

See the future  
**SIUI**

**Touch**  
**Apogee 5300**



See the future  
**SIUI**

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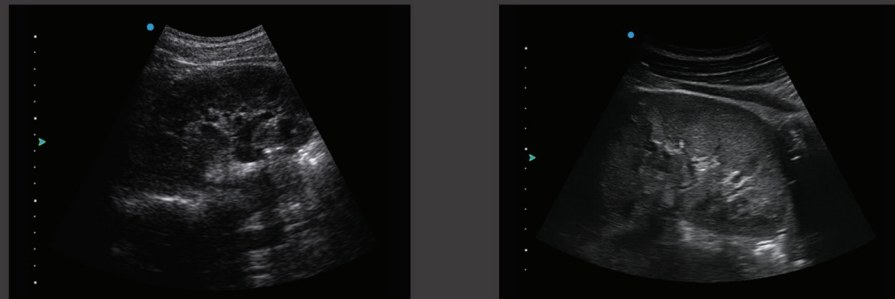
Apogee 5300 Touch/1502



# Innovative imaging technology boosts your diagnosis confidence

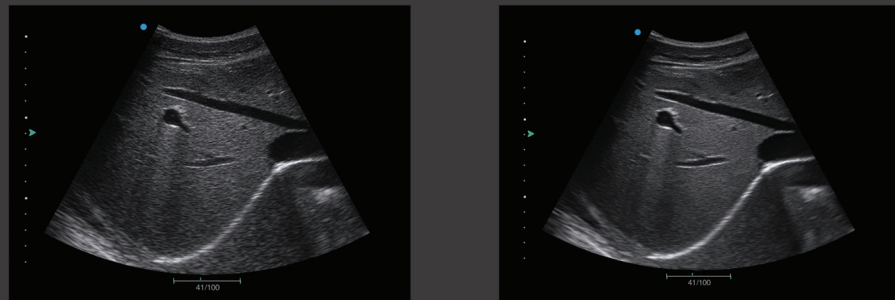
## Xbeam

The system is able to multiply receive and process scanning lines of images from each element, which largely increases the frame rate of images in B mode and 4D mode.



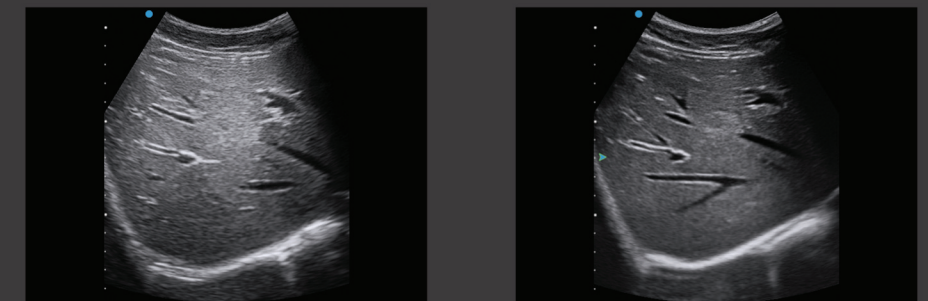
## Nanoview

The technology aims at reducing noise and artifacts, purifying tissue shading and edging, improving contrast resolution and helping early identification of tissue/structure lesion.



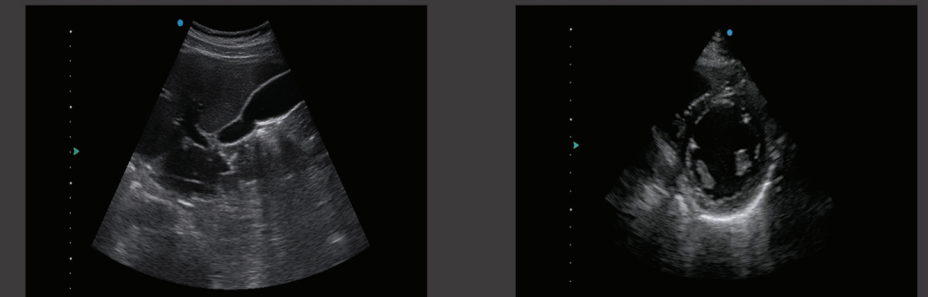
## FusionFreq

The system has ability to scan the target by multi-direction beamforming thus easing echo artifacts and improving spatial resolution.



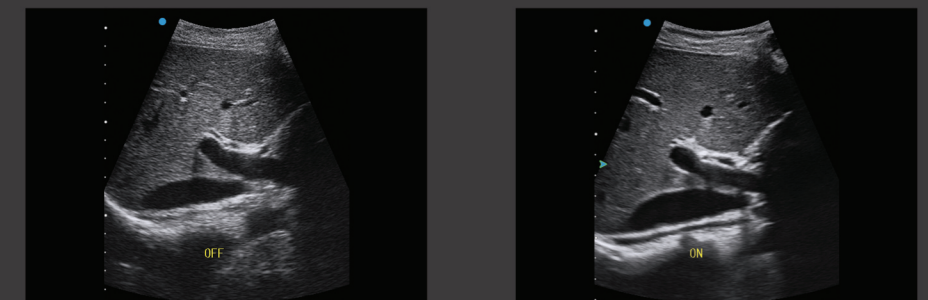
## Fusion Tissue Harmonic (Fusion THI)

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.



## Auto-Fit

The system can automatically track, identify and enhance useful tissue-characteristic information, as a result of reducing noise and artifacts, purifying tissue shading and edging, improving contrast resolution and helping early identification of tissue/structure lesion.



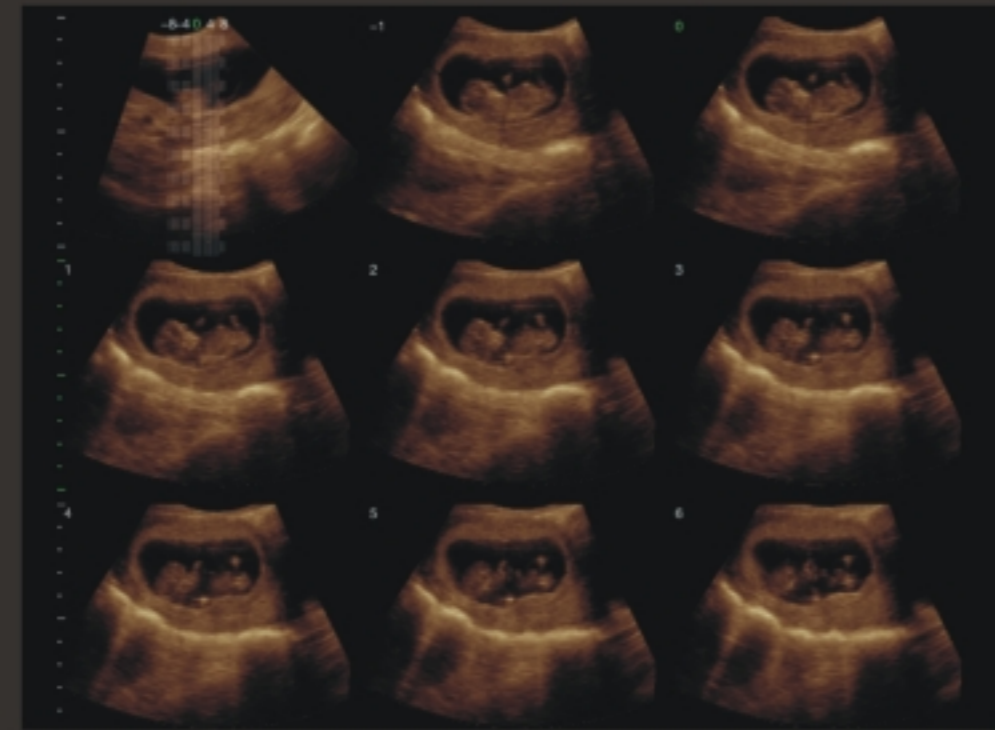
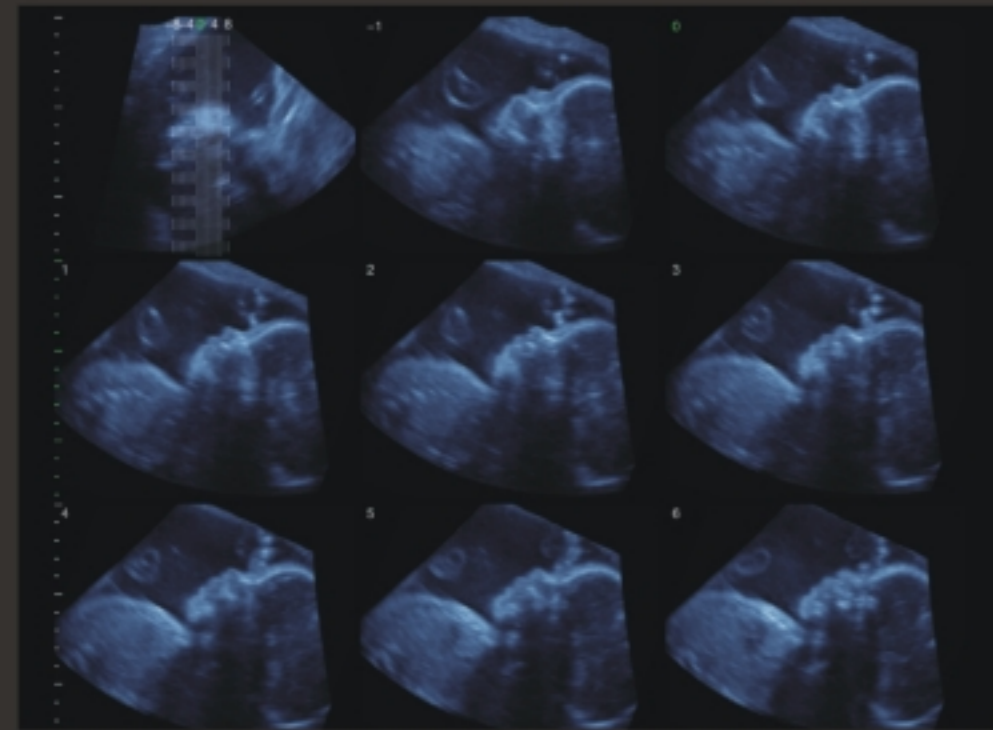


# Comprehensive clinical solutions enable easy diagnosis

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

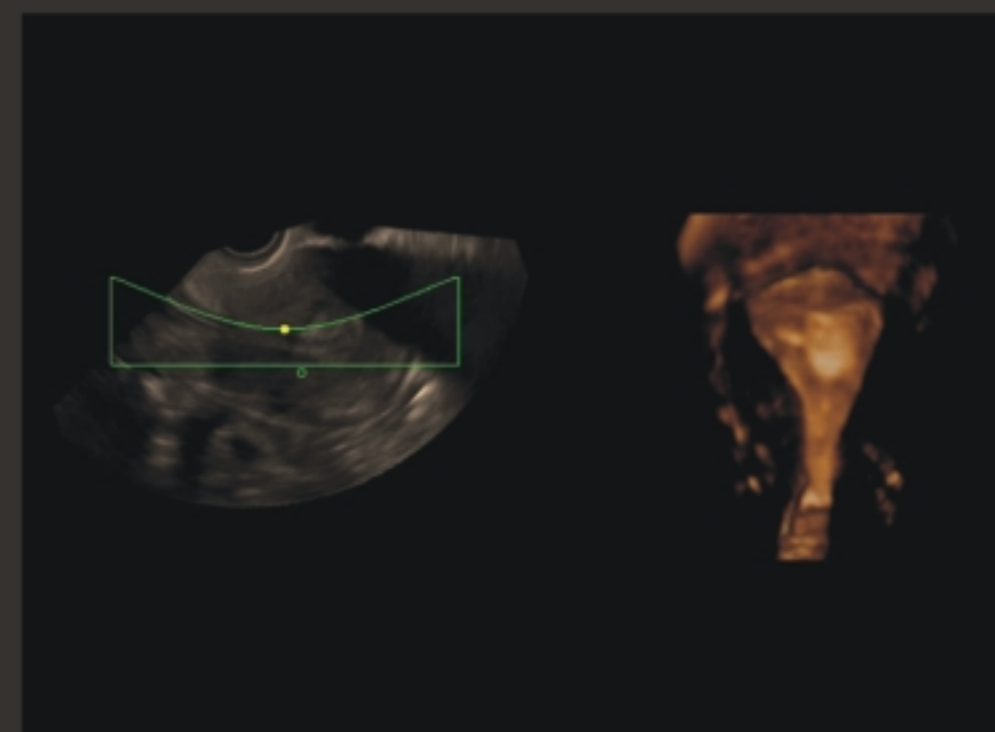
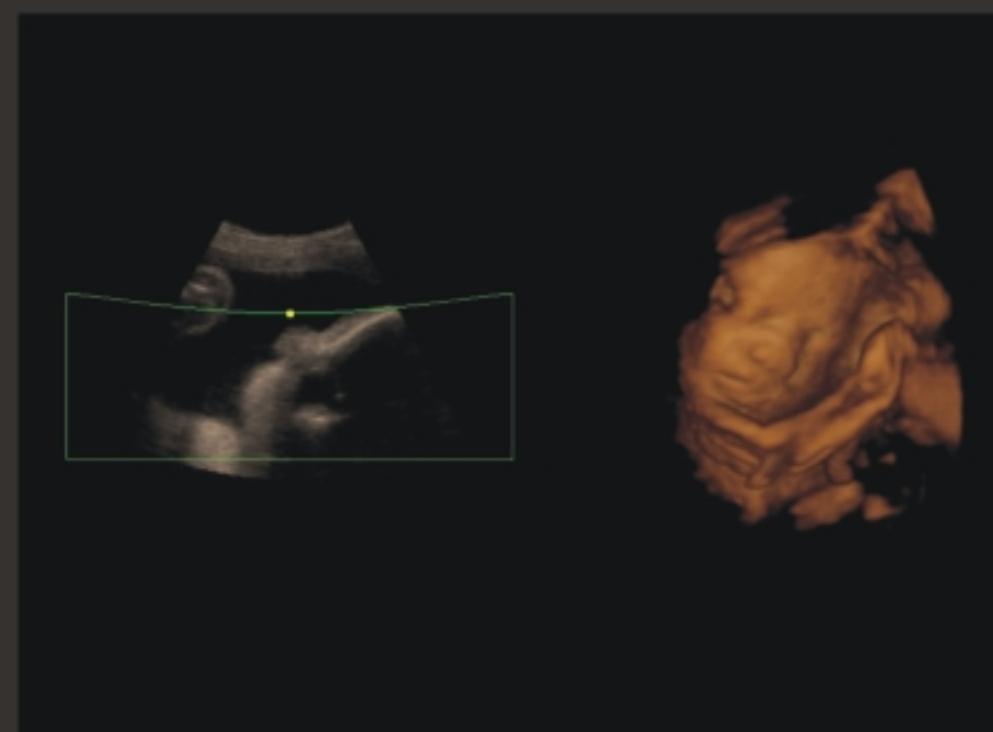
## nSlice

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.

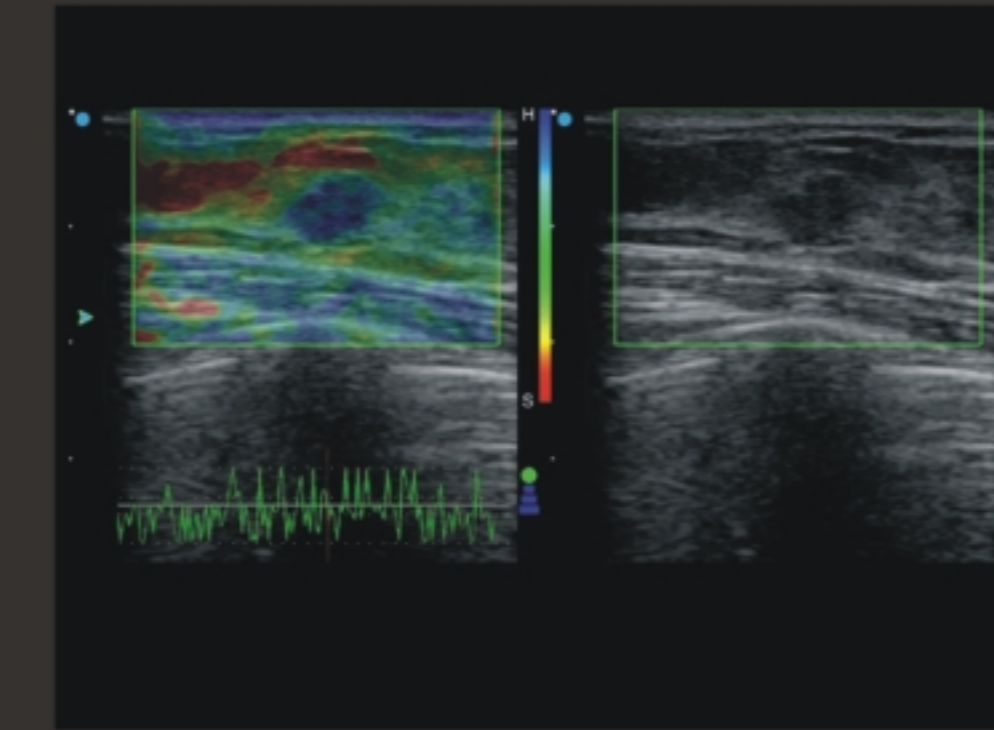
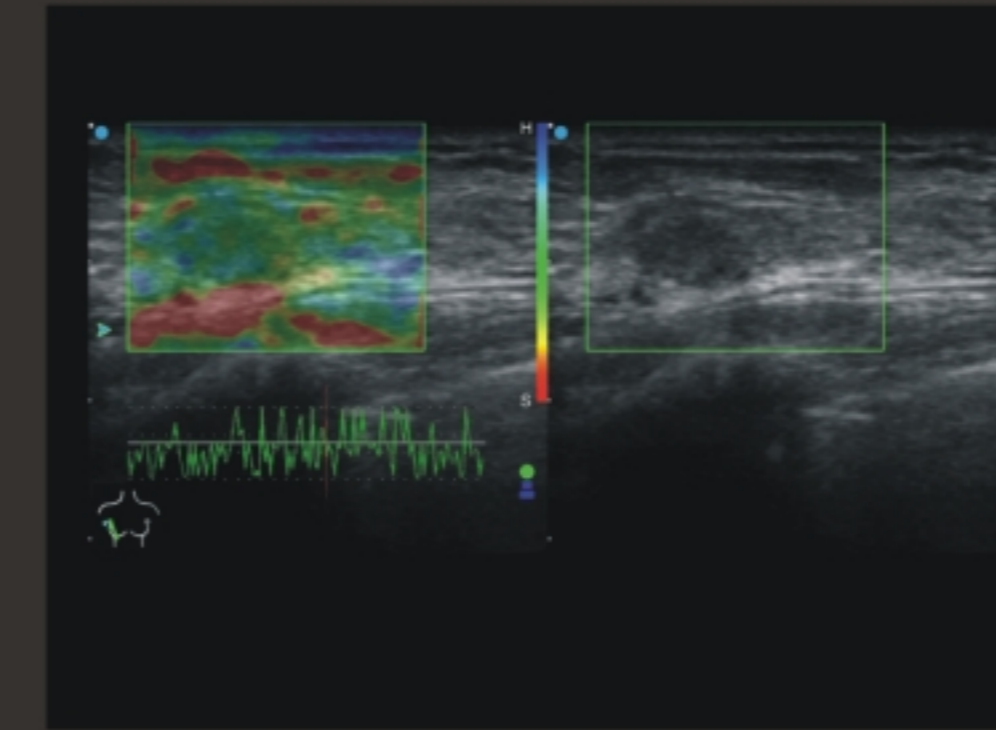


## Opti-4D

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

## Smart Elastography for breast exams

The system supports linear probes with elastography images to visualize the stiffness of tissues in real time by delivering an external compression on the tissues. With the smart Elastography developed by SIUI, the doctors can feel more convinced in early detection of breast cancer.



## Panoscope

Extending wider view for doctors to scan large area tissue, the exclusive LIVE panoramic imaging also allows doctors to monitor the scanning quality via simultaneous display of B mode/ Panoramic mode. In addition, when operating this function, the doctor can erase the previous image area and continue to generate better panoramic imaging.

## SonoAir

This function offers doctors mobile working in the hospital and the clinic. Doctors can access the on-scan images via iPad, iPhone or the wireless PC printer even if he/she is away from the ultrasound system.

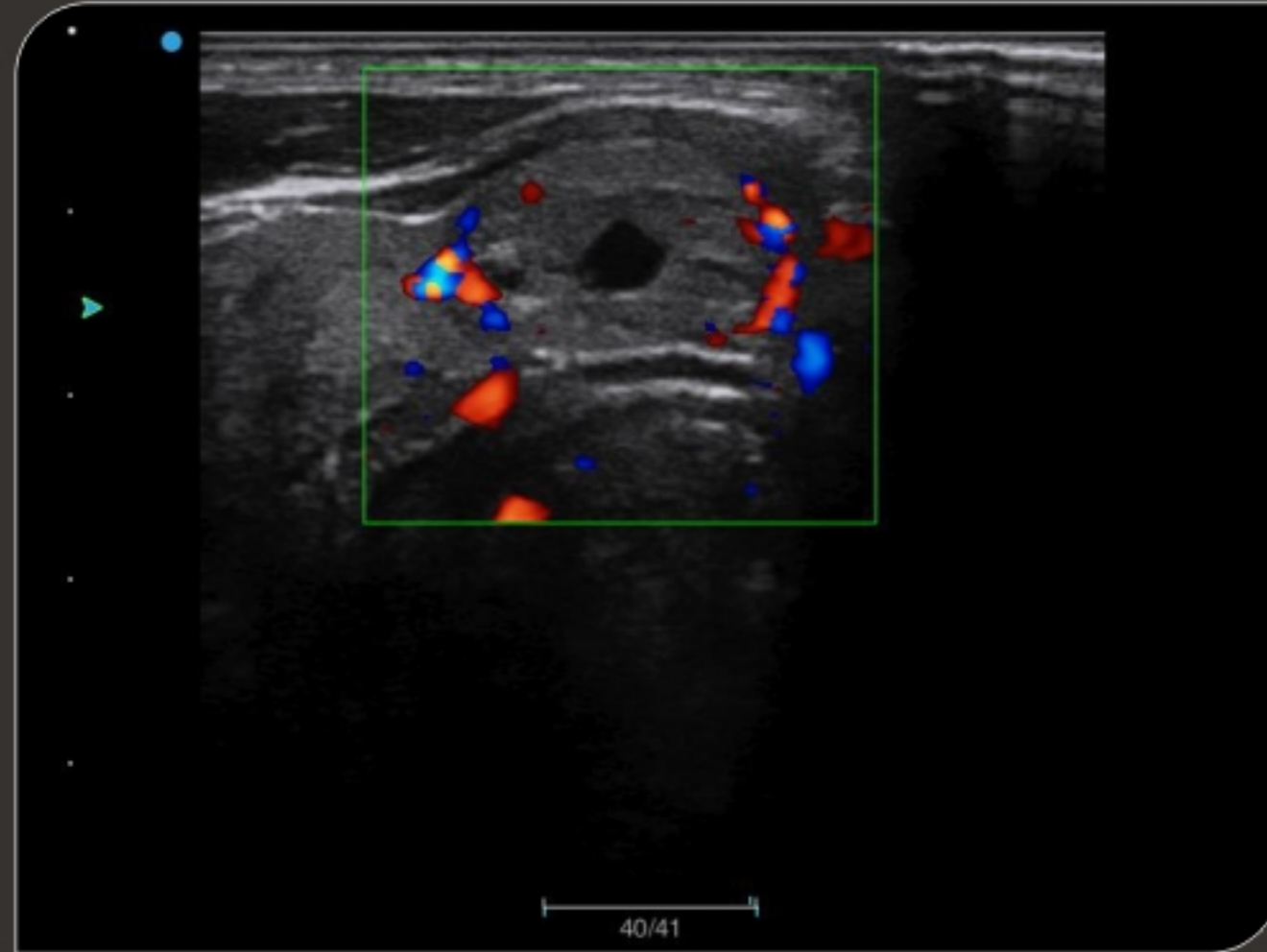
## Tissue Doppler Image and Continuous Wave Doppler for cardiology

Tissue Doppler Image 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.

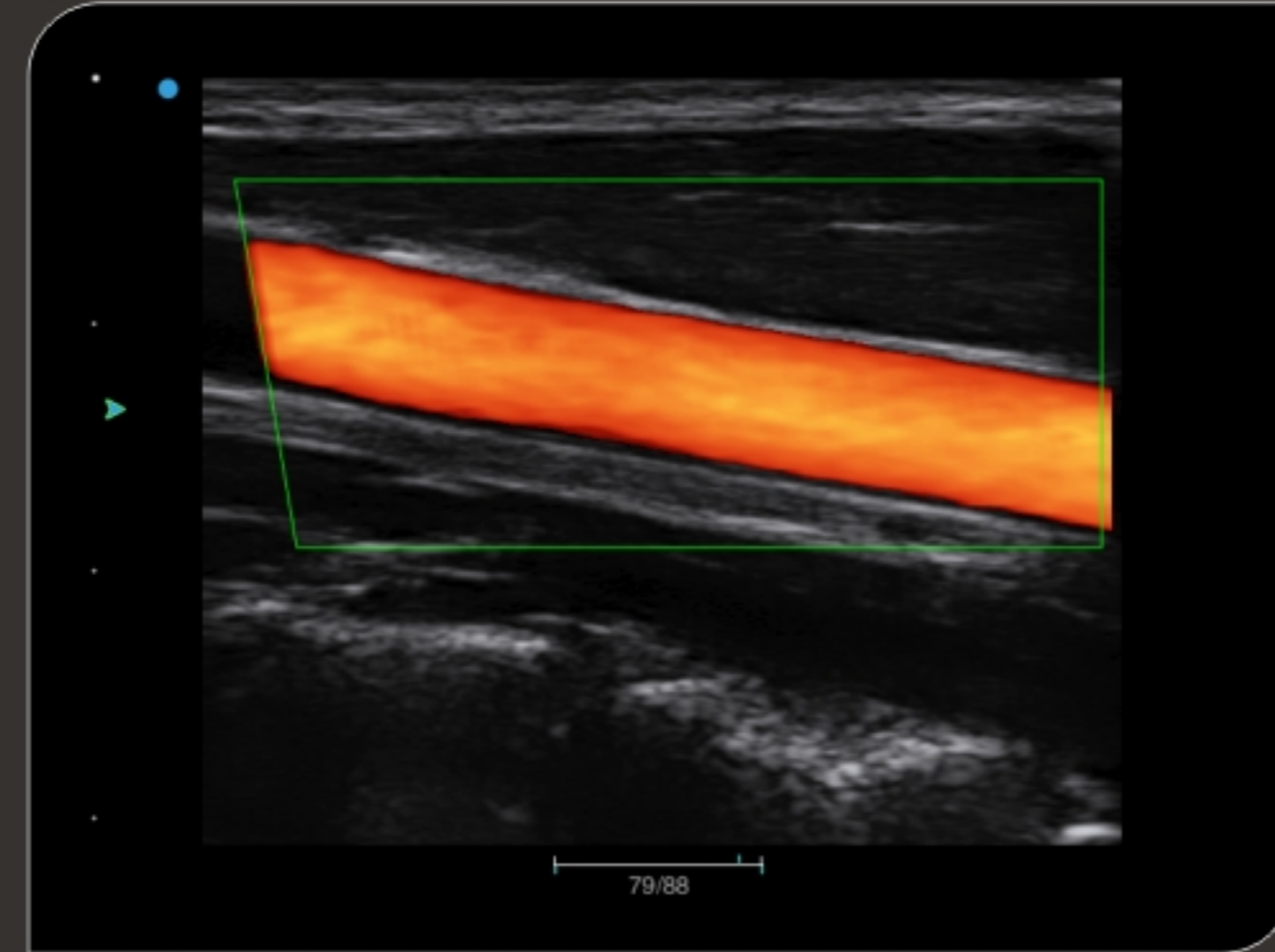
Continuous wave Doppler detects the abnormal cardiac high-speed blood.



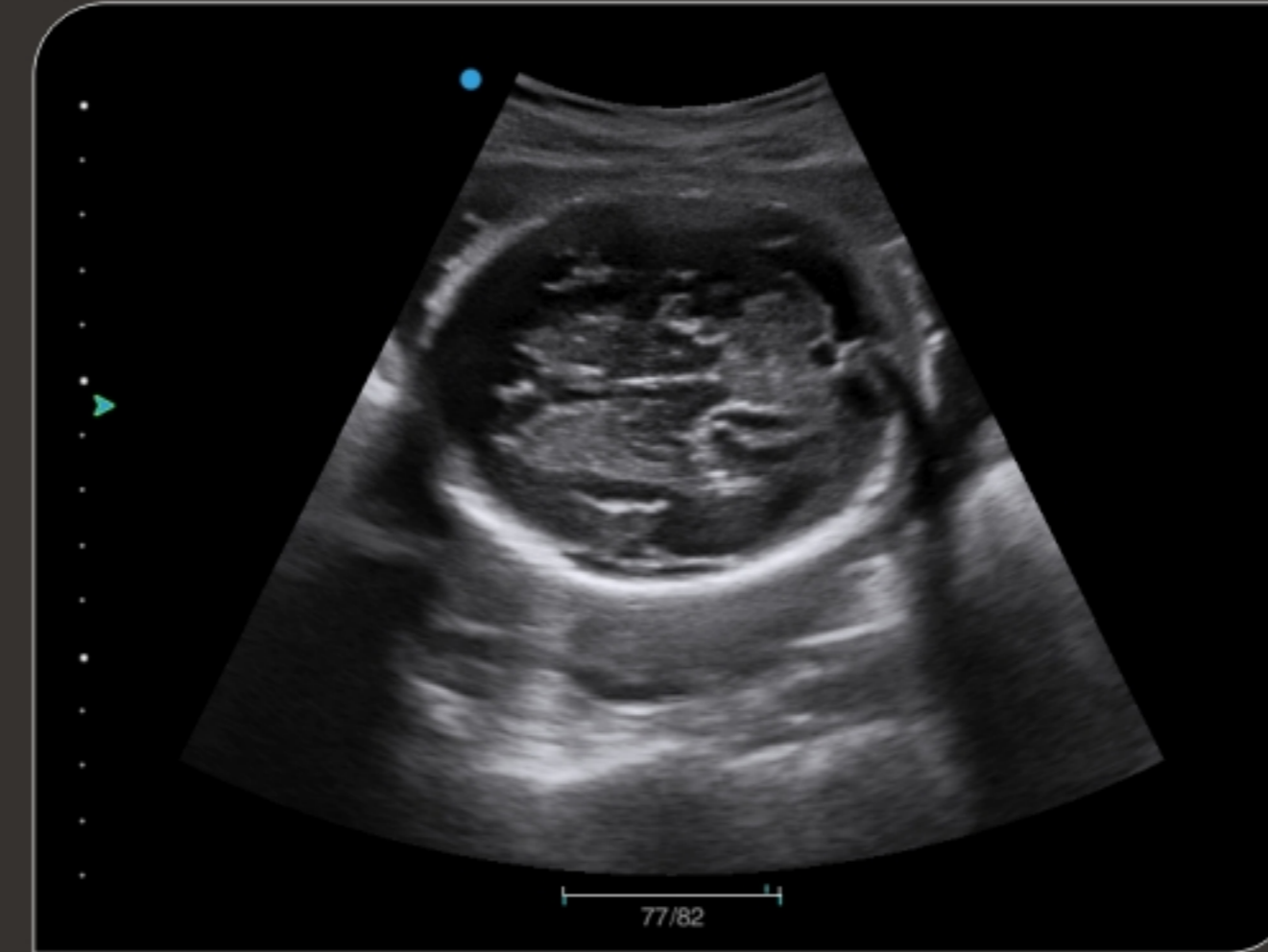
# Image Gallery



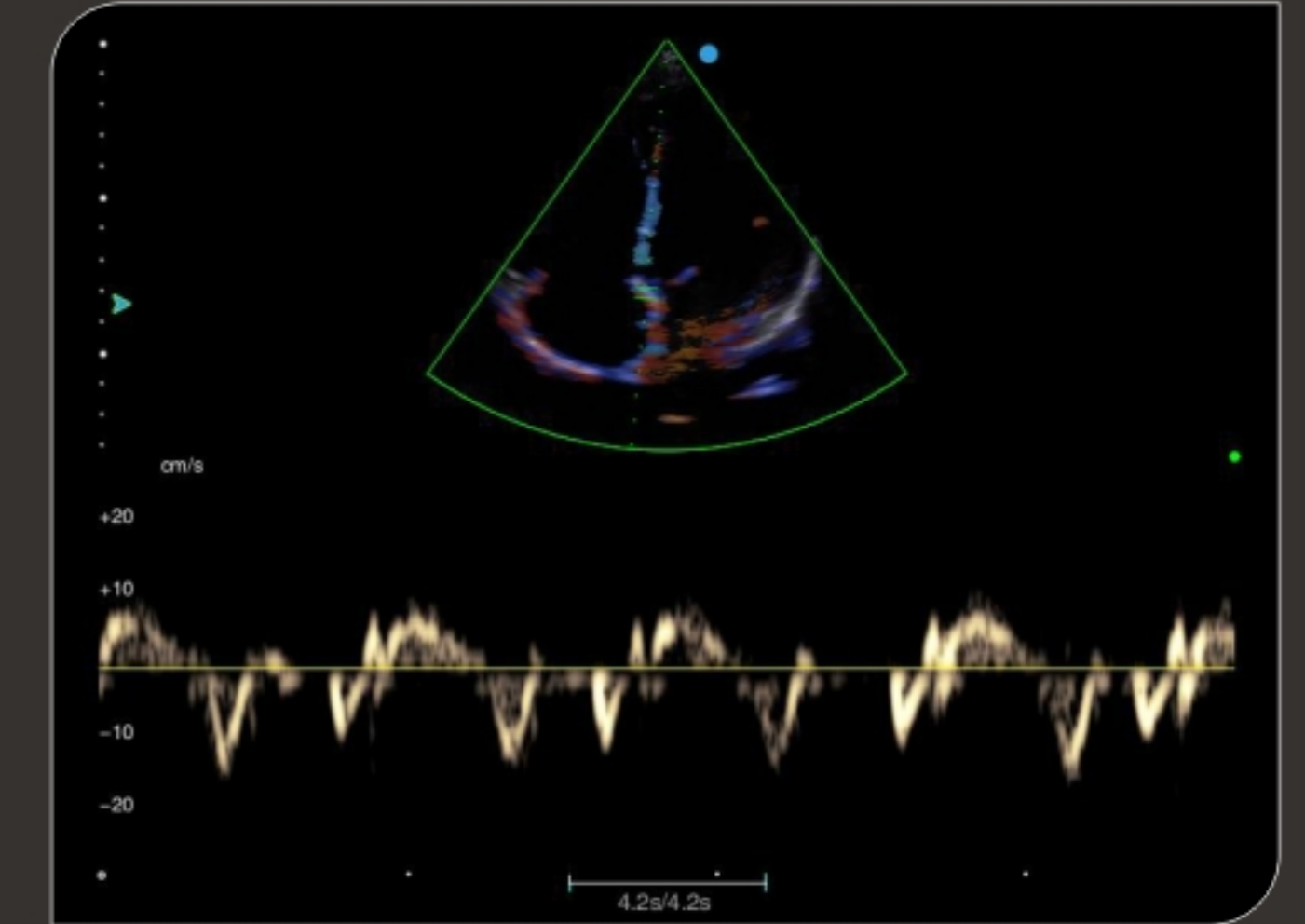
Thyroid tumor 2D mode



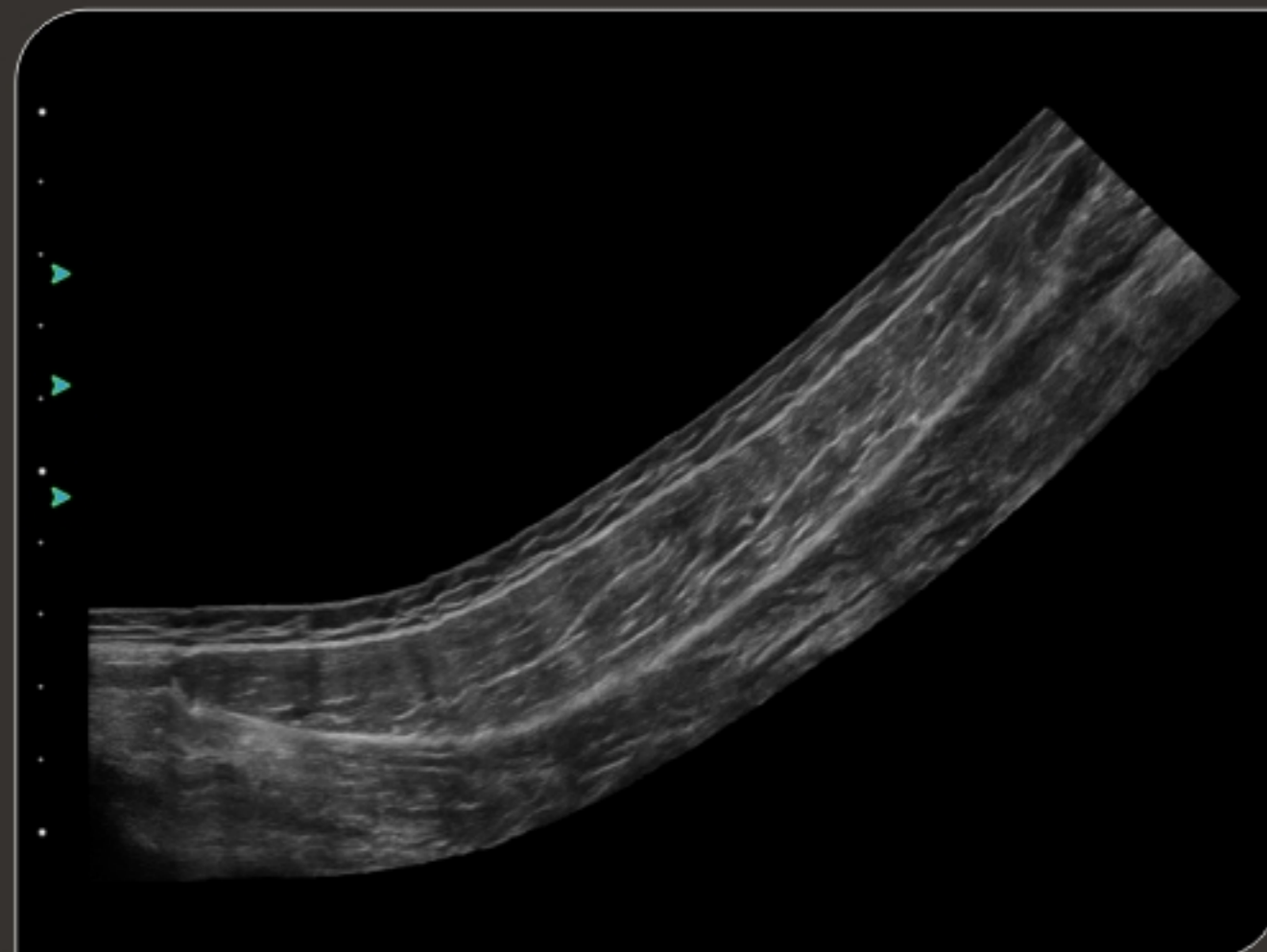
Carotid color mode



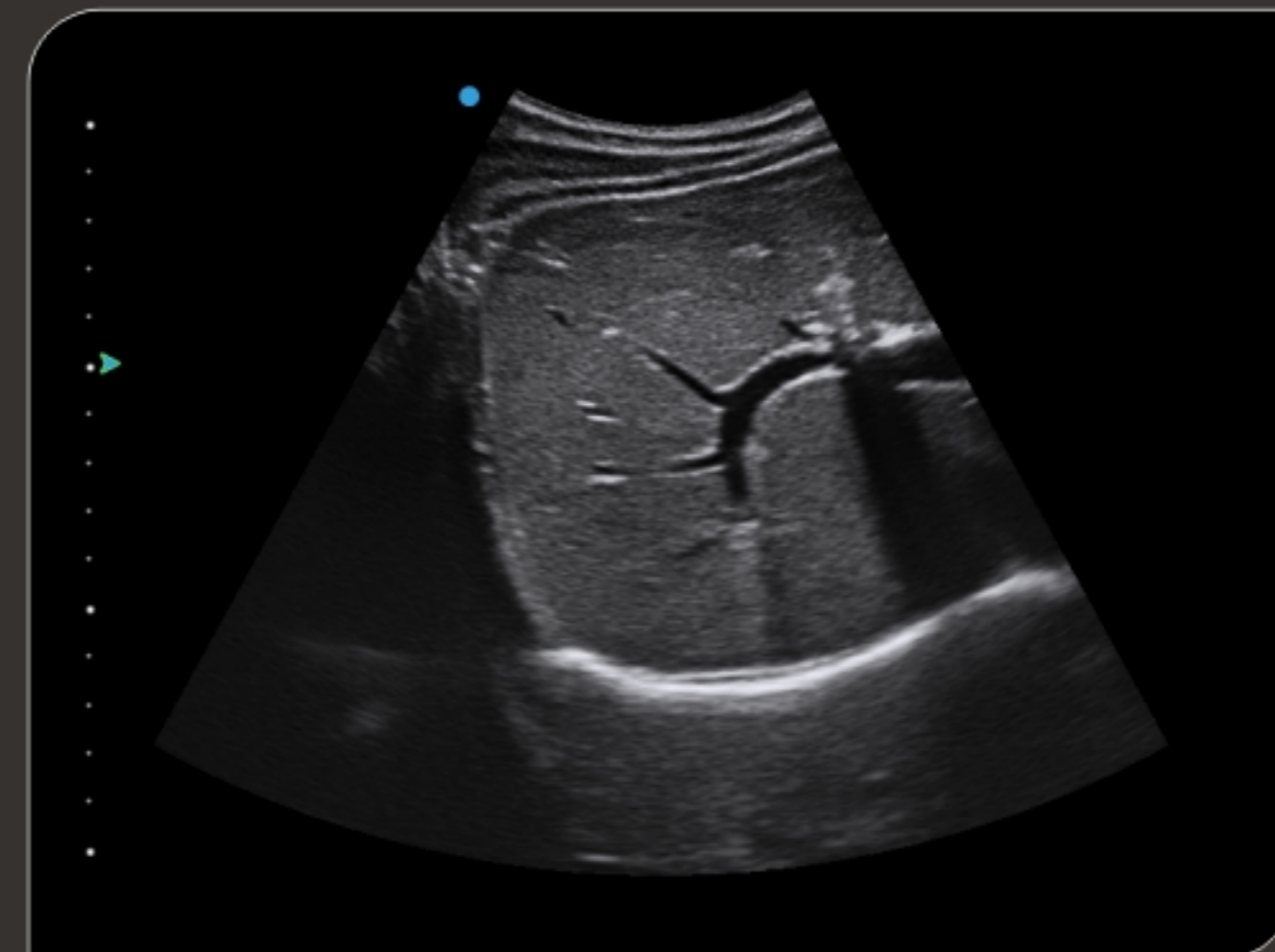
Fetal head 2D mode



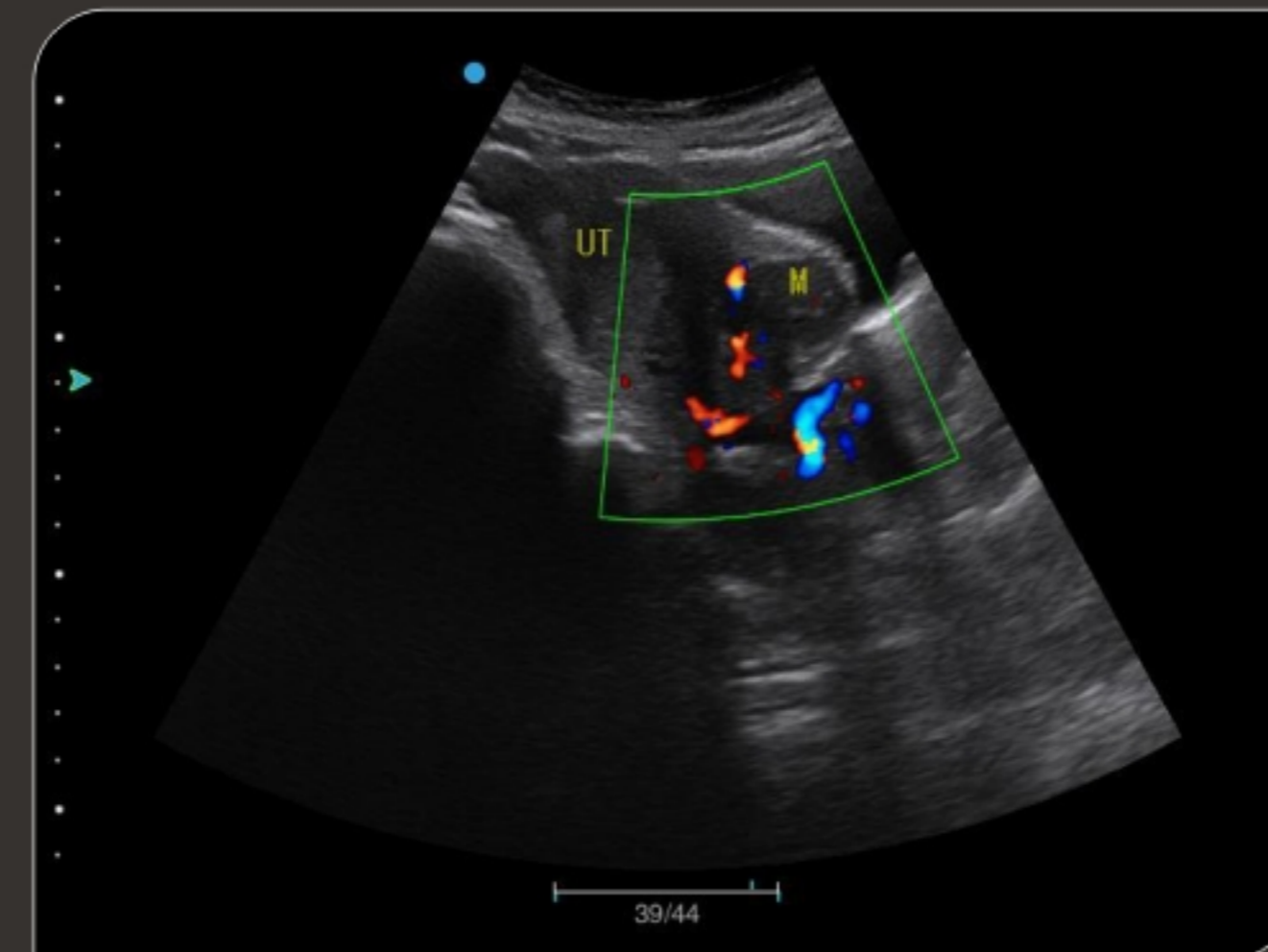
Cardiology TDI mode



Musculoskeletal Panoscope



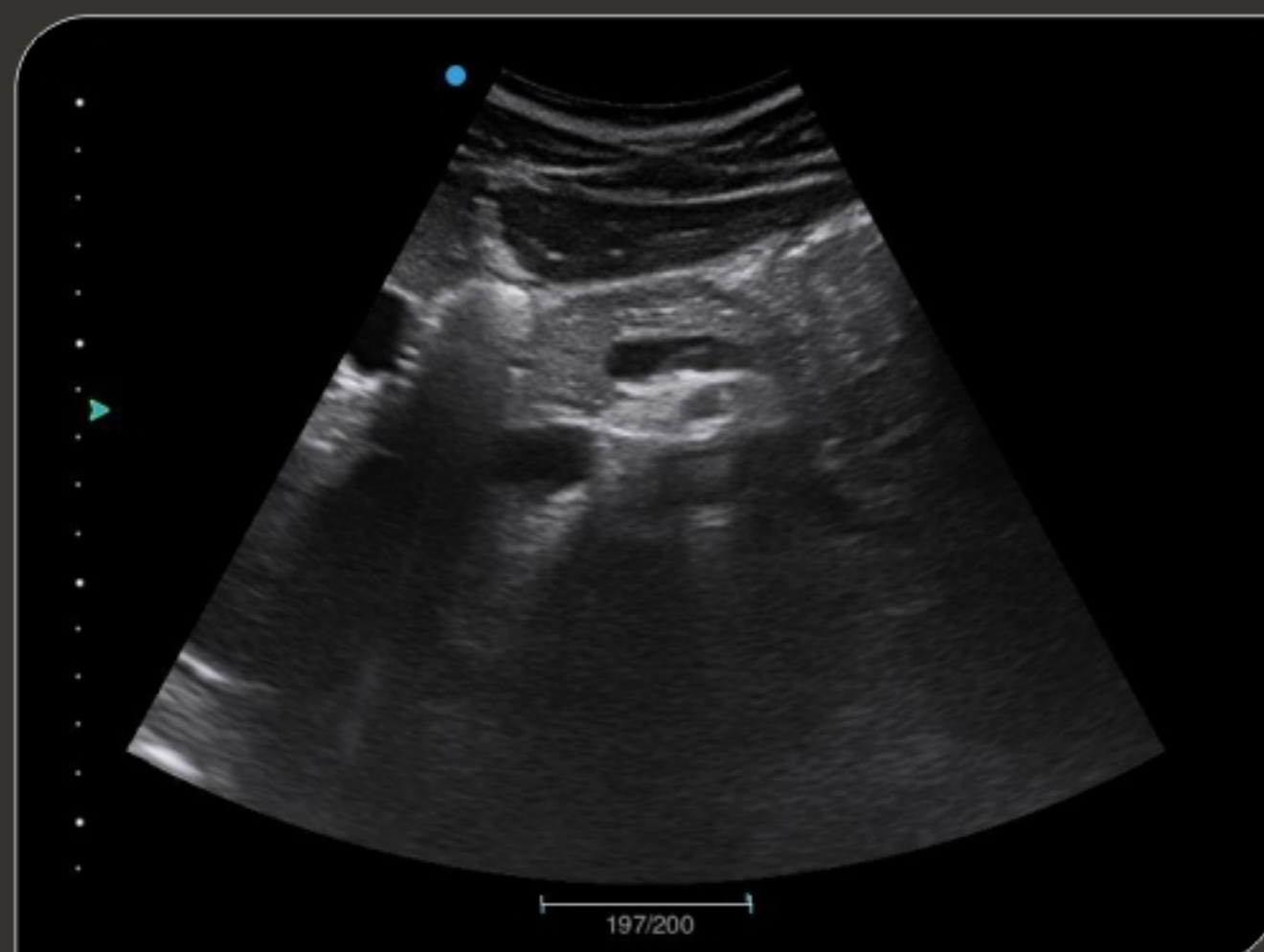
Liver 2D mode



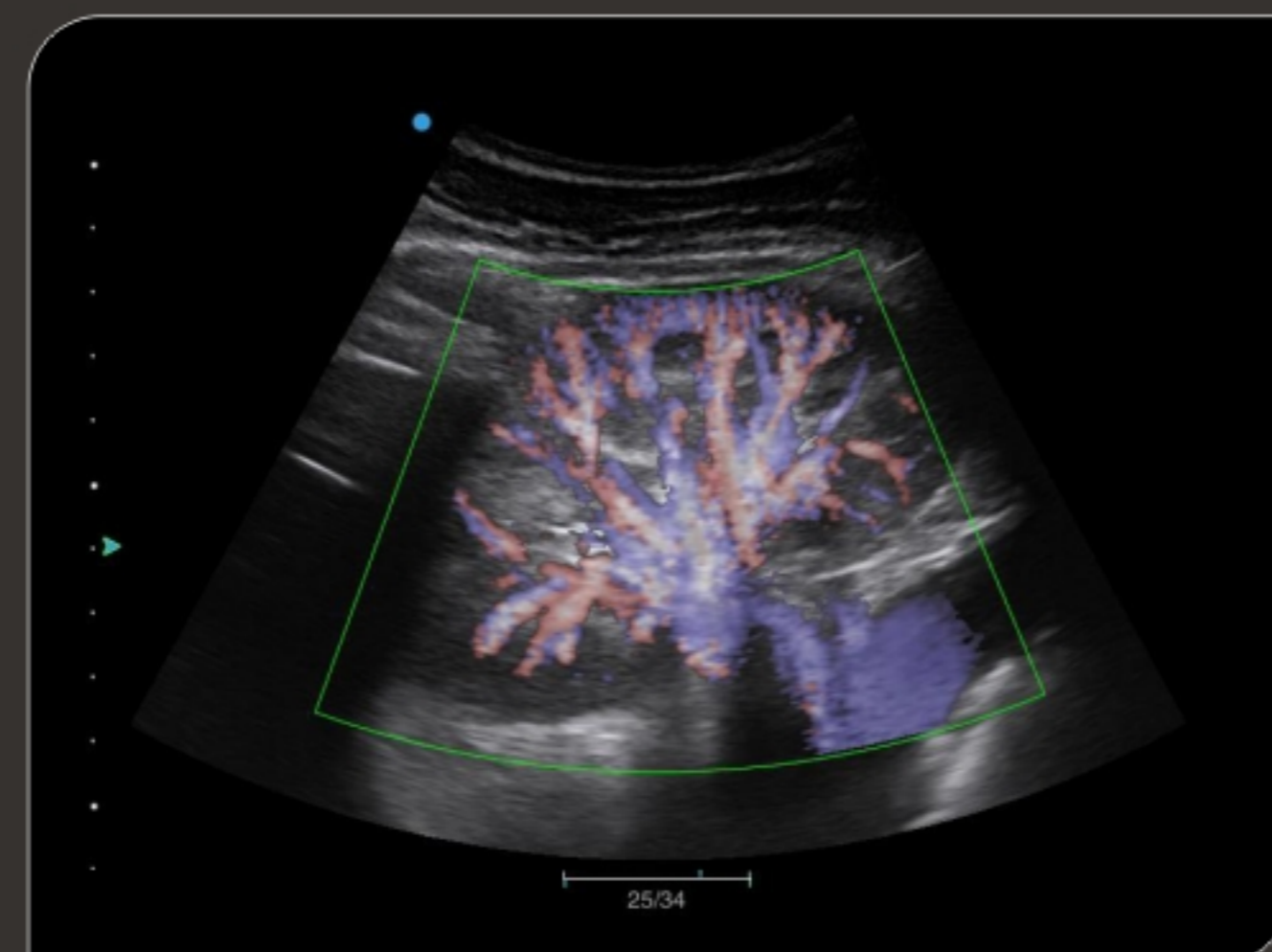
Hysteromyoma 2D mode



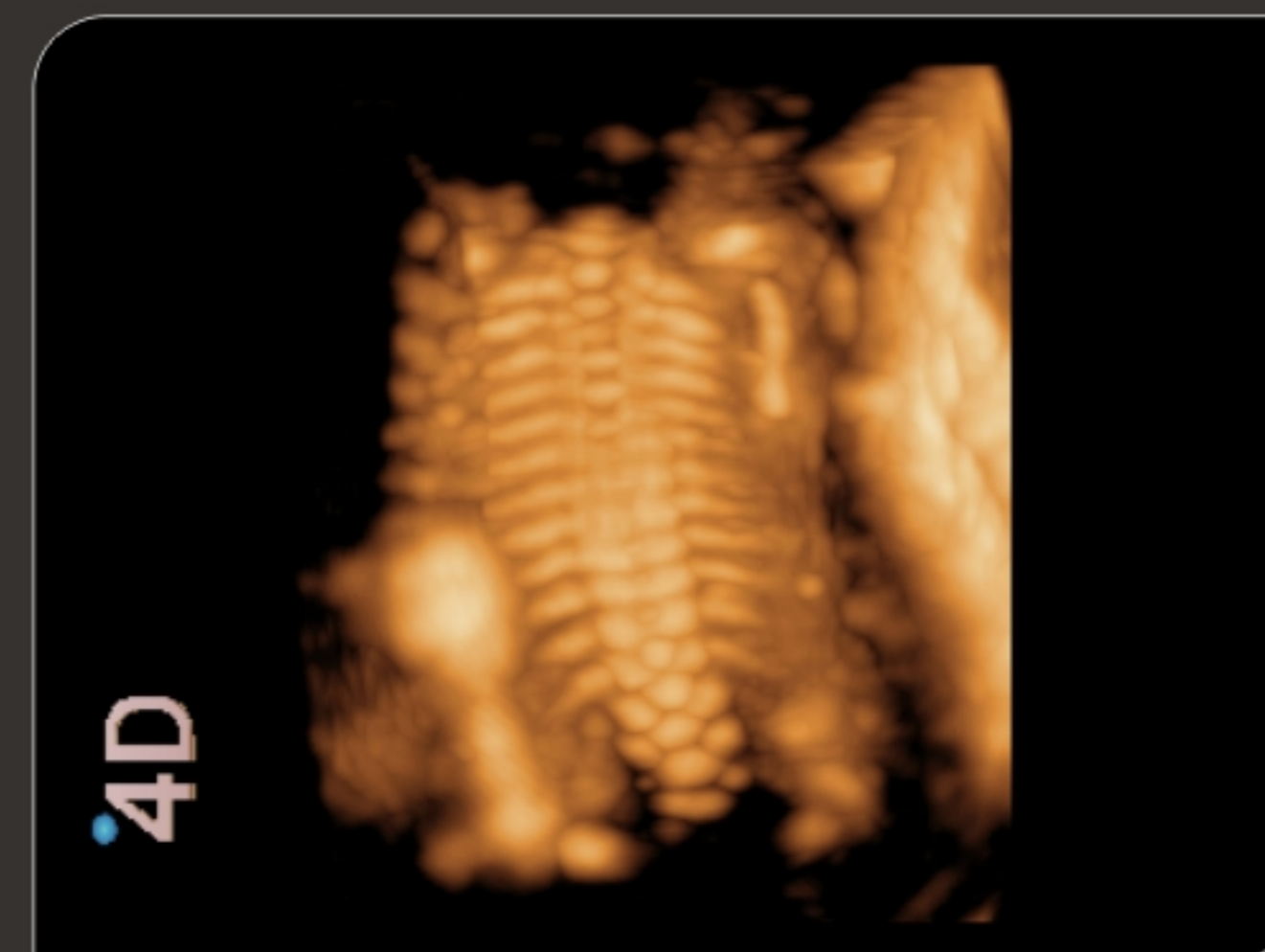
Fetal face 4D mode



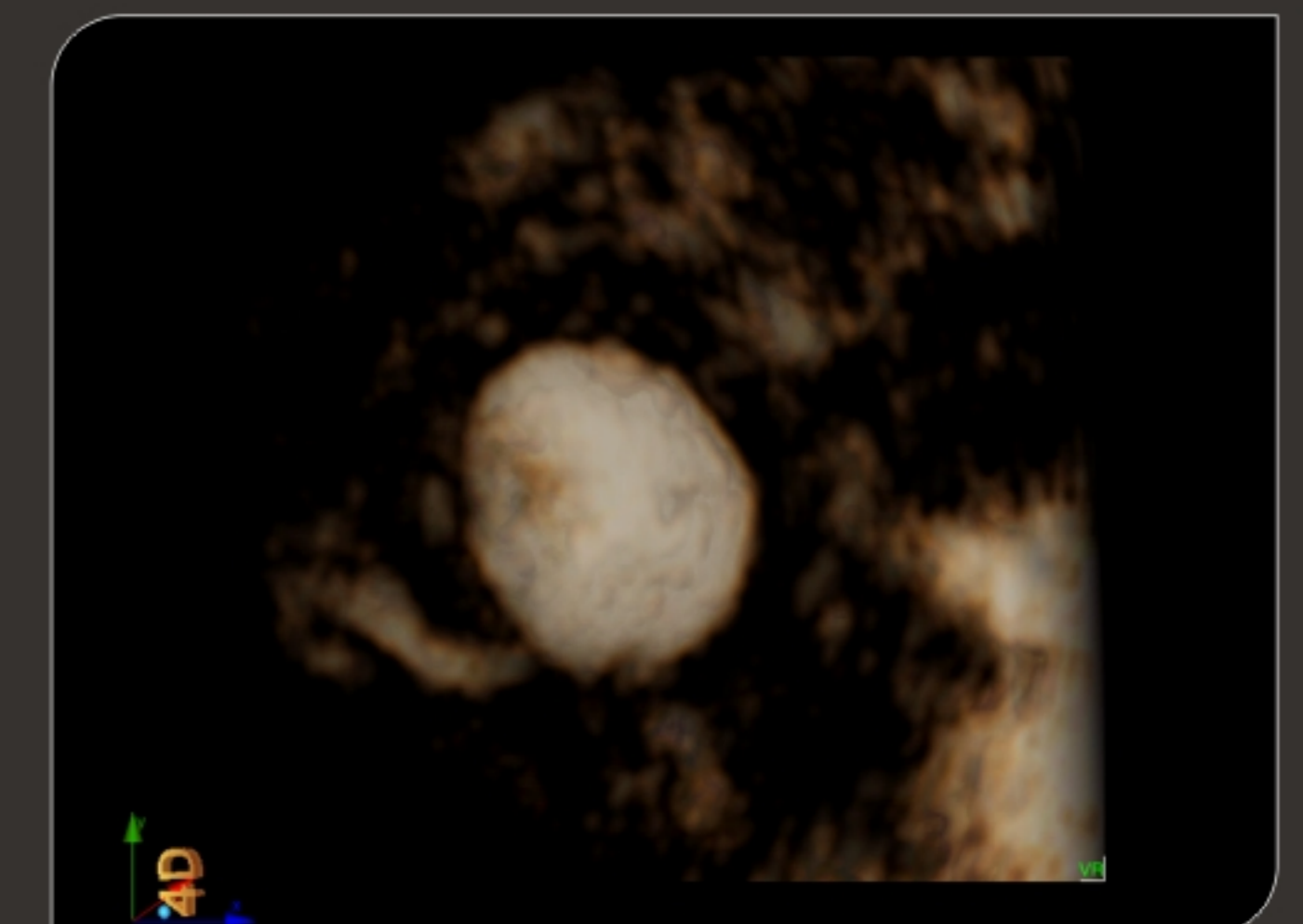
Pancreas 2D mode



Kidney VS flow



Fetal spine 4D mode



Endometrial polyp 4D mode