Q5 VET

Compact, Affordable Color Doppler for VET

Key Benefits

➢**Ergonomic design for** learning easily, using efficiently

➢**Professional probes and software for veterinary**

➢**Abundant image mode: B, 2B,4B,C,PW,M**

➢**Advanced technologies allow excellent image quality**

➢**Wide range solutions for transfers**

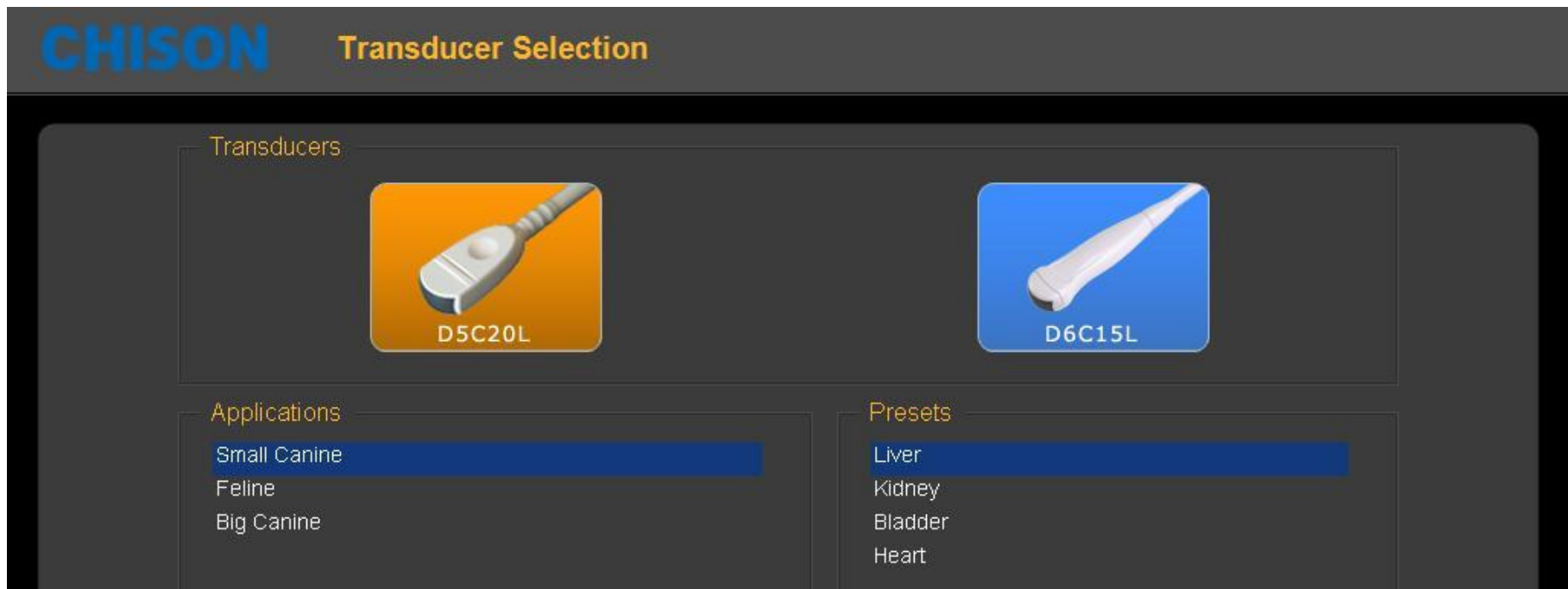# Ergonomic design for learning easily, using efficiently

•Keyboard outside

**Back-lit key indicates the key under the function;
User-friendly layout, independent function area;**

Function

Adjustment

Measure

•**User- friendly operation inside**

Full range application depend on different transducer;
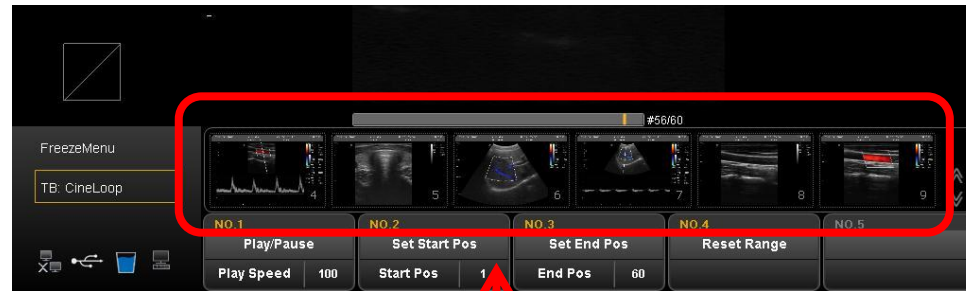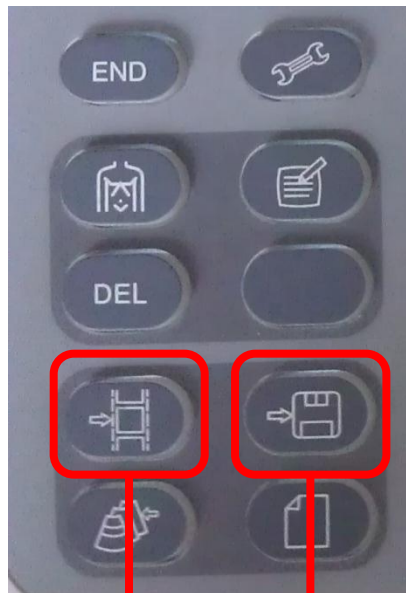**Each application owns rich presets;**

Adjustment intuitive;
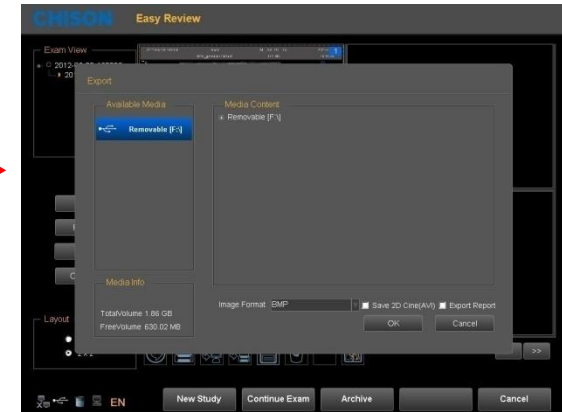**Knob and menu, one-one correspondence**
Using efficiently;

Easy to save

One key to save the image

One key to save the cine
Both can support save in real time

Easy to review

Copy to the USB

DICOM Print

DICOM Send

PC Print

Directly to demo

Streamlined work flow

➤One key to optimize the image(AIO)

➤One key to save the image

➤One key to review the image

➤One key to measure

➤One key to measure

➤One key to generate report

➤One key to print

Target Application

➤ Wide applications for VET

- Canine, Feline, Equine, Bovine, Ovine

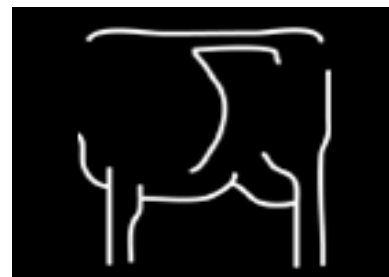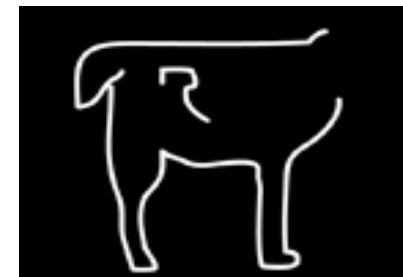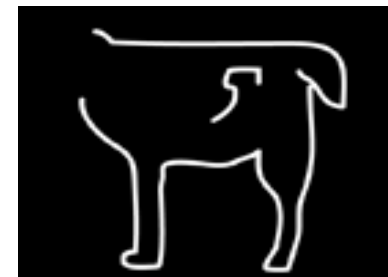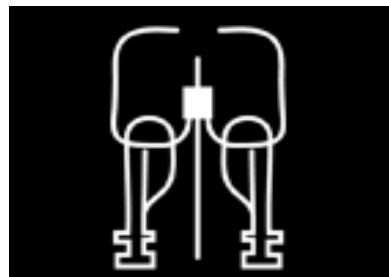- Pregnancy detection, abdomen, cardiology, small parts, tendon
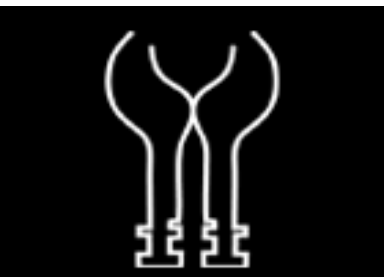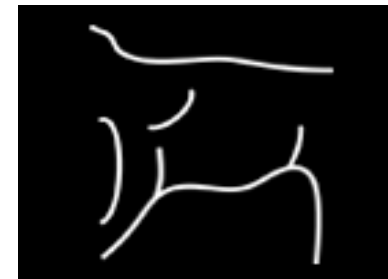
➤ Special probes for VET
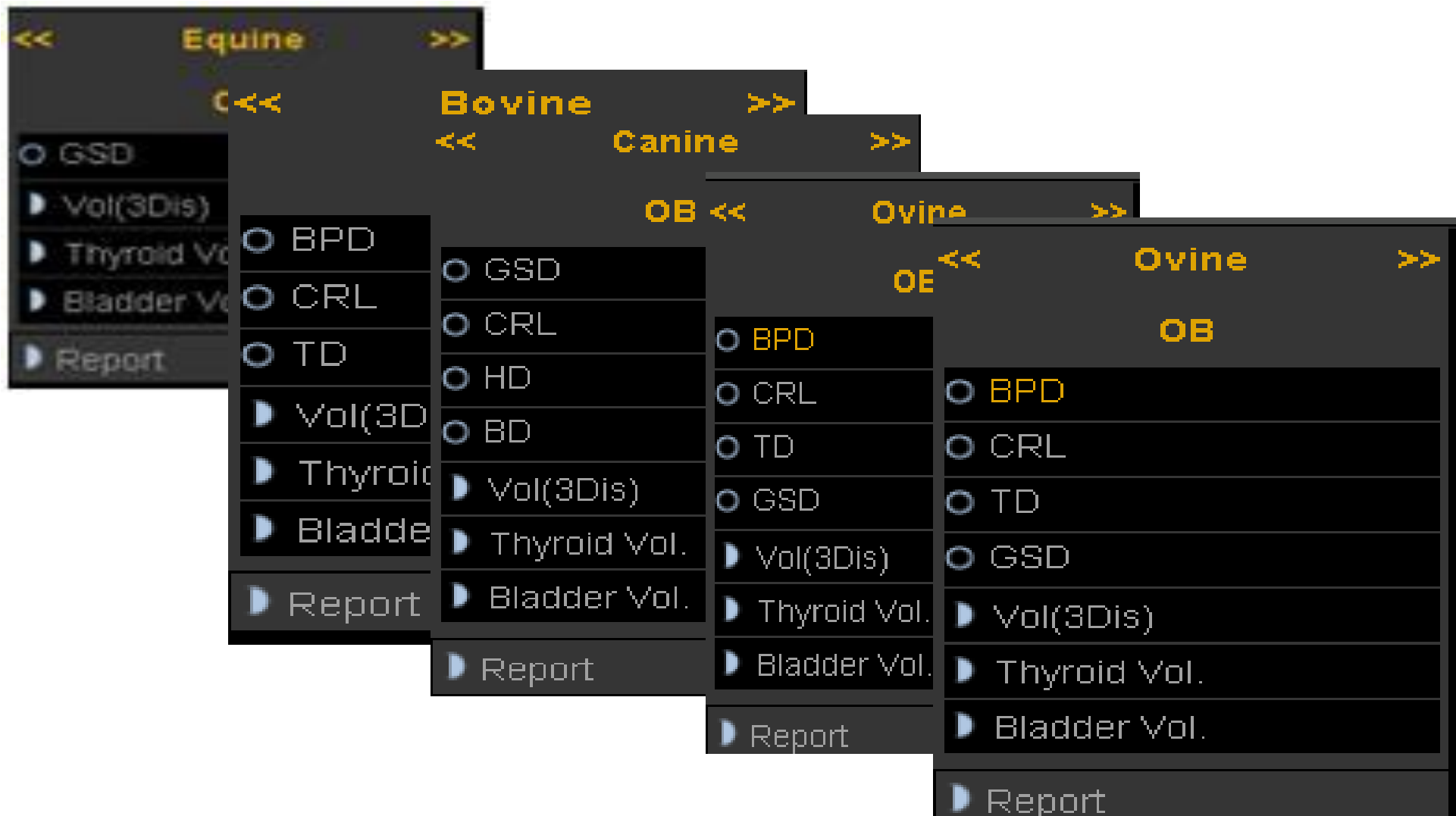
- Each probe has 5 steps multi-frequency, allow different penetration

➤ Special software for VET

Dedicated veterinary body marks

Dedicated veterinary calculation package

Professional probes and software for veterinary
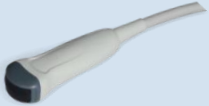
Transducer Group

D6C15L

D5C20L

D3C20L

D7L40L

D3C60L

D7L50L

CHISON

Probe	Type	Application
	D6C15L, 6.0MHz Micro-Convex	Abdomen, Cardiac, Urology, OB/GYN Small animal
	D5C20L, 5.0MHz Micro-Convex	Abdomen, Cardiac, Urology, OB/GYN Small animal
	D3C20L, 3.0MHz Micro-Convex	Abdomen, Cardiac, Urology, OB/GYN Up to 35kg Animal
	D7L50L, 7.5MHz Linear Rectal	Reproduction, OB/GY, large animal Higher frequency, up to 9.0MHz, probe length: 50mm
	D7L40L, 7.5MHz Linear	Small parts, vascular, tendon Small animal and large animal
	D3C60L, 3.5MHz Convex	Abdomen, Large animal

Special Transducer --- D6C15L

➢**Smaller footprint , easy to target whole body**

➢**Ergonomic design, release from scanning fatigue**

➢**Higher frequency, up to 10.7MHz, obtain near filed image**

➢**Lower weight, easy to carry, easy to scan**

Special Transducer --- D7L50L

➢**Long cable, 3.0m: keep the system safe from the animal**

➢**Double coating : protect the cable for long use**

➢**Higher frequency , excellent for good resolution**

➢**Black color, easy to keep clean**

Wide range solutions for transfer

Television Port
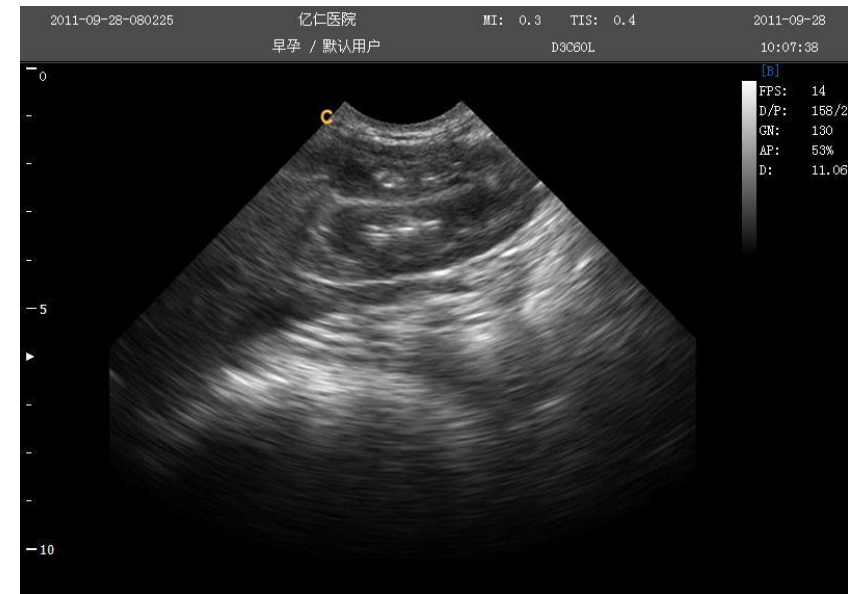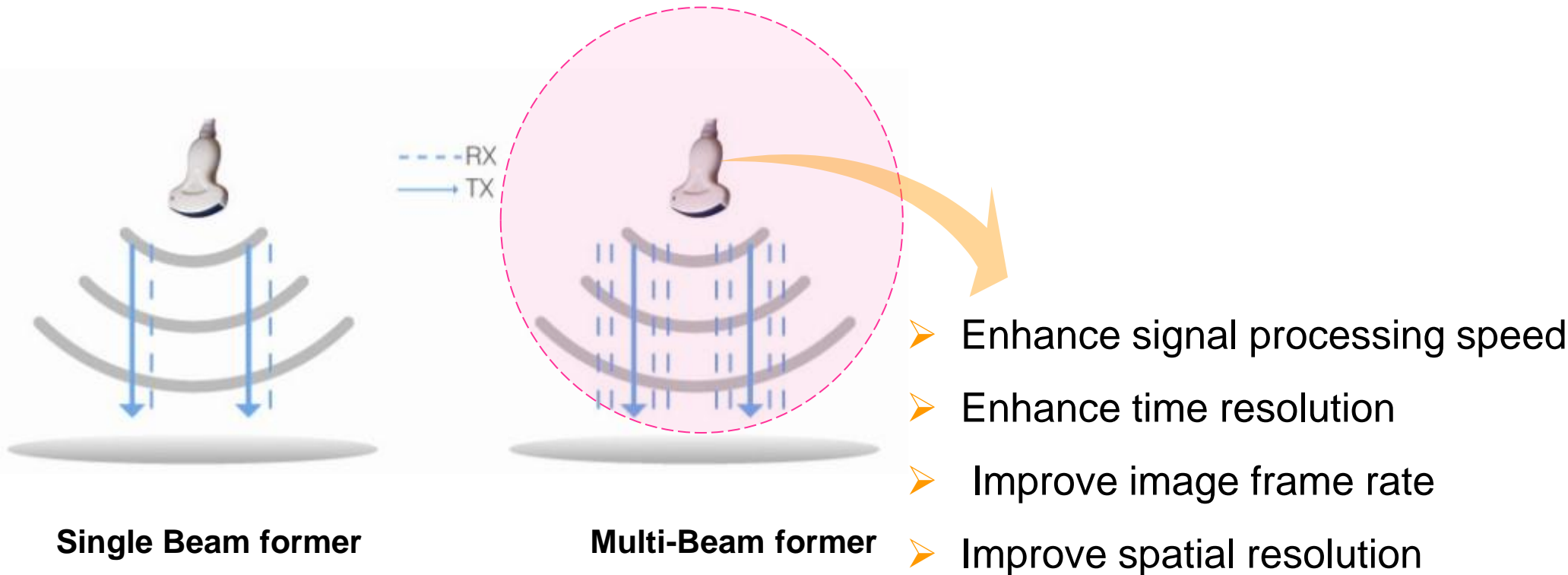
DICOM S-VIDEO

VGA   USB

Advanced technologies

- ➤ Multiple beam former

- ➤ Integrated compound imaging

- ➤ Space compound imaging

- ➤ i-Image

- ➤ Speckle reduction algorithm
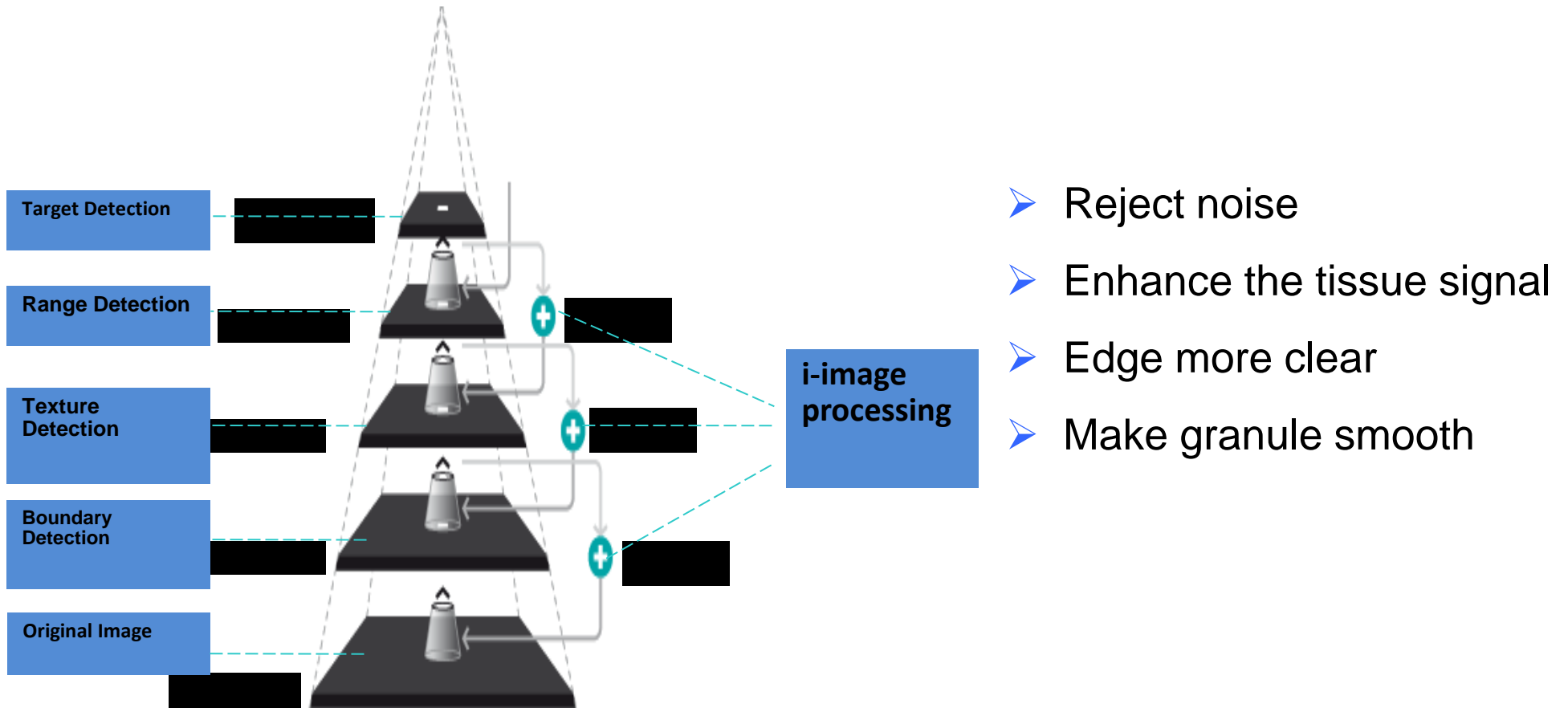
- ➤ Color X-sense technology

- ➤ Double frame rate technology

Multi-beam former technology

RX
TX

Single Beam former

Multi-Beam former

➤ Enhance signal processing speed

➤ Enhance time resolution

➤ Improve image frame rate

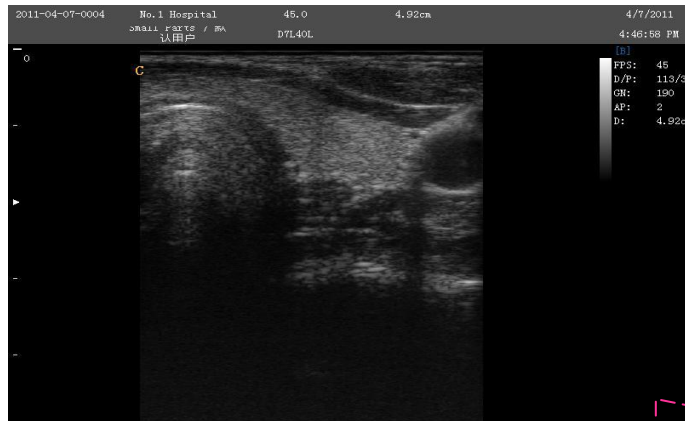➤ Improve spatial resolution

Space compound imaging technology

➢ Multi-angle scanning technology:

➢ To gain more tissue information and improve the observation of tissues on the curvilinear and irregular interface.

➢ Space compound Imaging: Reducing the noise and solve the problem that regular imaging has angle reliable.

i-Image

Target Detection	
Range Detection	
Texture Detection	
Boundary Detection	
Original Image	

i-image processing

- ➢ Reject noise
- ➢ Enhance the tissue signal
- ➢ Edge more clear
- ➢ Make granule smooth

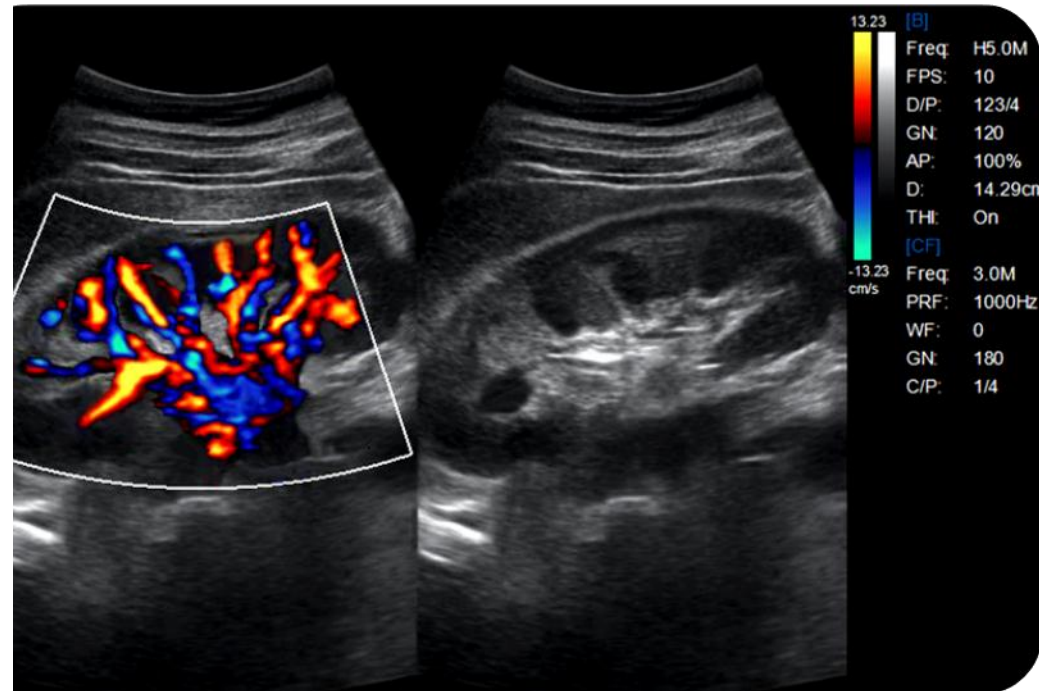# SRA – Speckle reduction technology

Conventional image

SRA technology

➢ Reduce speckle noise without edge distortion.

➢ Remove speckle noise at the same time, reserve the

detailed tissue information.

➢ Improve signal-to-noise ratio.

➢ Make the image more close to the anatomy form.

Color X-sense technology
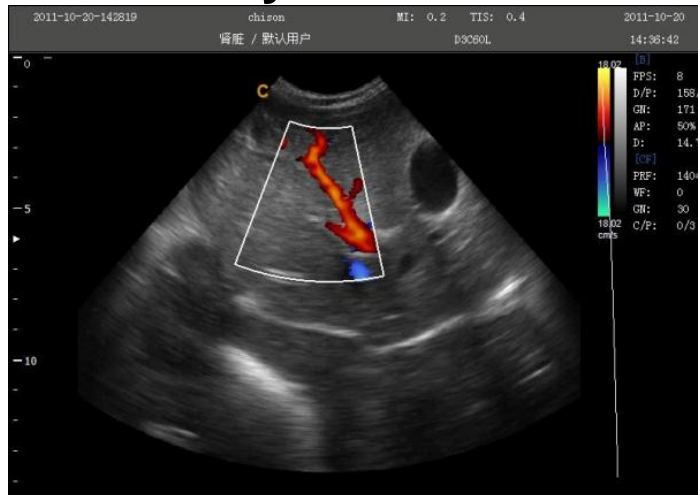
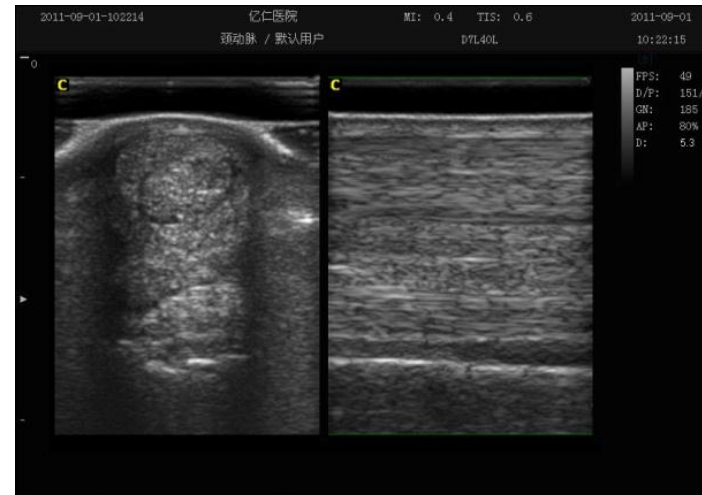➤color x sense can help you detect the tiny vessel easily
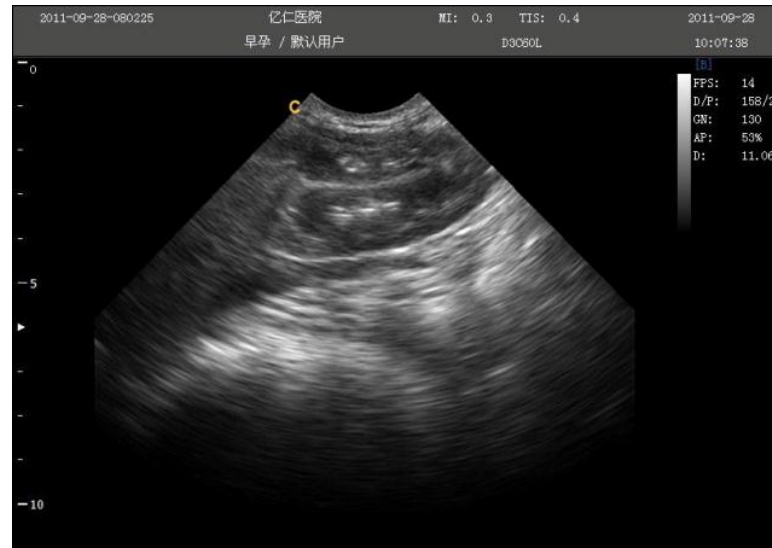
Image Galley

Cystitis

Liver

Liver

Tendon

Gallbladder

Kidney

Testicle

Spermatophore

Biopsy kits Configure
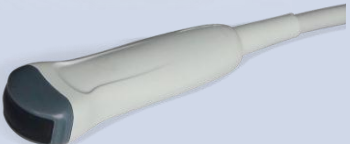
Part number	Probe type	Picture
BC04-A	D3C60L	
BL03-A	D7L40L	
BC06-A	D3C20L	

Others Accessories

Item	Picture	Part Number
Trolley		TR-2
Carrying Case		TB-2
Suitcase		CS-2

Thank You!

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to this presentation without prior notice.