

See the future
SIUI

Touch
Apogee 1200

COMPLETE APPLICATION SOLUTION
WITH COMPACT DESIGN



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Apogee 1200Touch/8B01

MARVELOUS IMAGING TECHNOLOGY

Based on latest image processing technologies developed by SIUI's R&D team, Apogee 1200 Touch boosts confidence of medical users in application of abdomen, OB&GYN, small parts, cardiology, vascular, pediatrics, musculoskeletal and so on.

◎ MFI

With the MFI technology, Apogee 1200 Touch 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.

◎ Wideband-beam Emission Technology

With weighted focus's help to transmit wide and equal beams, this technology largely eliminates artifacts and guarantees high resolution in both near and far fields of B mode.

◎ Nanoview

The technology assists to reduce noise and artifacts, purify tissue shading and edging, improve contrast resolution and identify early tissue/structure lesion.

◎ XBeam

The technology helps to ease echo artifacts and improve spatial resolution by scanning the target with multi-direction beam-forming.

◎ Fusion THI

By overcoming the general harmonic imaging frequency band limitation, this technology enhances harmonic signals to obtain purified tissue harmonic imaging, resulting in crystal clear images to achieve better observation.

◎ VS-Flow (Optional)

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

Compactness and Versatility Make Apogee 1200 Touch an Ultrasound System beyond Your Imagination

Integrated with compact design and latest imaging technology, versatile Apogee 1200 Touch, with 15-inch medical HD LCD, was born to meet various challenges of ultrasound exams.



VERSATILE ULTRASOUND CLINICAL SOLUTION

◎Smart Elastography for Breast Exam

The system supports linear probes with elastographic images to visualize stiffness of tissues in real time by delivering an external compression on the tissues. With smart Elastography developed by SIUI, malignant and benign lesions can be detected easily by different color codes in Elastography mode and the doctors can feel more convinced in early detection of breast cancer.

◎4D Pro

The system brings you the amazing 4D experience in OB/GYN exams.

- Multiple Volumetric Probe Option: The system supports resolution priority convex volumetric probe and transvaginal volumetric probe.
- Multiple 4D Imaging Mode: Surface mode, Max mode, X ray mode, Negative mode.
- Preset 4D Exam Mode: Fetal, Ossature, Tumor, Cavum, Endometrium and Vessels.
- nSlice: Presenting multi-sections of the 4D object from different angles by rotating to find the needed section quickly.
- Q-Cut: By trimming the irregular images to present the target area more clearly, greatly improves diagnostic efficiency.



◎Panoscope (LIVE Panoramic Imaging)

Extending wider view for scanning large area tissue, the system particularly allows doctors to monitor scanning quality via simultaneous display of B mode/ Panoramic mode. In addition, this outstanding function provides post-processing mode which helps get ideal panoramic images.

◎Auto IMT (Intima-Media Thickness) Measurement

The system has the function of automatically measuring Intima-Media Thickness of carotid artery wall, so as to evaluate cardiovascular diseases such as hypertension diabetes.

◎Continuous Wave Doppler for cardiovascular solution

◎Tissue Doppler Image (Optional)

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.

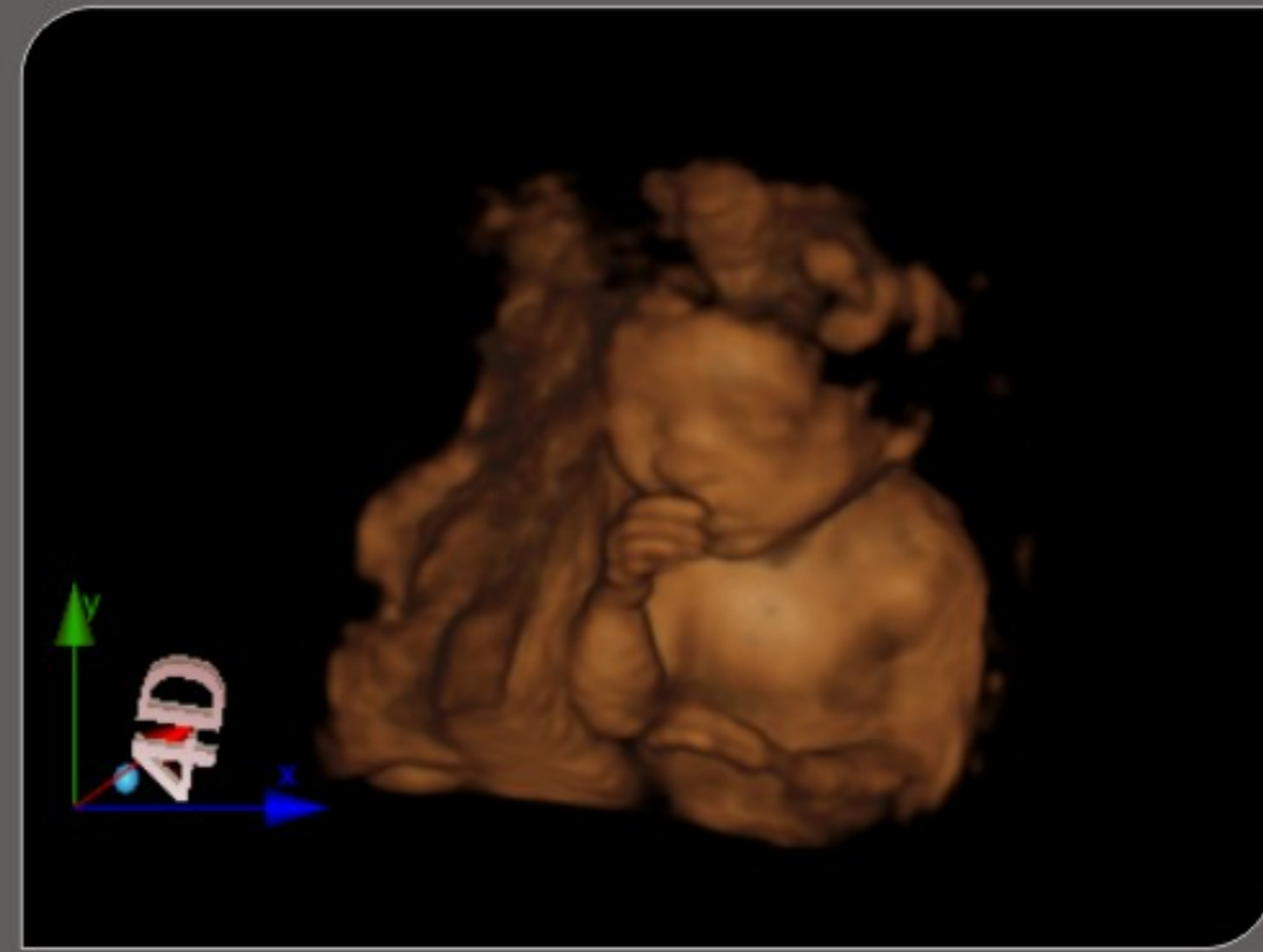
◎Simpson auto tracing

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).

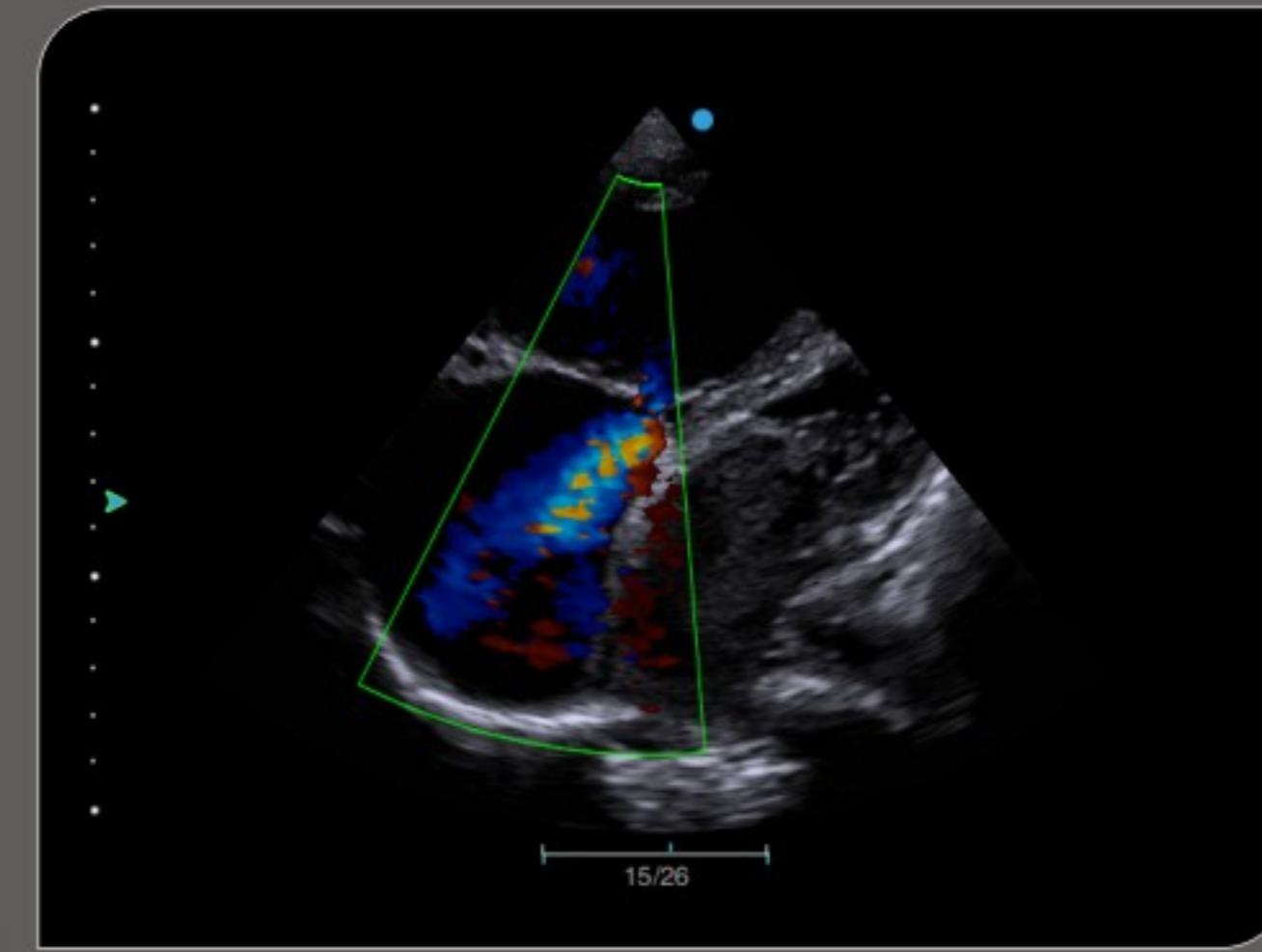
IMAGE GALLERY



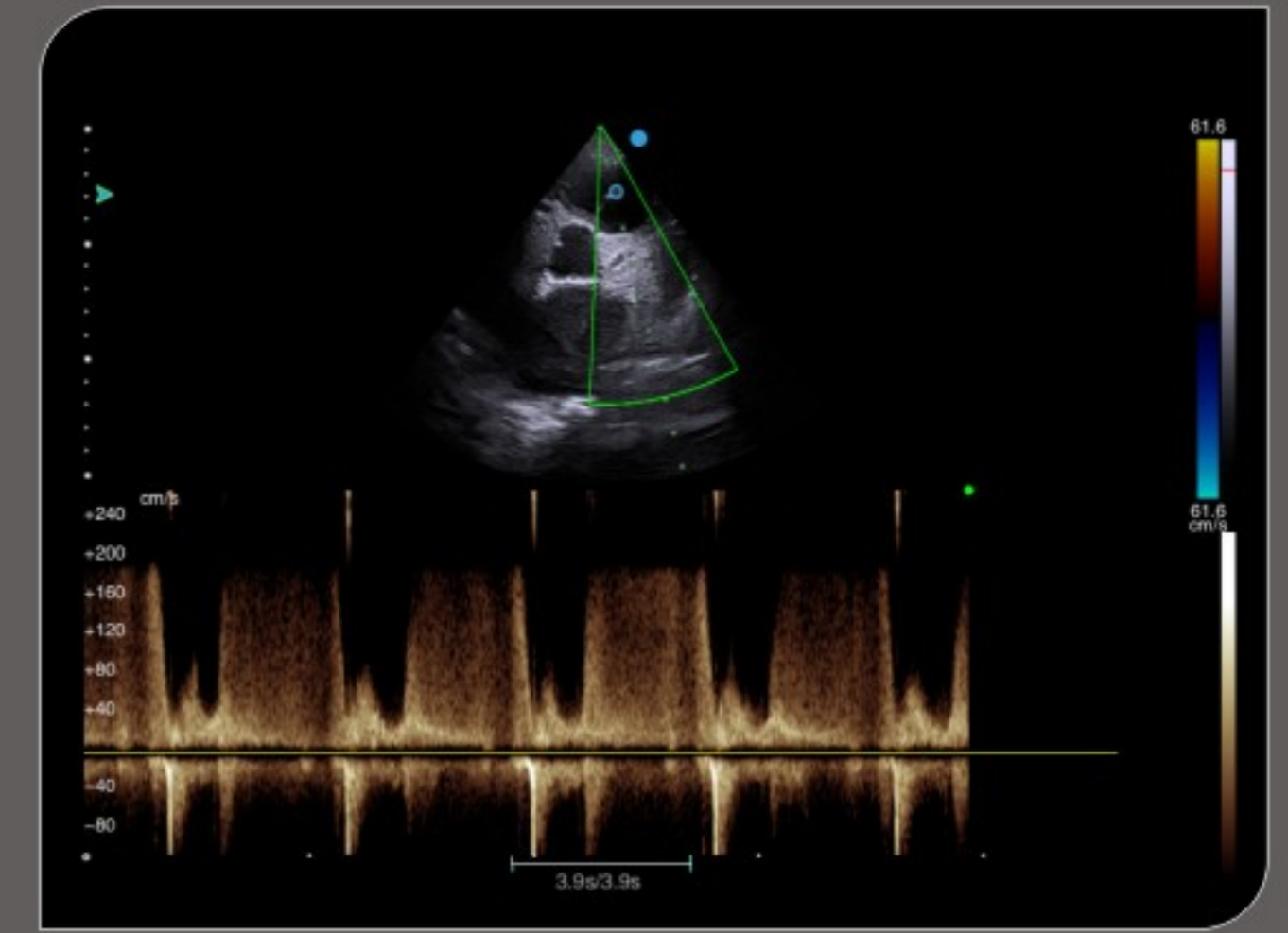
Fetal spine 4D mode



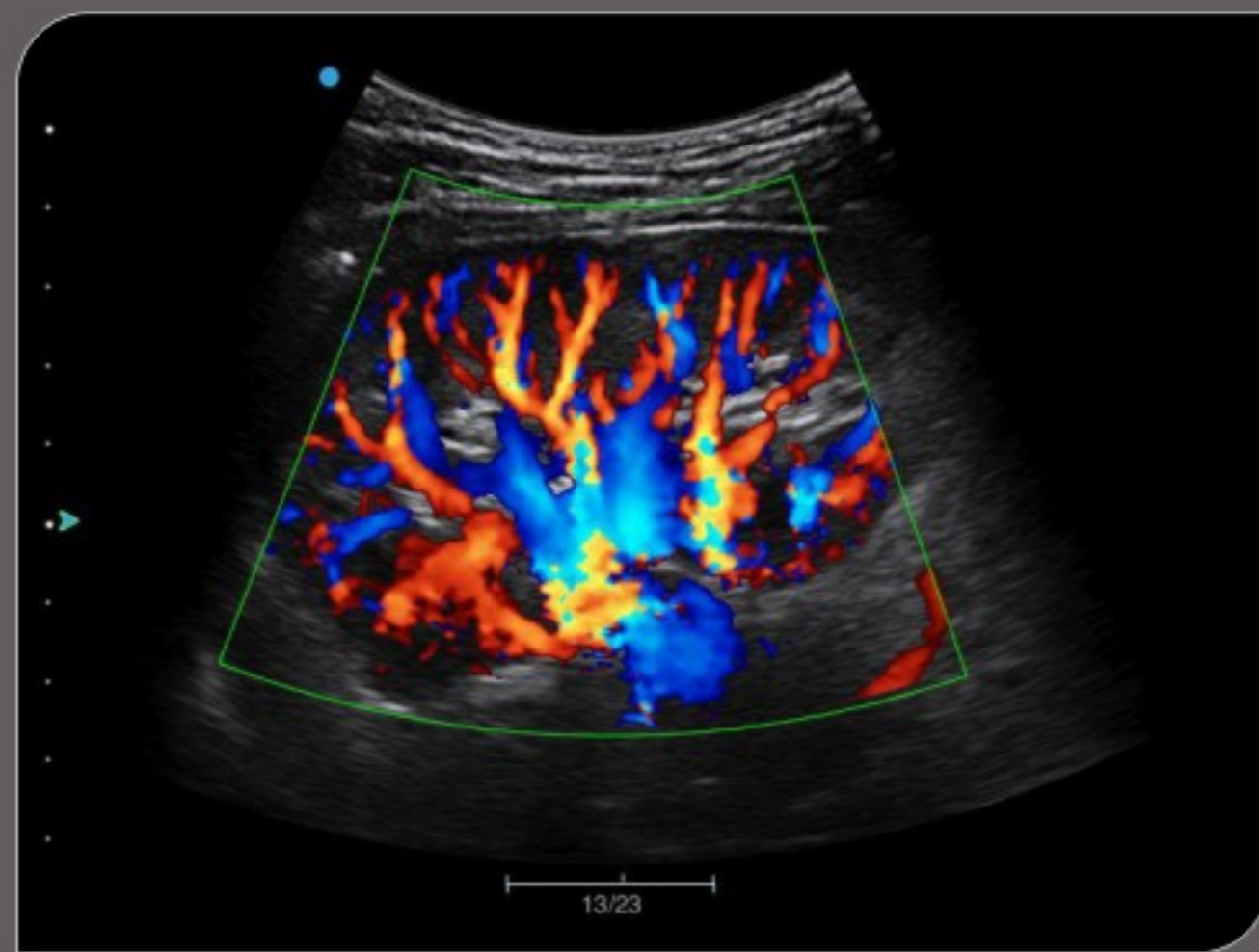
Fetal 4D mode



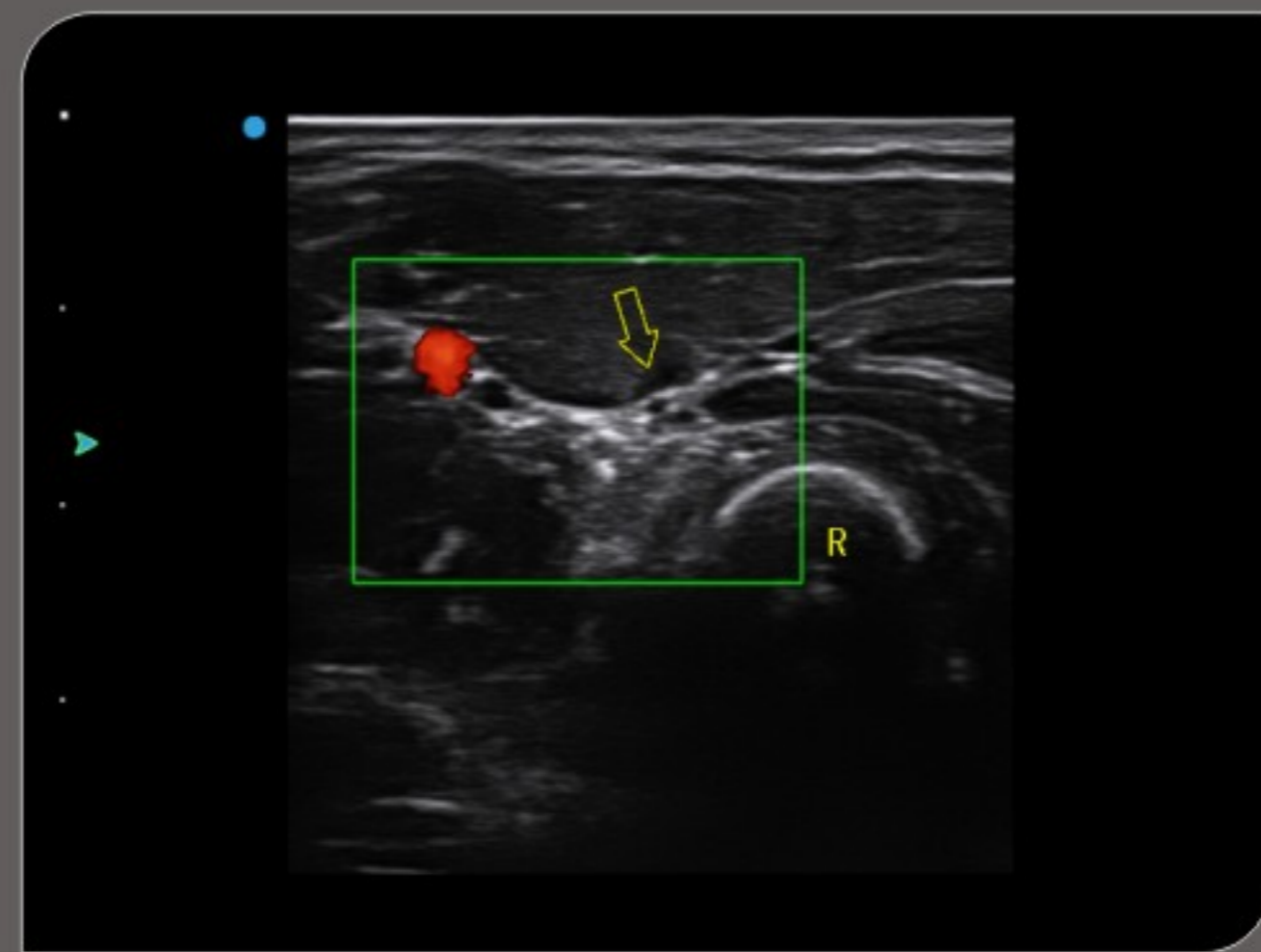
RHD color



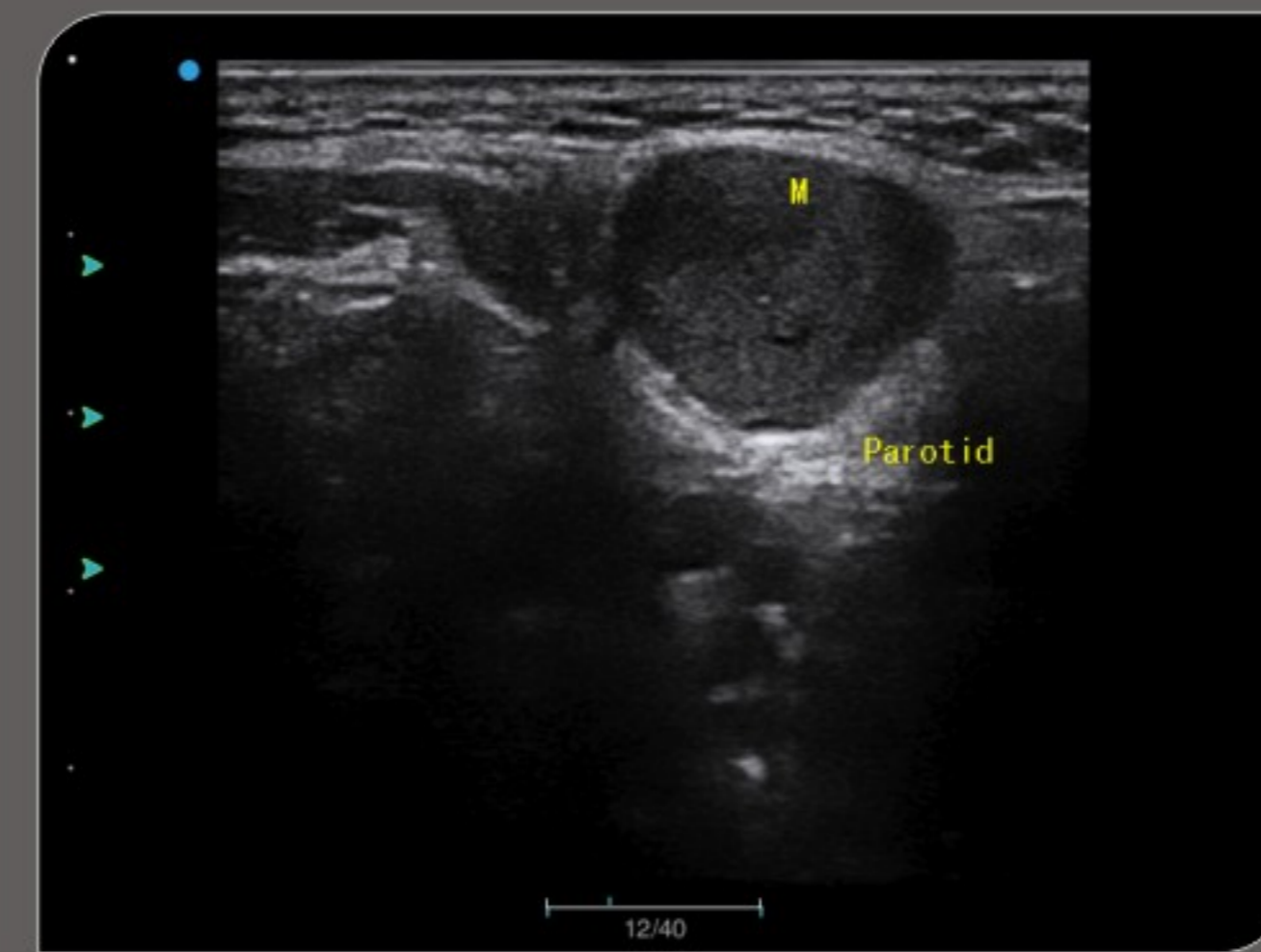
RHD CW



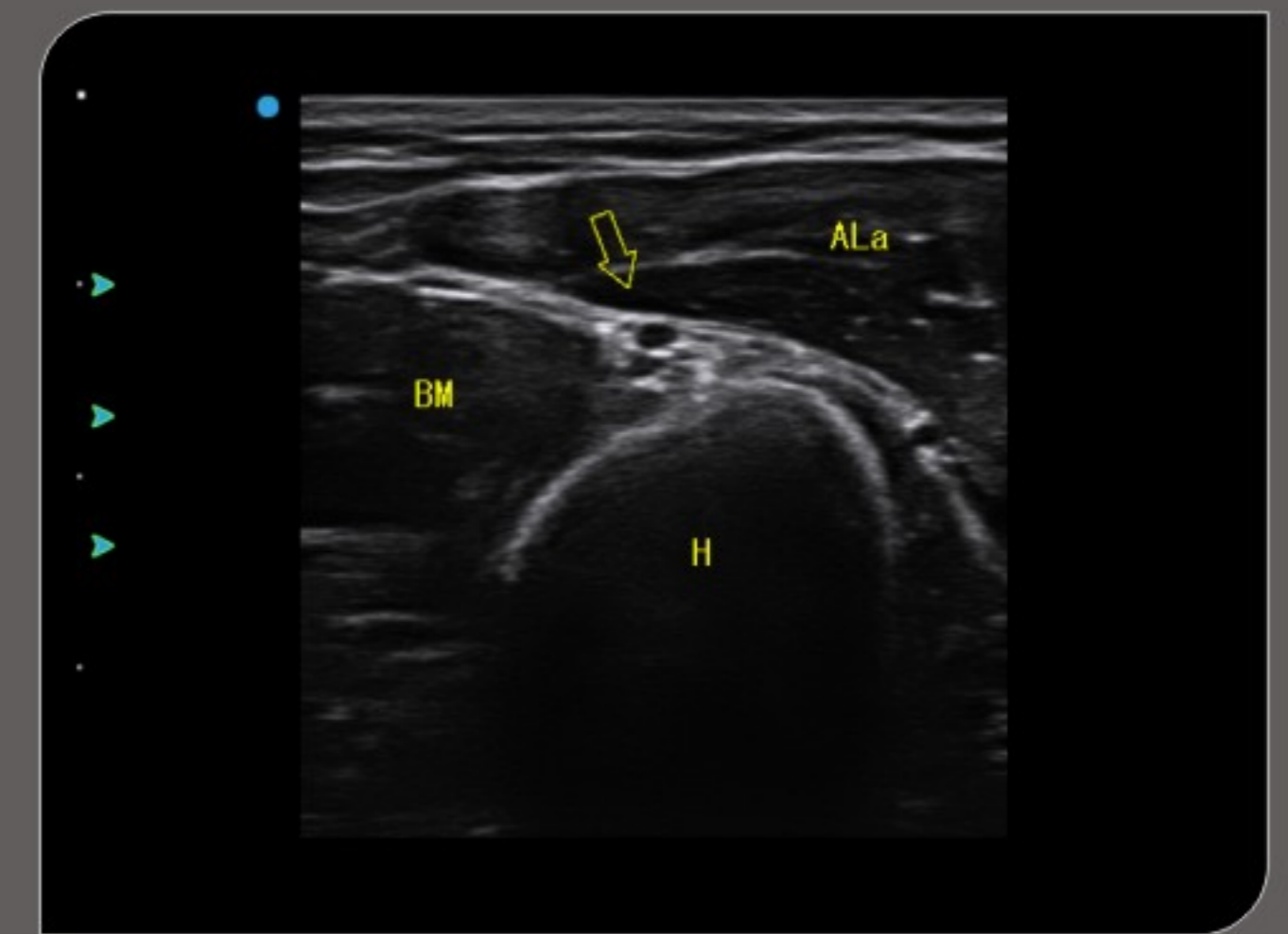
Kidney color mode



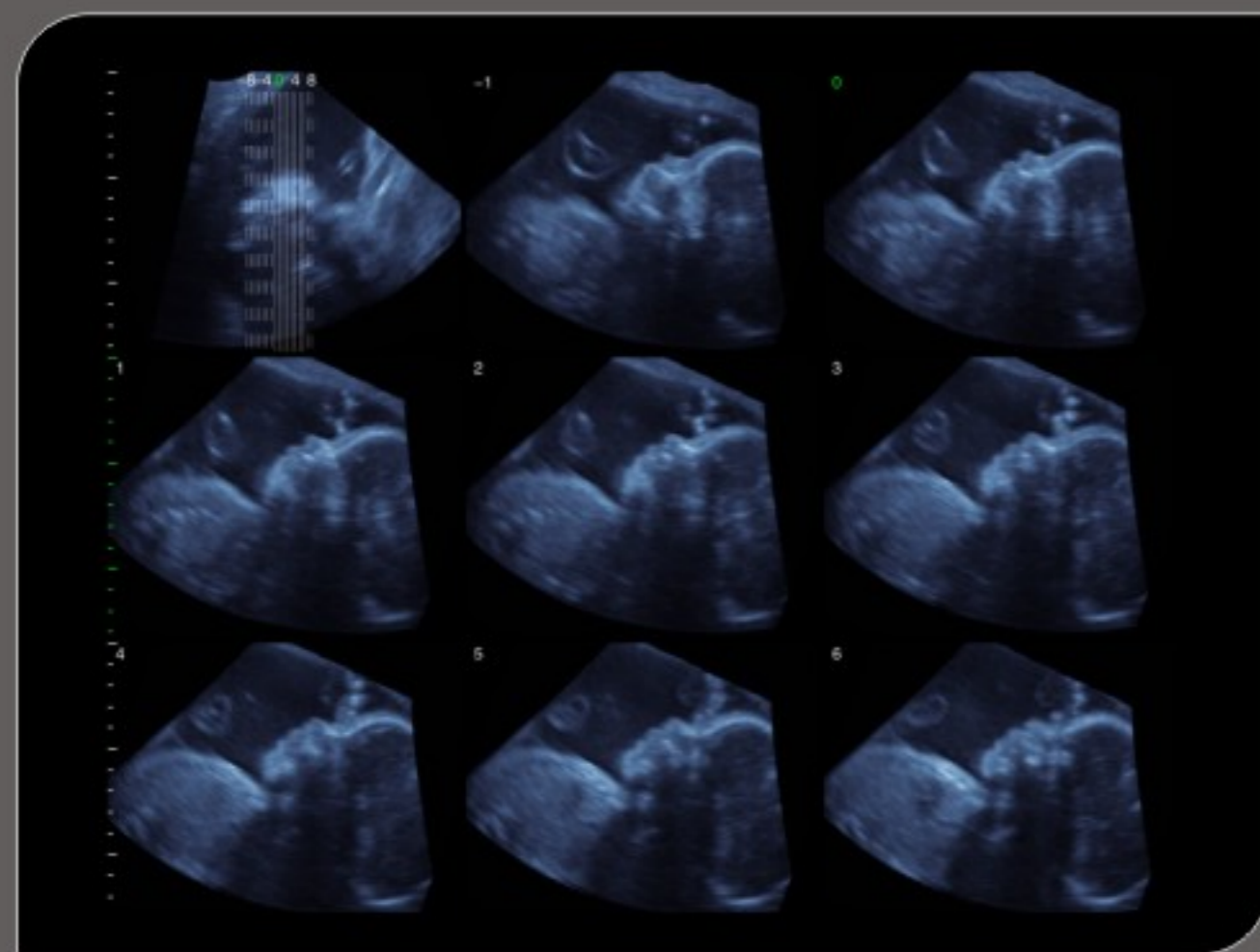
Superficial radial nerve



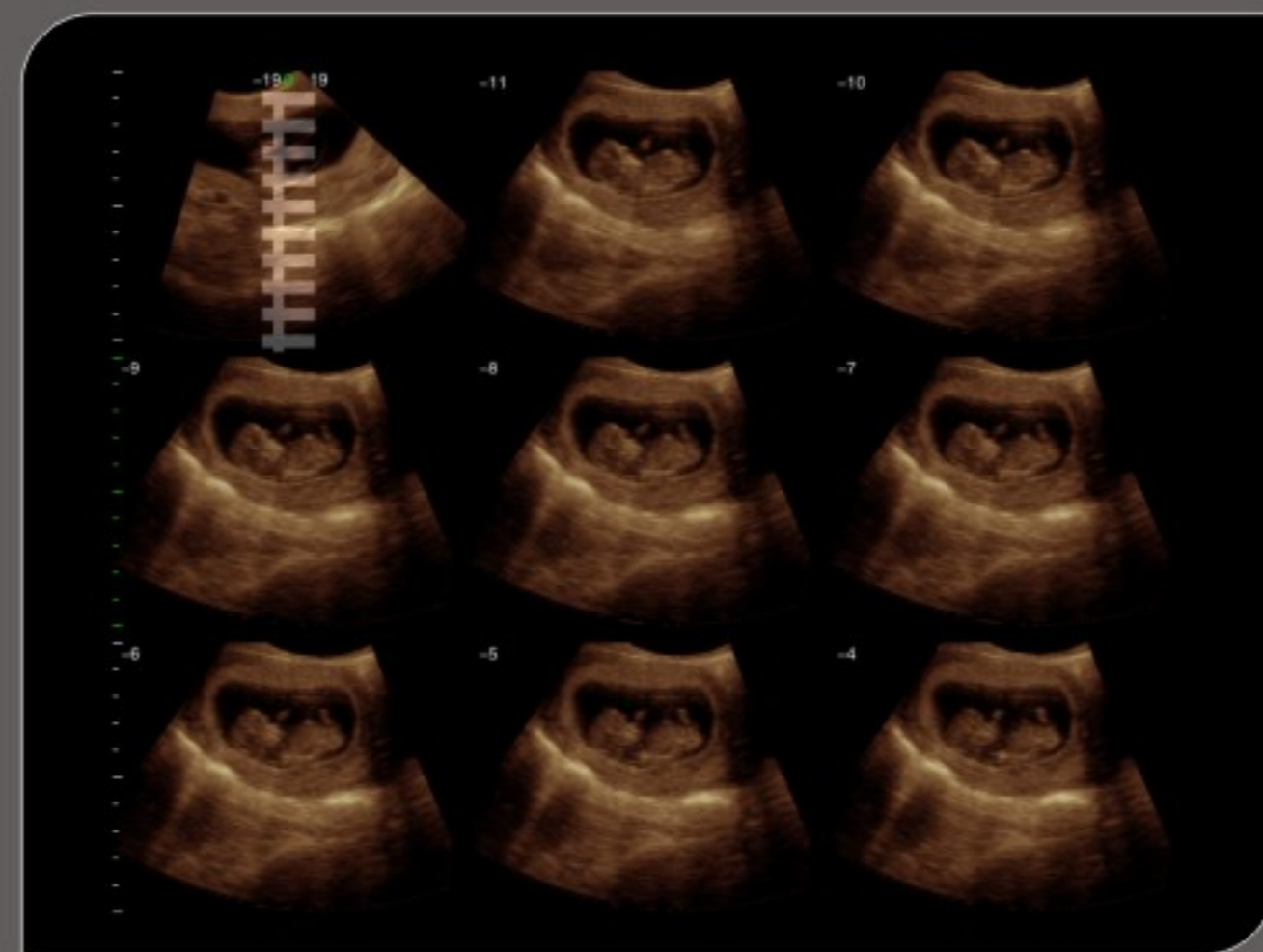
Parotid 2D mode



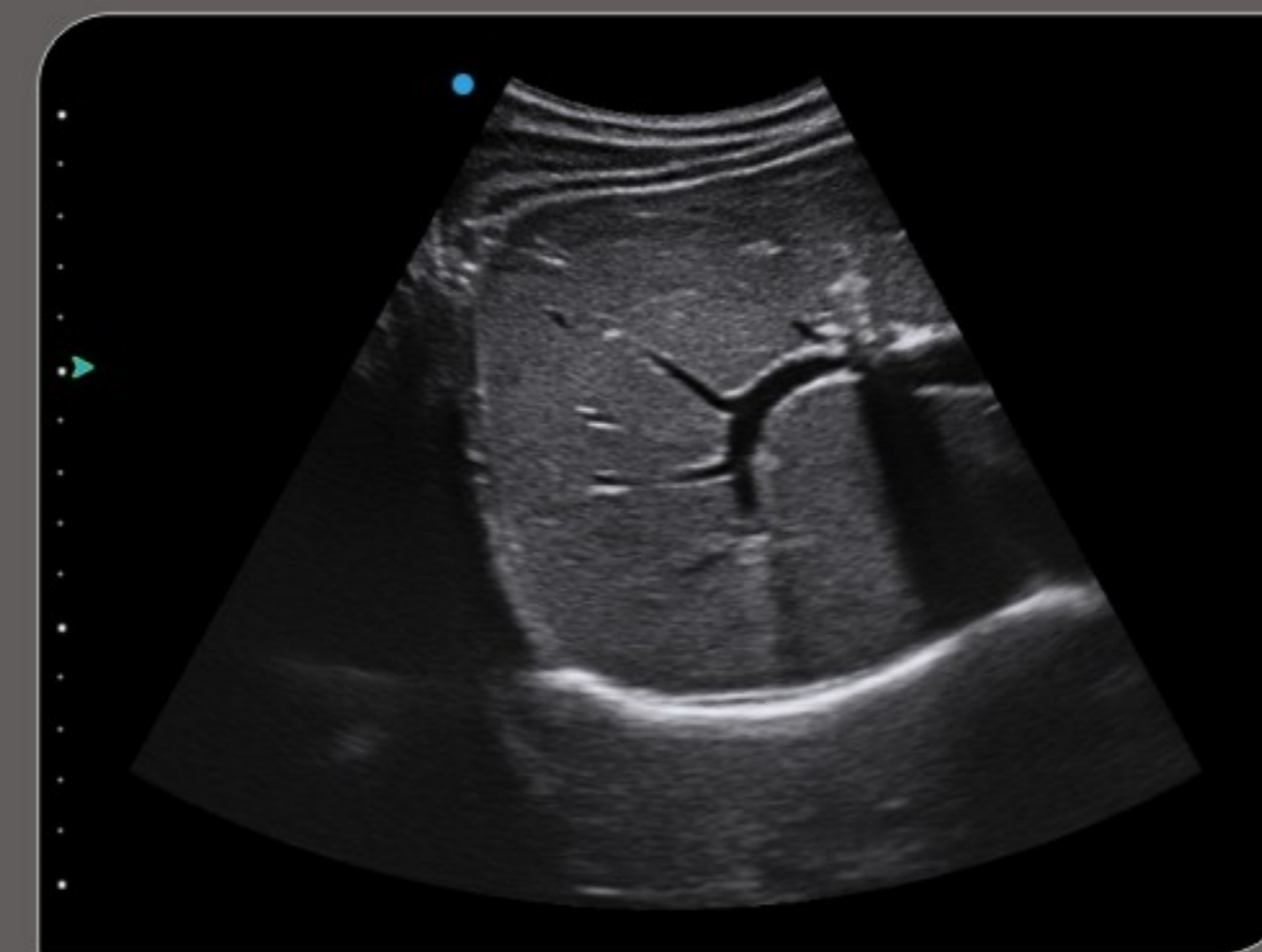
Musculospiral nerve



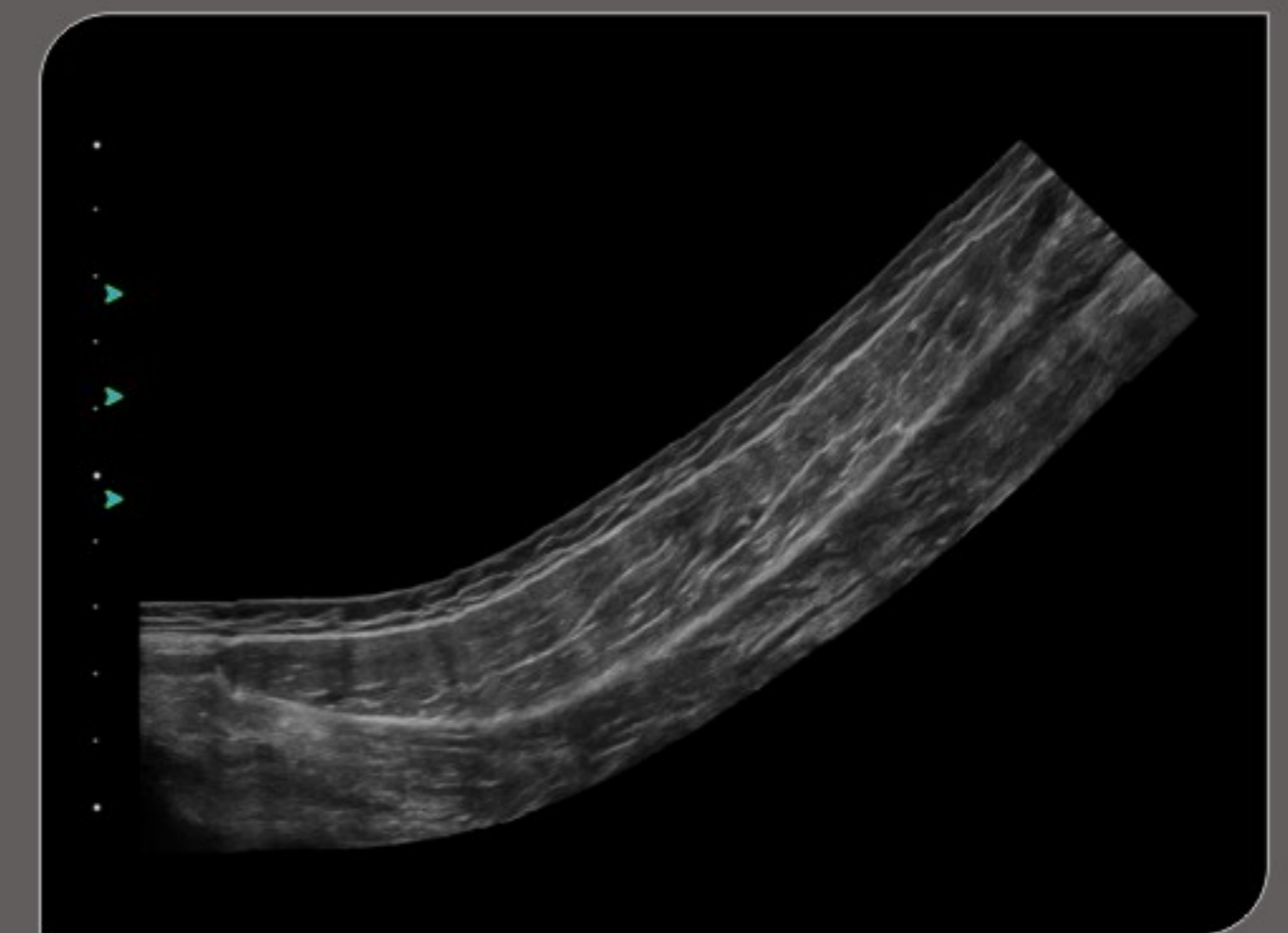
nSlice



nSlice



Liver 2D mode



MSK panoscope