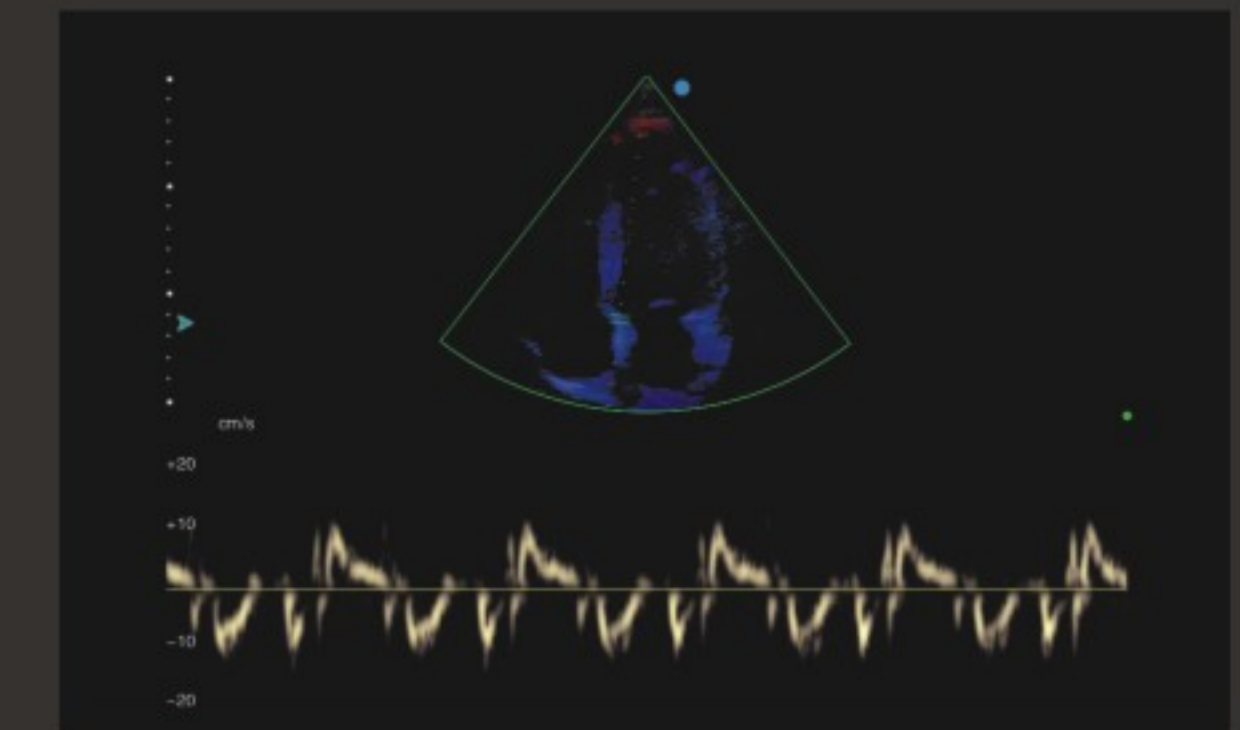
## 3D Printing

With a 3D printer, users can print the 3D image as a vivid baby. Meeting babies in advance will bring great fun to mothers.

# Premium images and comprehensive assessment tools offer maximized clinical value

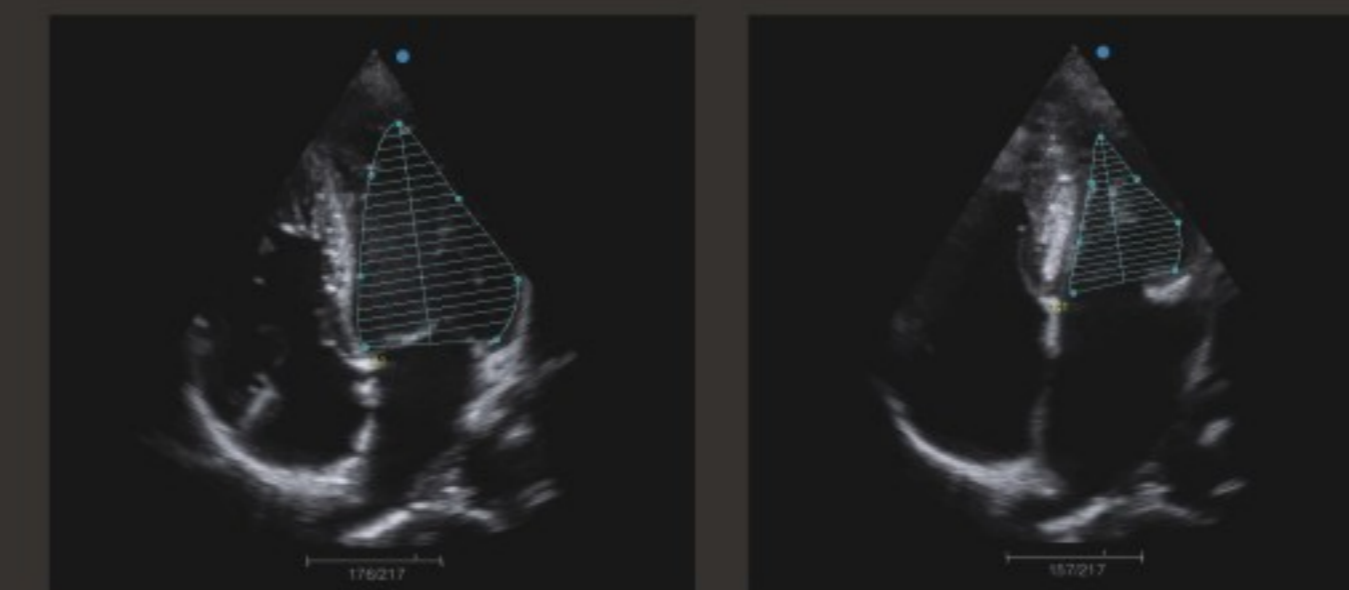
## TDI (Tissue Doppler Imaging)

TDI helps to assess the directional and temporal phase of cardiac, so as to display the movement state of vascular wall and the movement speed of heart.



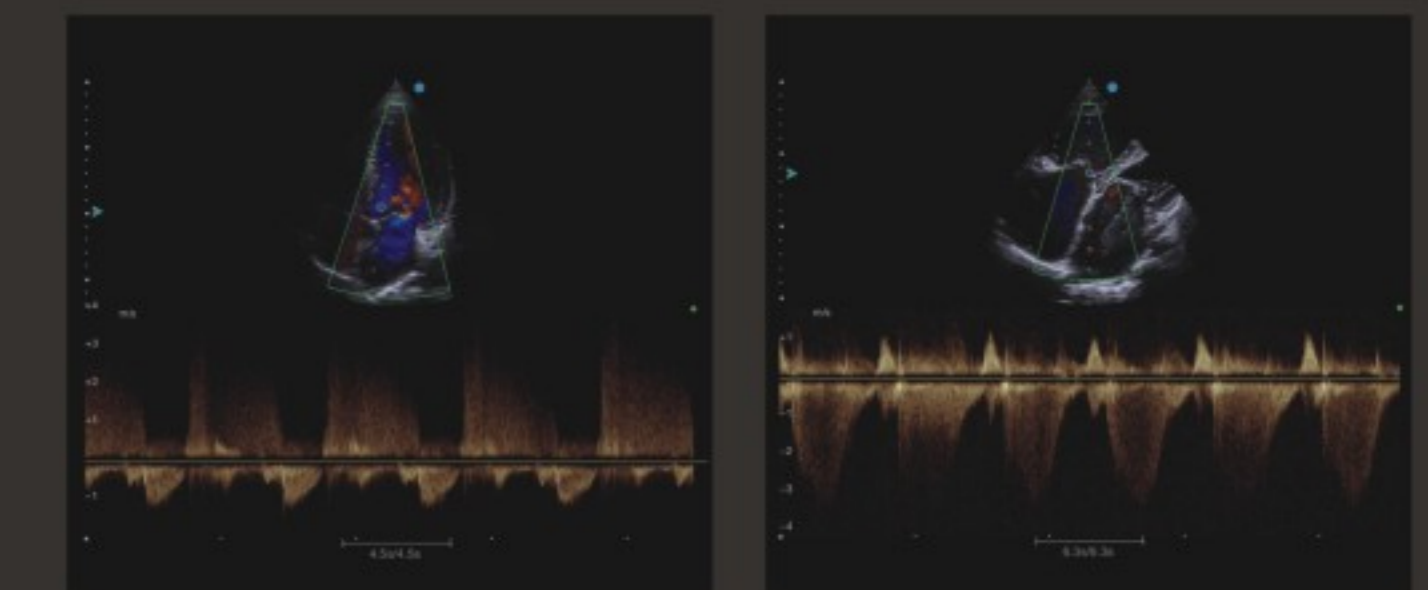
## Simpson Auto Tracing

With three-point fix, the measurement saves your time and effort to obtain the information of cardiac function by automatically tracing the endocardium (fine-tuning available).



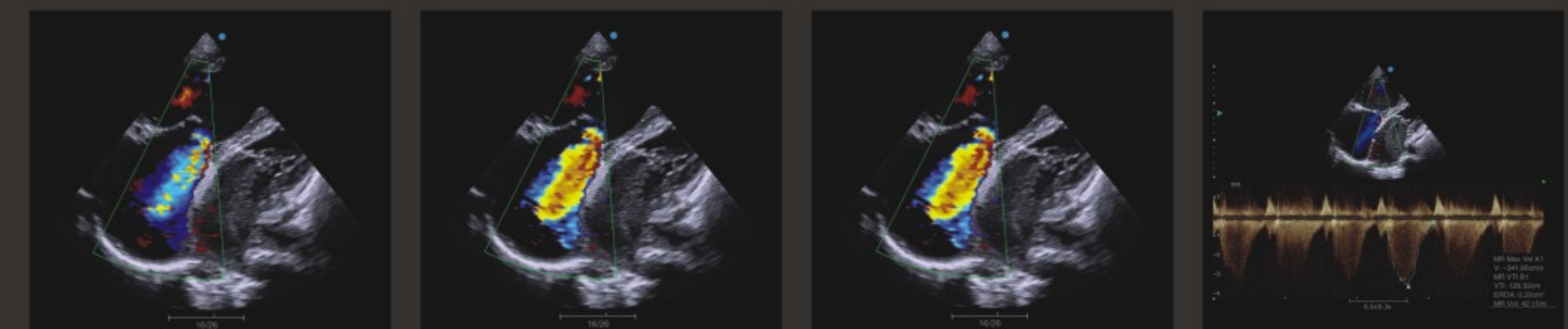
## Continuous Wave Doppler

Continuous wave Doppler detects the abnormal cardiac high-speed blood.



## PISA

PISA serves as an important basis to regurgitation severity assessment. With PISA, Apogee 5500 easily calculates regurgitation flow caused by cardiac valve disease, which provides significant evidence for clinical diagnosis.



## Slim outline and ergonomic design make diagnosis a joyful experience



- Gel-warmer warms up the gel to comfortable temperature
- Temperature adjustable from 0~50°C



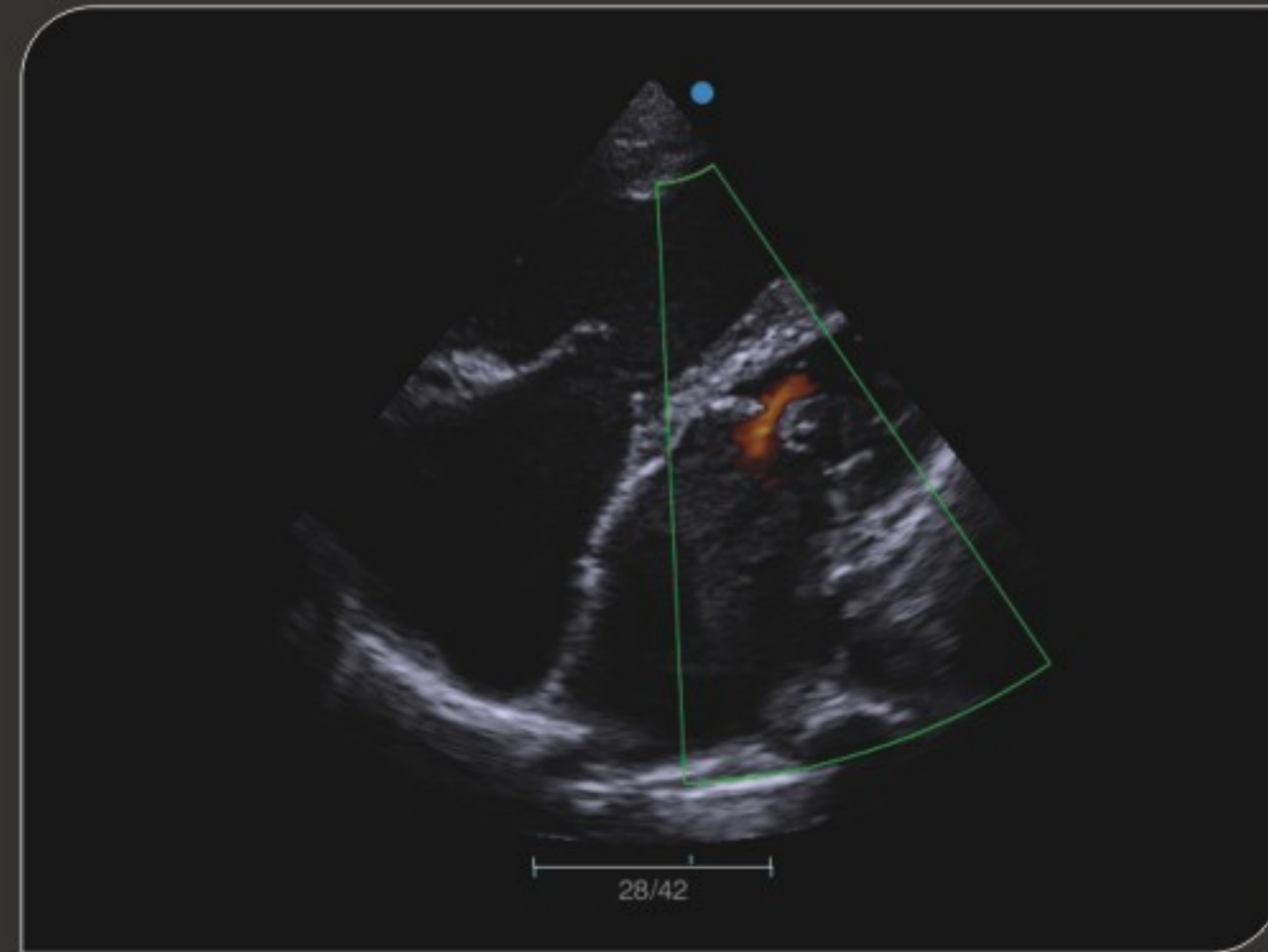
- Quickly activates Ultracloud with one button to experience different unexpected services.



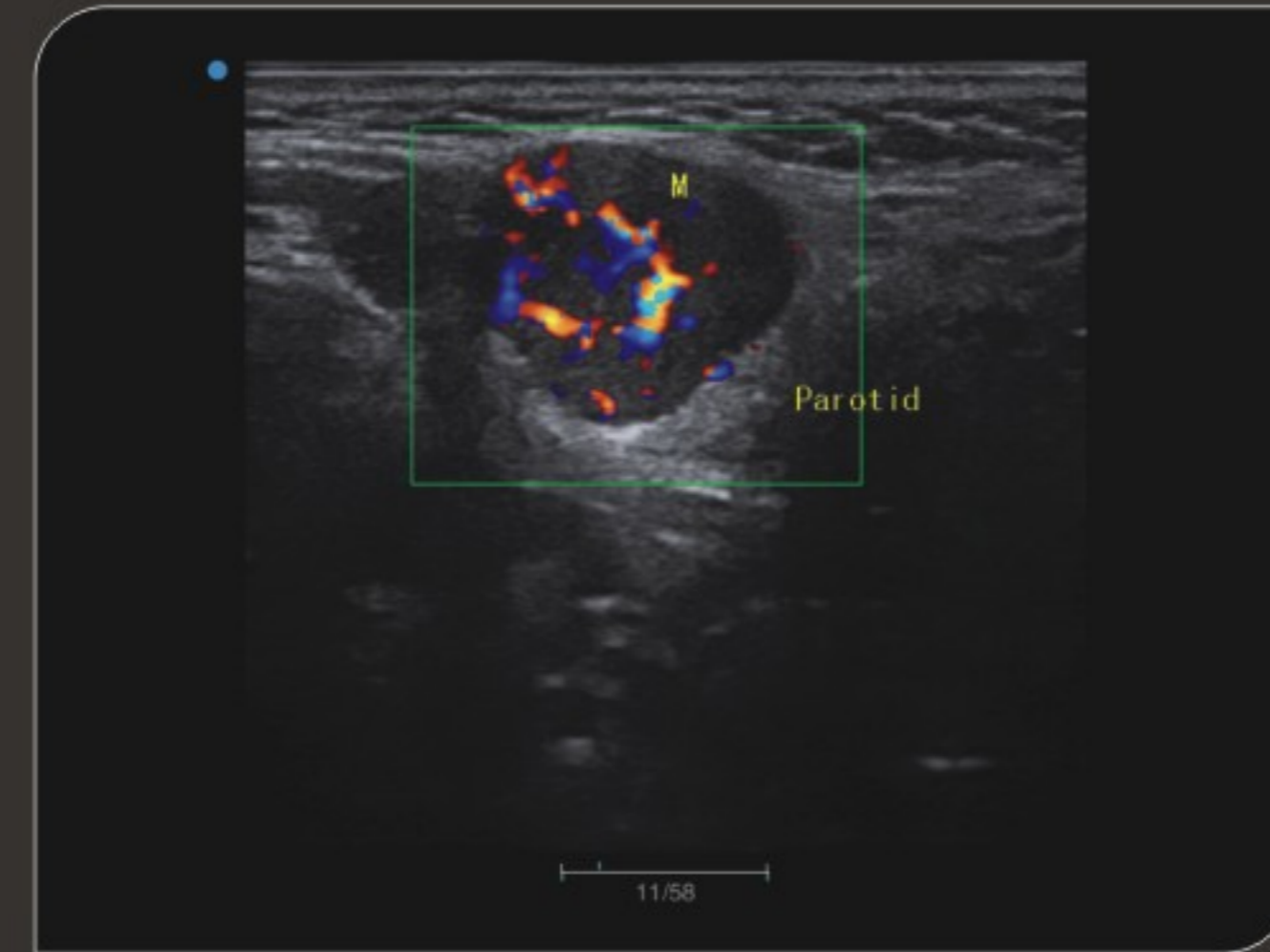
- Distinct control panel with intuitive layout
- Elaborate button and knob smooth your operation
- User-friendly design enables quick and easy activation of the functions



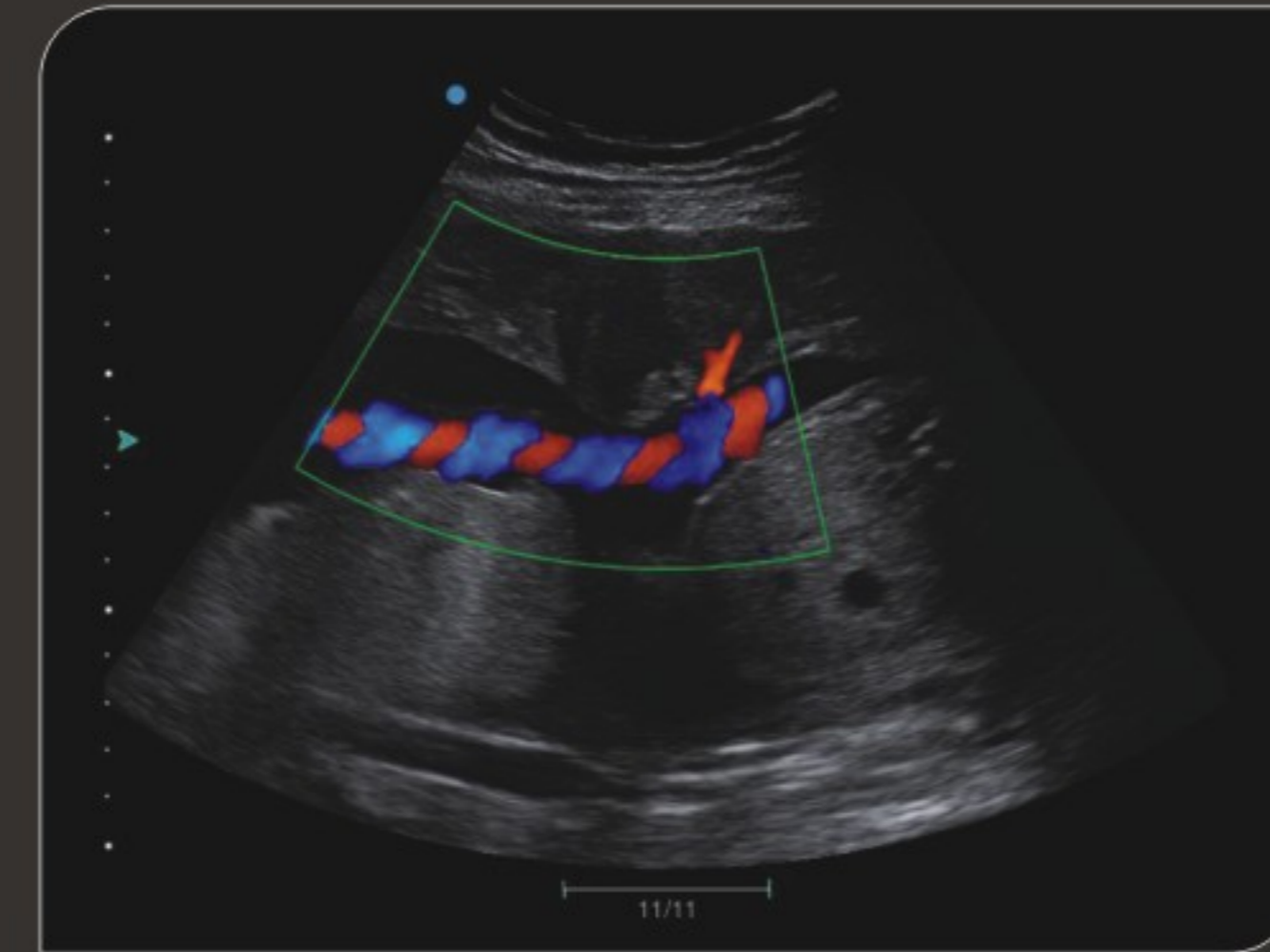
# Image Gallery



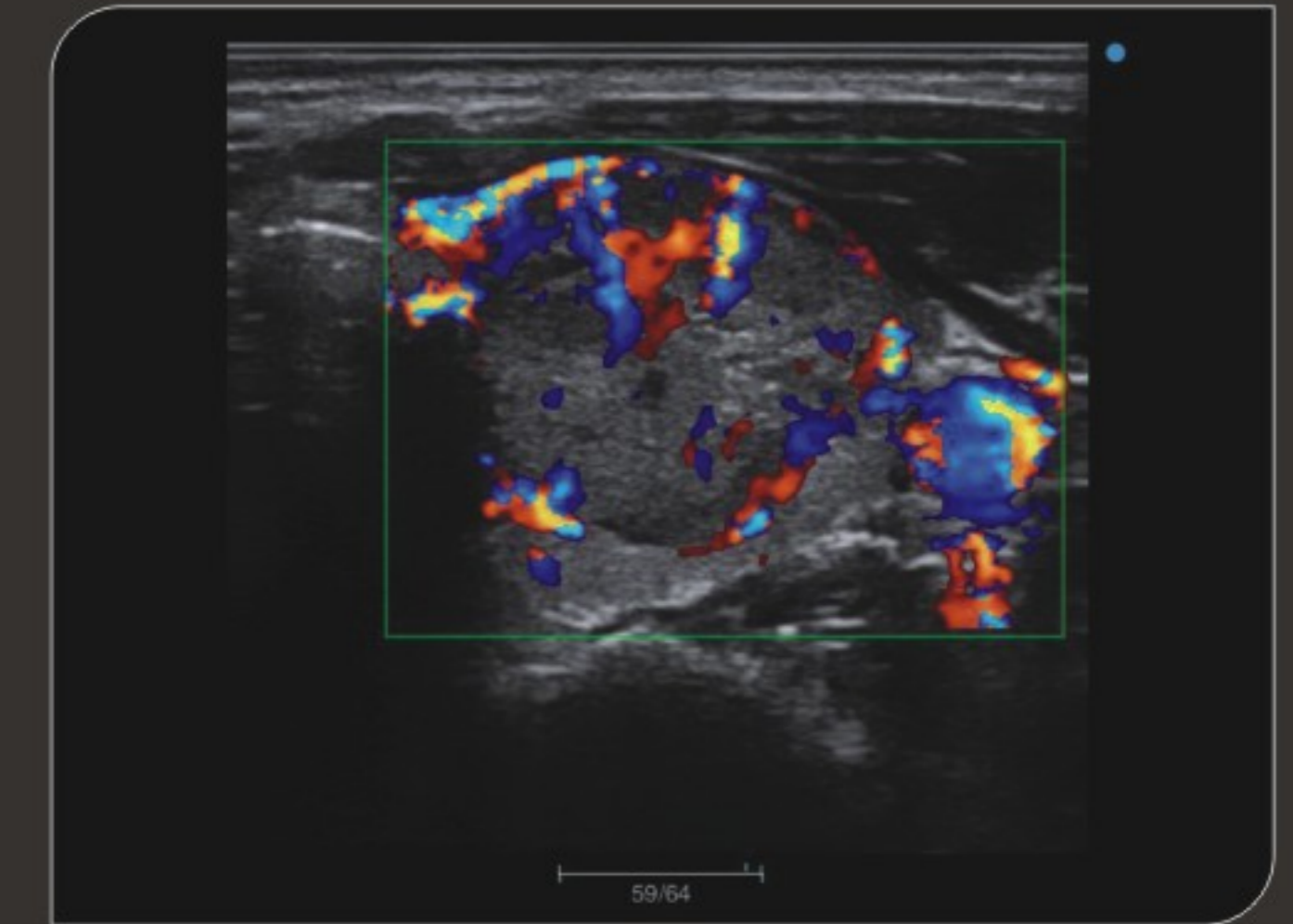
Rheumatic heart disease color mode



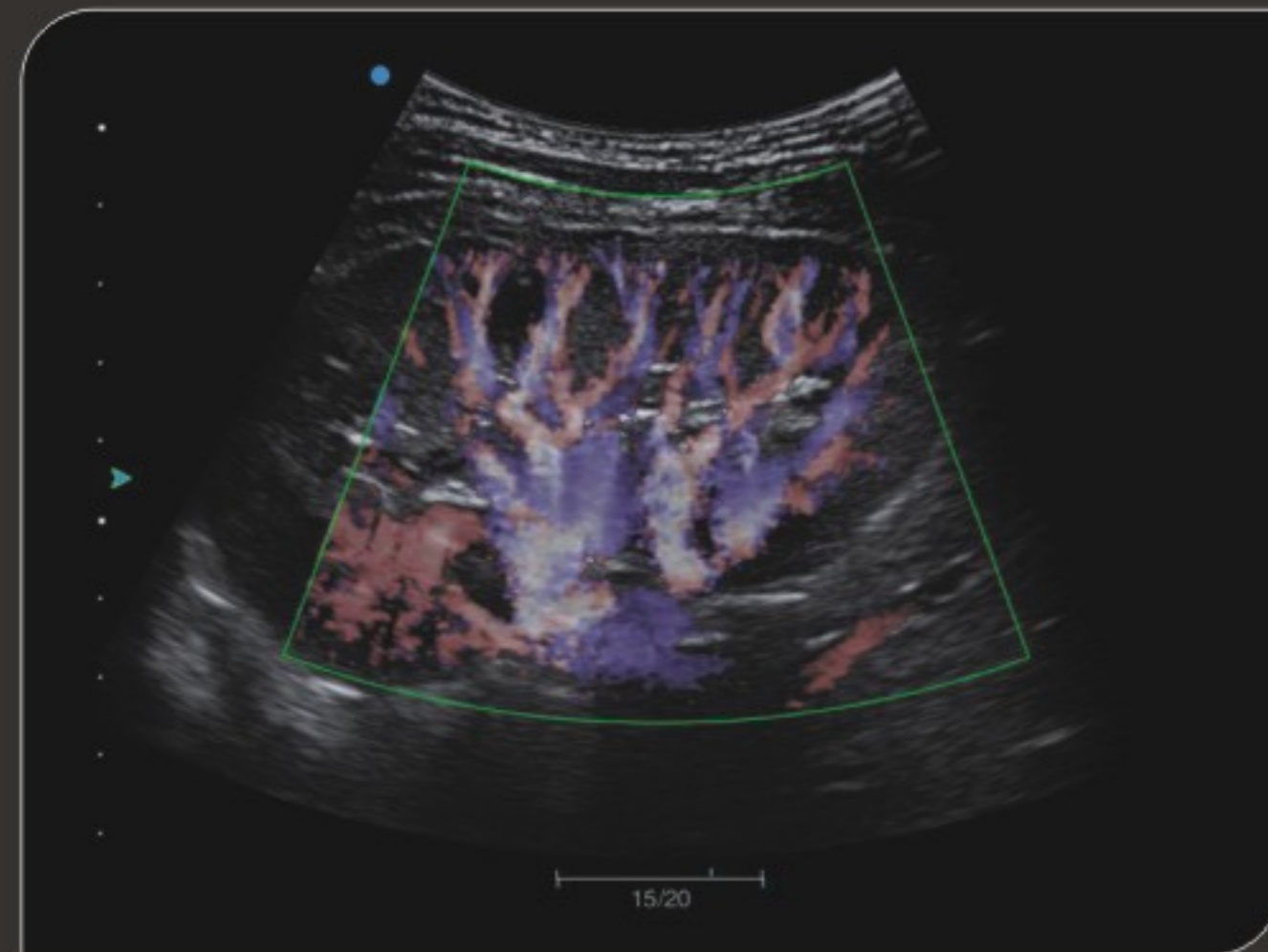
Parotid mass color mode



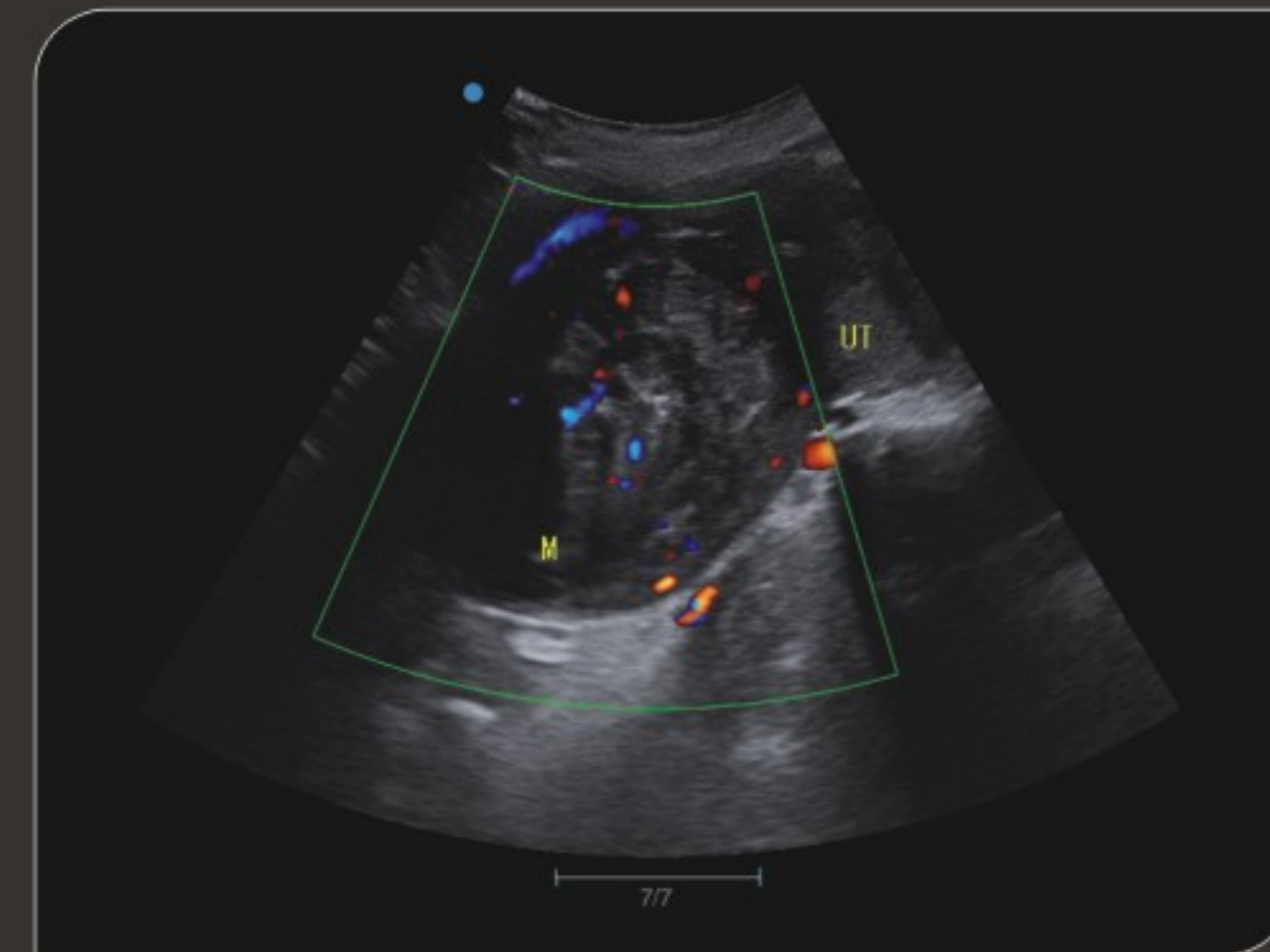
Umbilical cord color mode



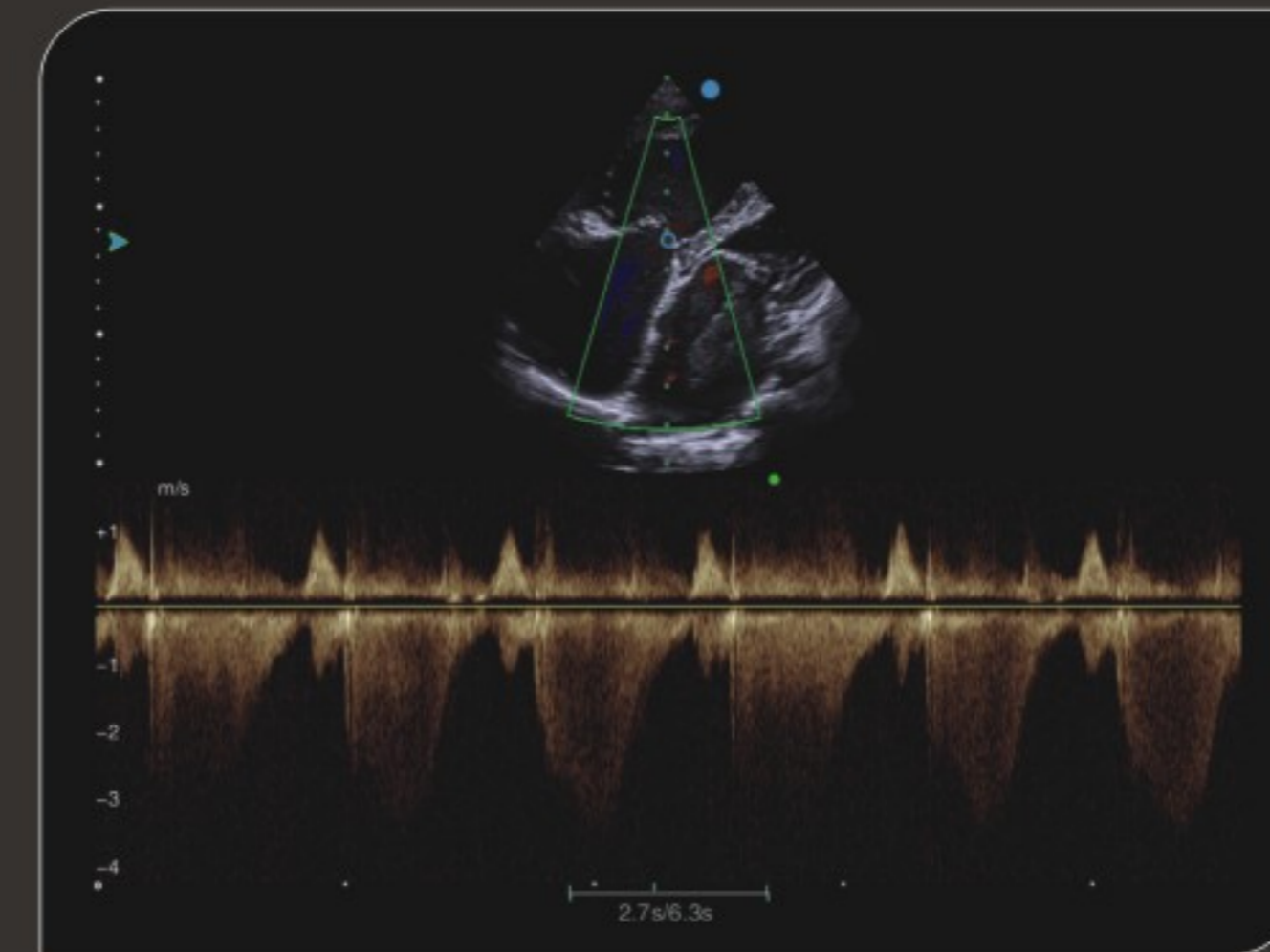
Thyroid mass color mode



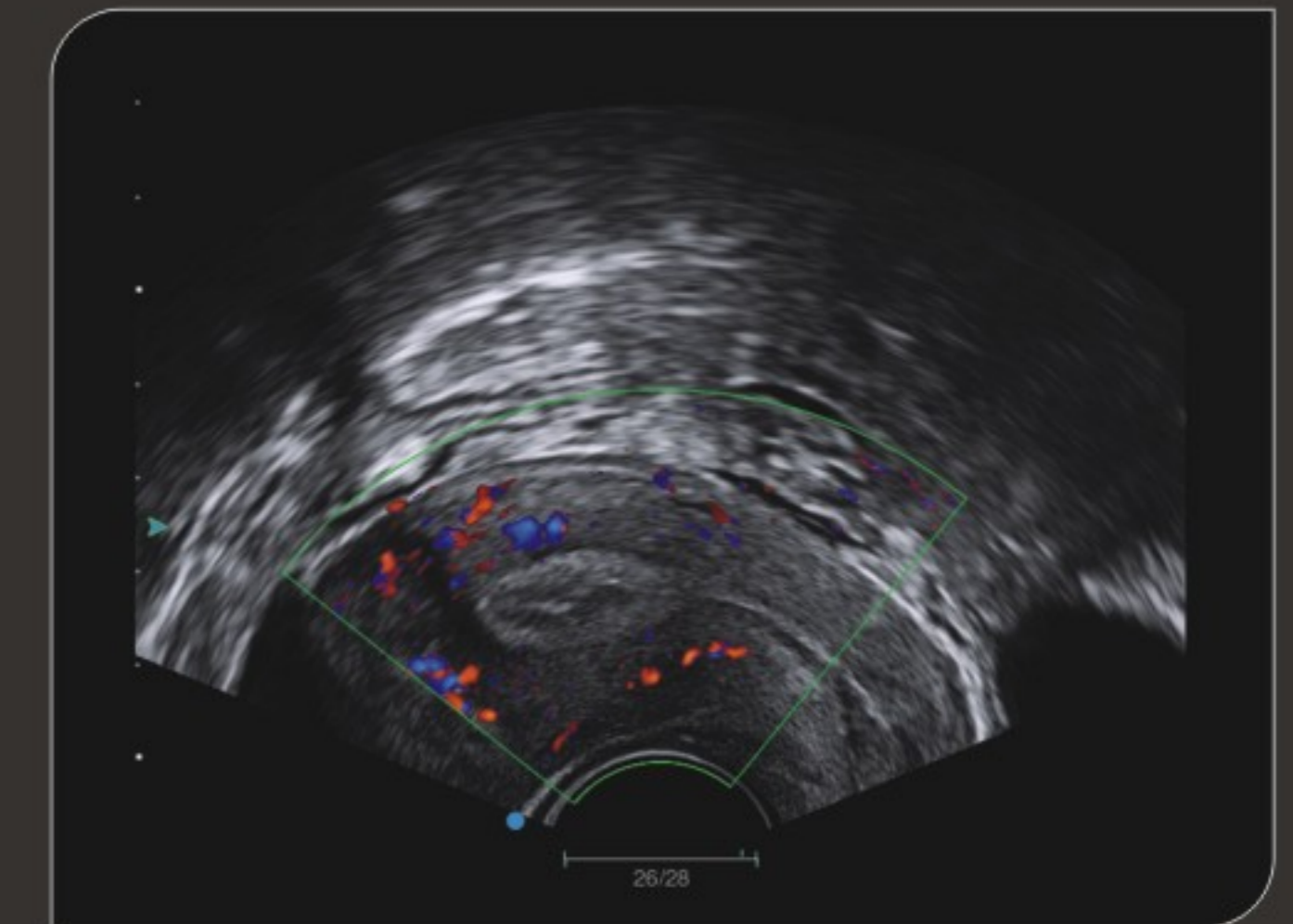
Kidney VS-flow



Hysteromyoma color mode



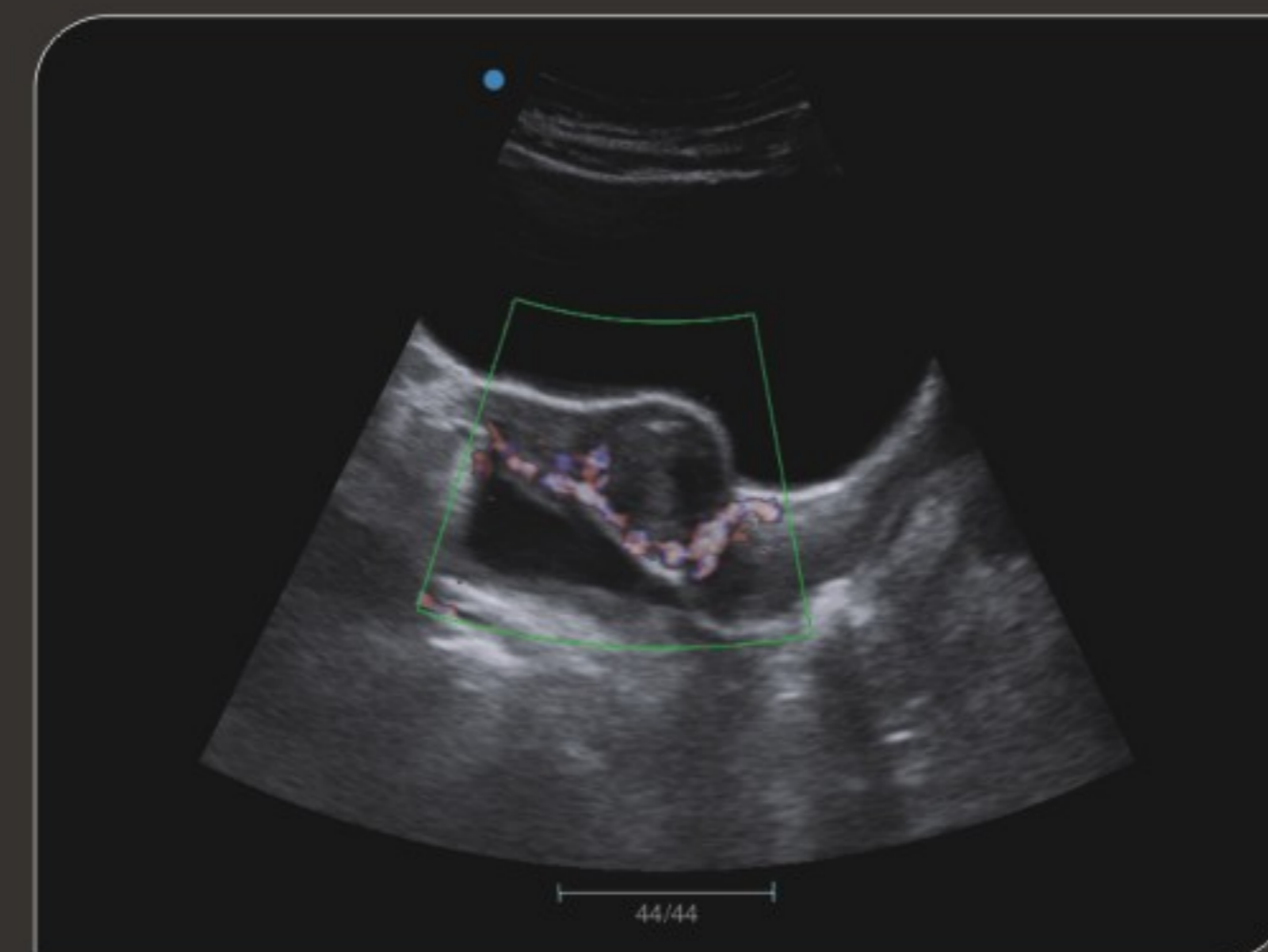
Rheumatic heart disease CW mode



Utero color mode



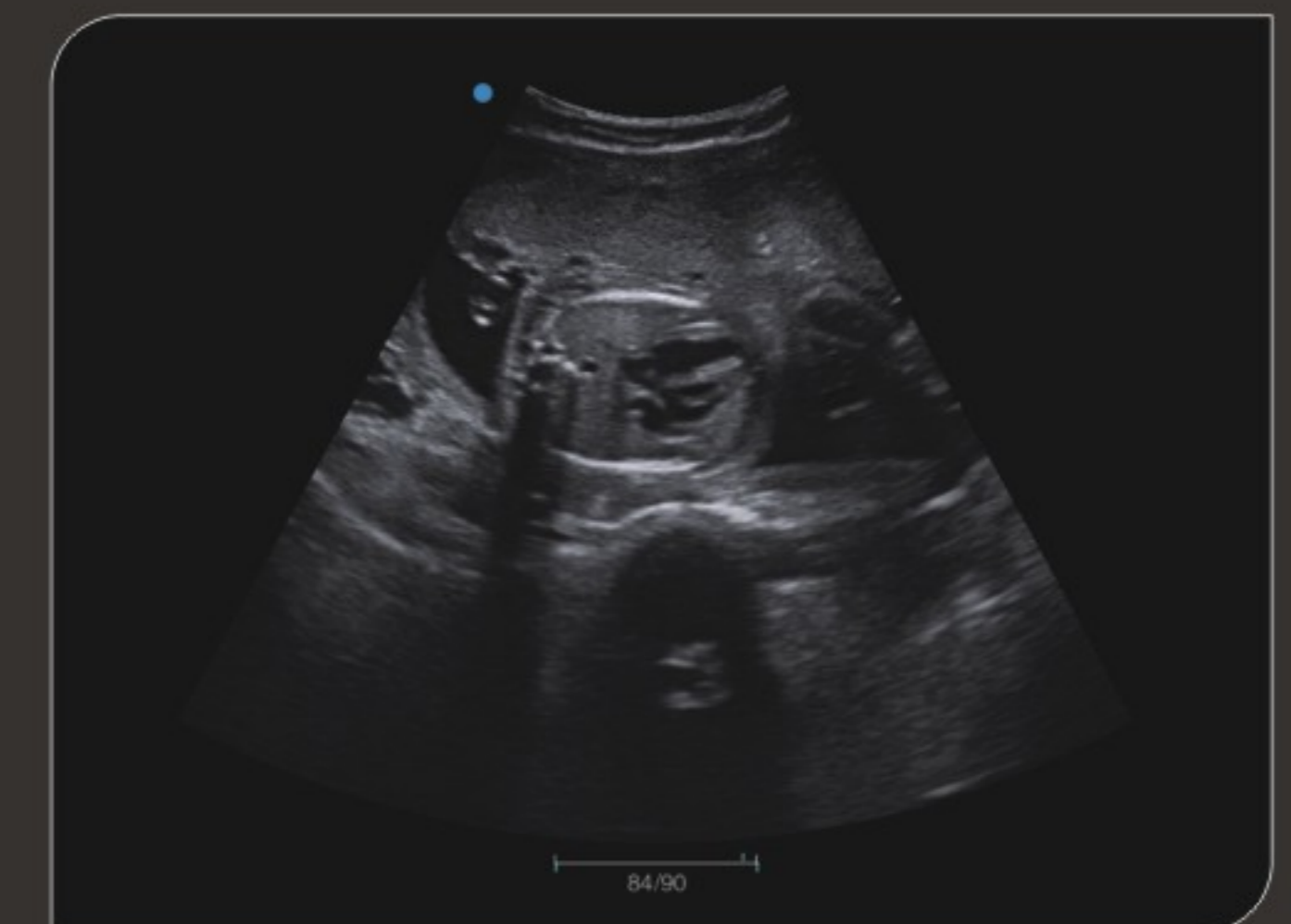
Pancreas 2D mode



Fibroid VS-flow



Breast mass 2D mode



Fetal heart 2D mode