

ACUSON Juniper Ultrasound System

System Overview
2.5 Software Release



Objectives

- Review external features
- Explain Control Panel and Touch Screen
- Discuss transducers and care of the system



System overview



Monitor

Enhanced 21.5" LED LCD
with lower black levels



Easy monitor adjustment with
palm curve on front and grip
on back

Three step task light
brightness adjustment



Monitor brightness control

Touch Screen

Customizable 13.3"
Touch Screen



Touch Screen
brightness control



Two USB ports



20° tilting
adjustment



Gel warmer, speakers and transducer holders



Gel Warmer

- Standard
- Adjustable temperature
- Configurable
- Optional large gel bottle holder

Speakers

- High-quality speakers
- Left and right of Touch Screen

Transducer Holders

- Six holders – 4 short and 2 long
- Configurable
- Easy to clean

Peripherals (optional)

DVD / Physio

- System without DVD / physio (left)
- System with DVD / physio (right)



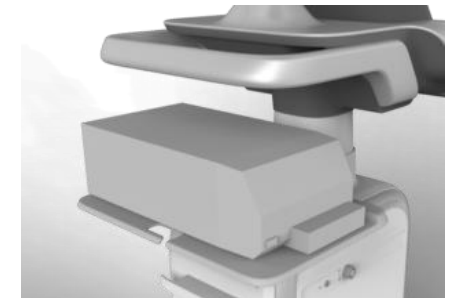
B / W printer

- System without printer (left)
- System with printer (right)



Color printer

- System without printer (left)
- System with printer (right)



Foot switch (optional)

- Ideal for interventional cases
- Dual configurable functions
- USB connection





Rear basket



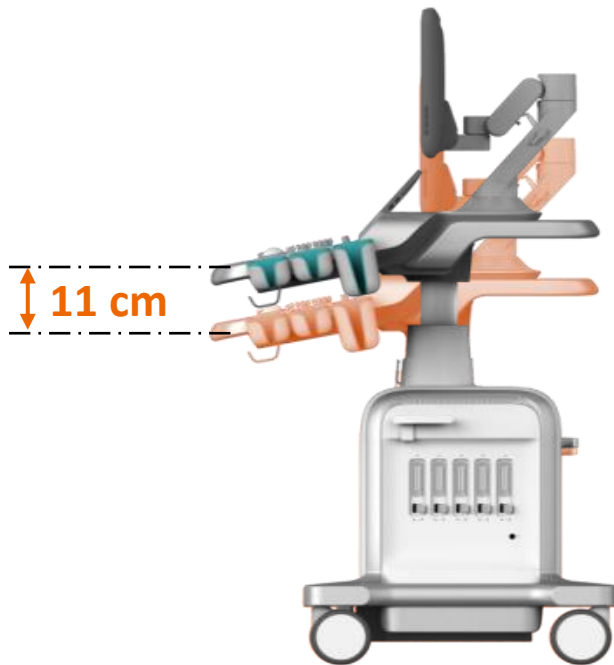
Below transducer ports



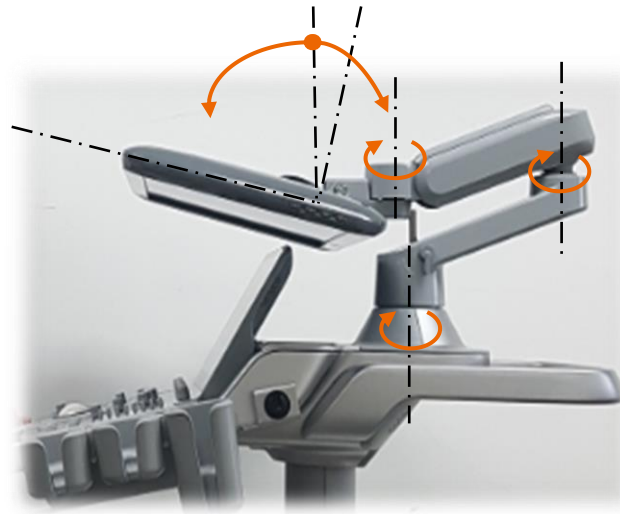
Magnetic side
basket



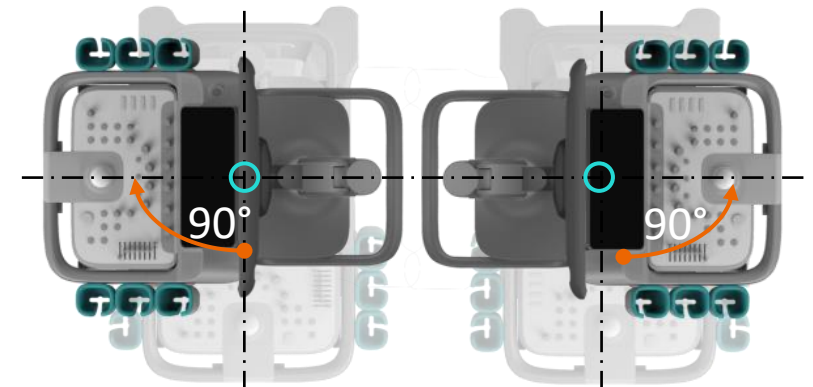
Behind Touch
Screen



Control Panel height
adjustment



Monitor
adjustment



Control Panel swivel
adjustment

Transducer ports

Six transducer ports

- Five standard transducer ports
- One transducer port for continuous wave (pencil) transducers



Cable management

Flexible cable management

- Two cable clips located above transducer ports
- Two cable hangers located on Control Panel



Connecting the transducers

1. Ensure lever lock is in left, unlocked position
2. Align connector and press into transducer port
3. Place lever into right, locked position



Back of system



Power cord hanger

Input connections

Main power supply

System casters

Lock / steer / swivel functionality



Front wheels



Rear wheels

Control Panel protective overlay (optional)

A protective overlay system is available for the system
Control Panel

- Large overlay for Control Panel
- Smaller overlays for individual controls
- Disposable



Objectives

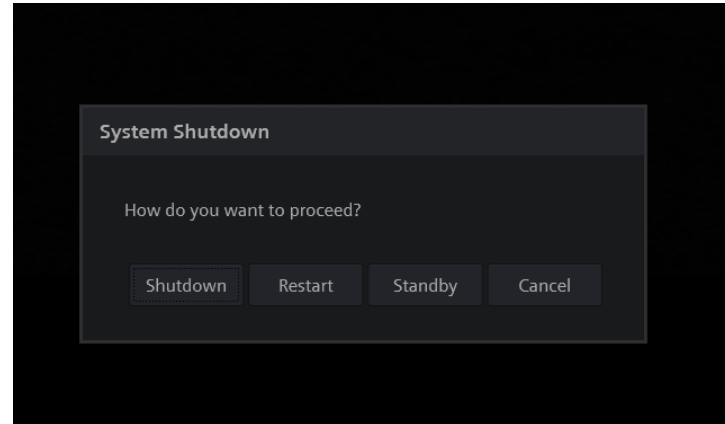
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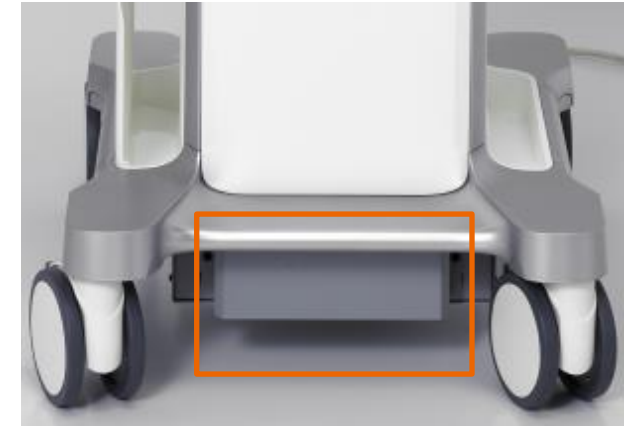
Power on, QuikStart standby mode and Battery



Power On / Off



QuikStart standby mode



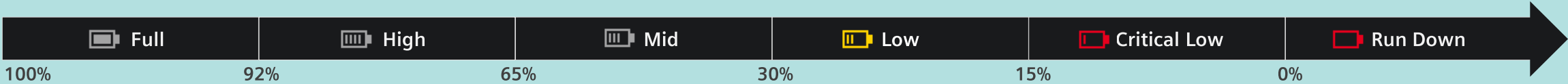
Battery (Optional) -
under front of system

- Battery support indicator

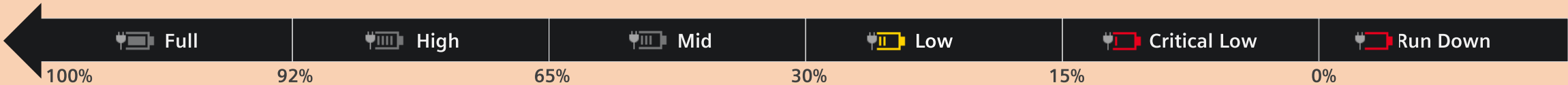


Battery indicators will show the current battery status and if the system is plugged in or not with a plug icon

System is **Unplugged**



System is **Plugged in**



Standby: In Battery mode, Standby is allowed depending on the battery capacity

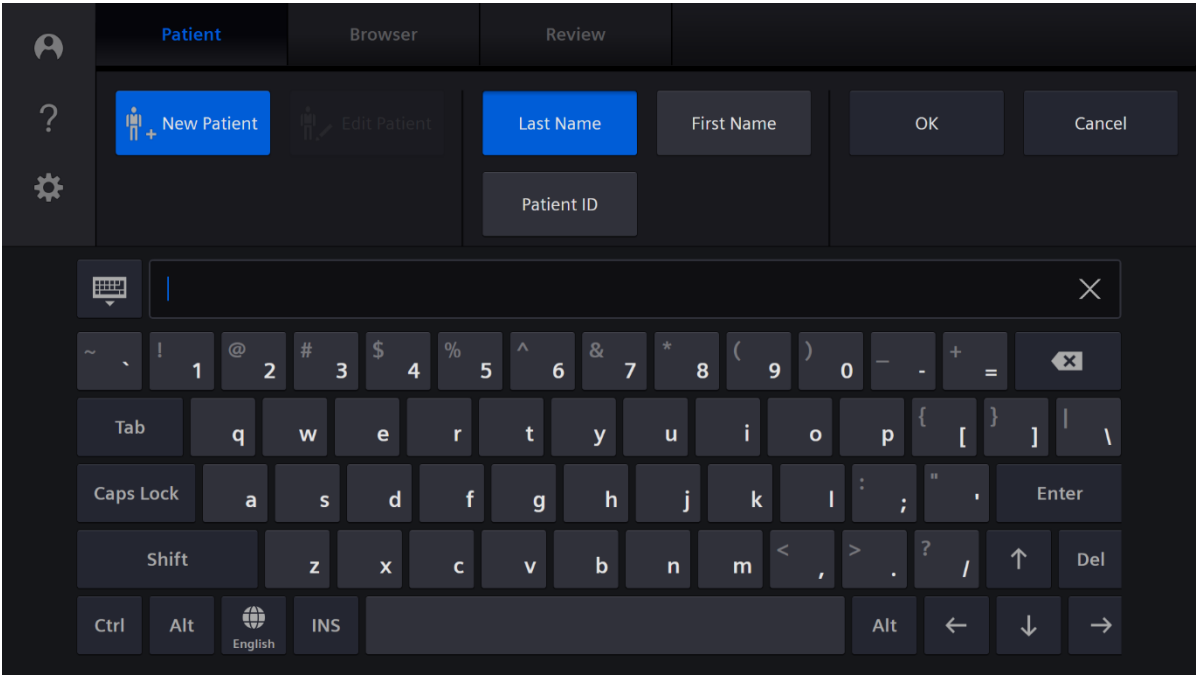
 Full	 High	 Mid	 Low	 Critical Low
 Standby When the battery level is Mid or above Mid, it's possible to run the Standby mode			 Standby When the battery level is Low or Critical Low, the system will not allow the Standby mode. In this case, click the Standby button and an information dialog will be provided, <i>“The battery is low to support standby.”</i>	

Restart: Restart is not allowed when system is unplugged

 Full	 High	 Mid	 Low	 Critical Low
 Restart Restart is only allowed once AC power is connected to the system. Therefore, click the Restart button, and an information dialog will be provided, <i>“Connect the AC power and then restart the system.”</i>				

Control Panel



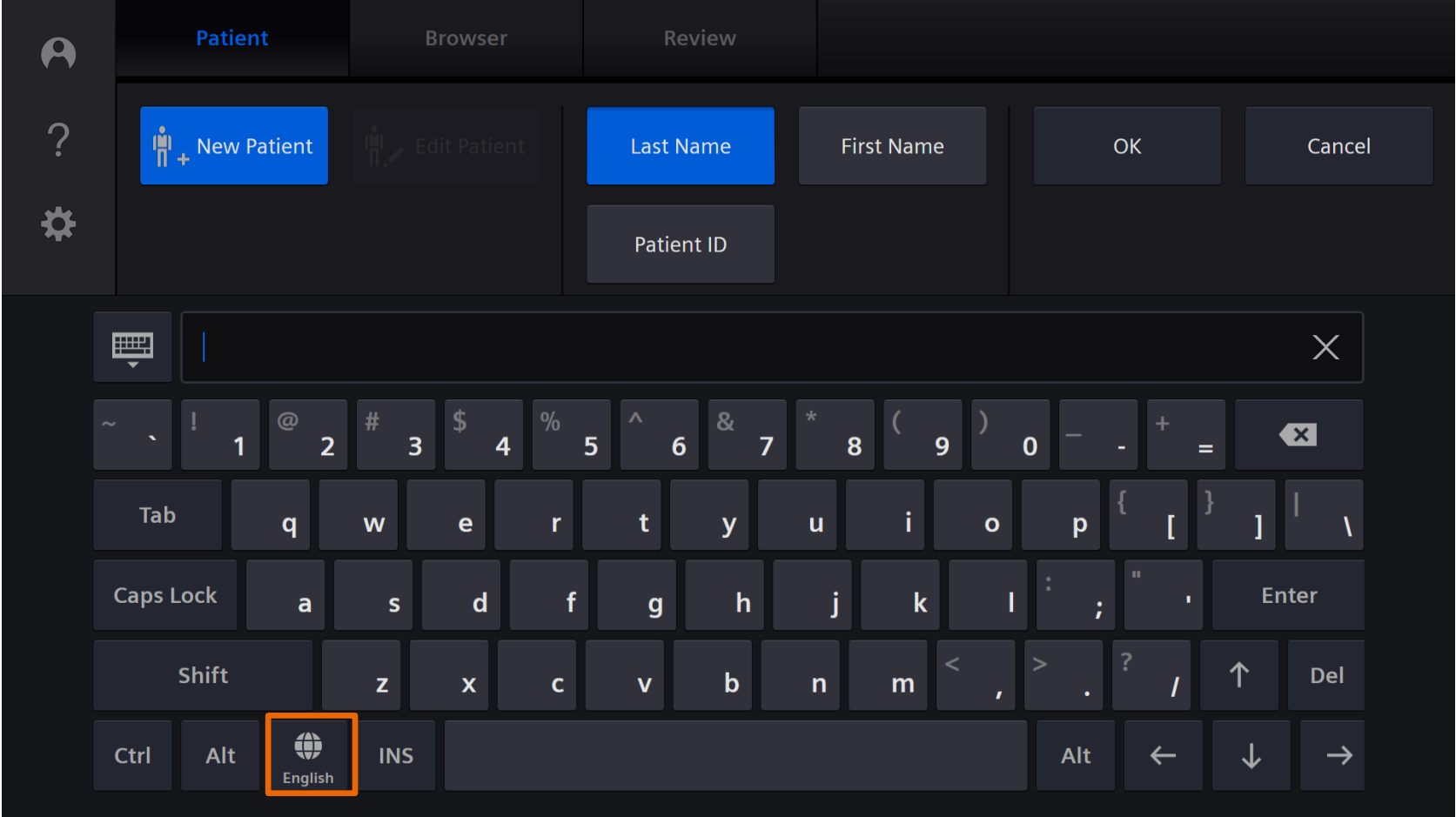
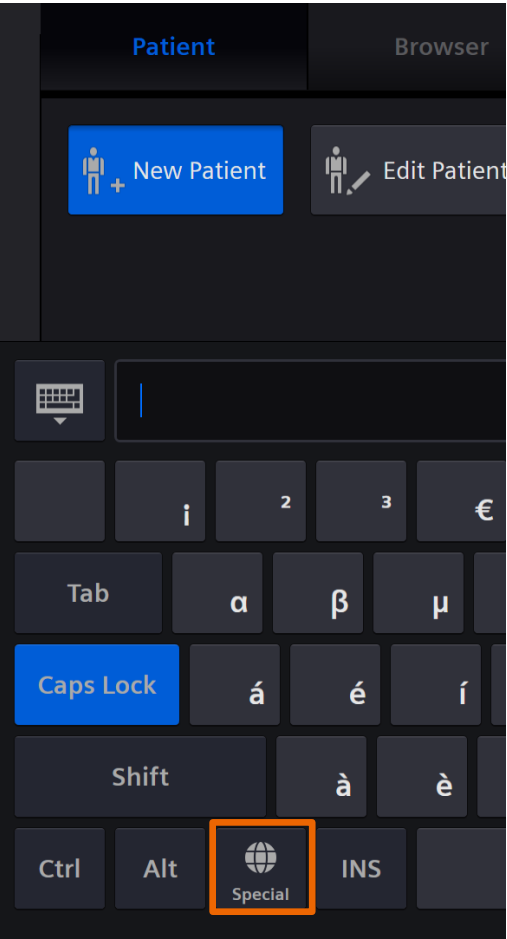


Virtual keyboard



Pull-out keyboard (optional)

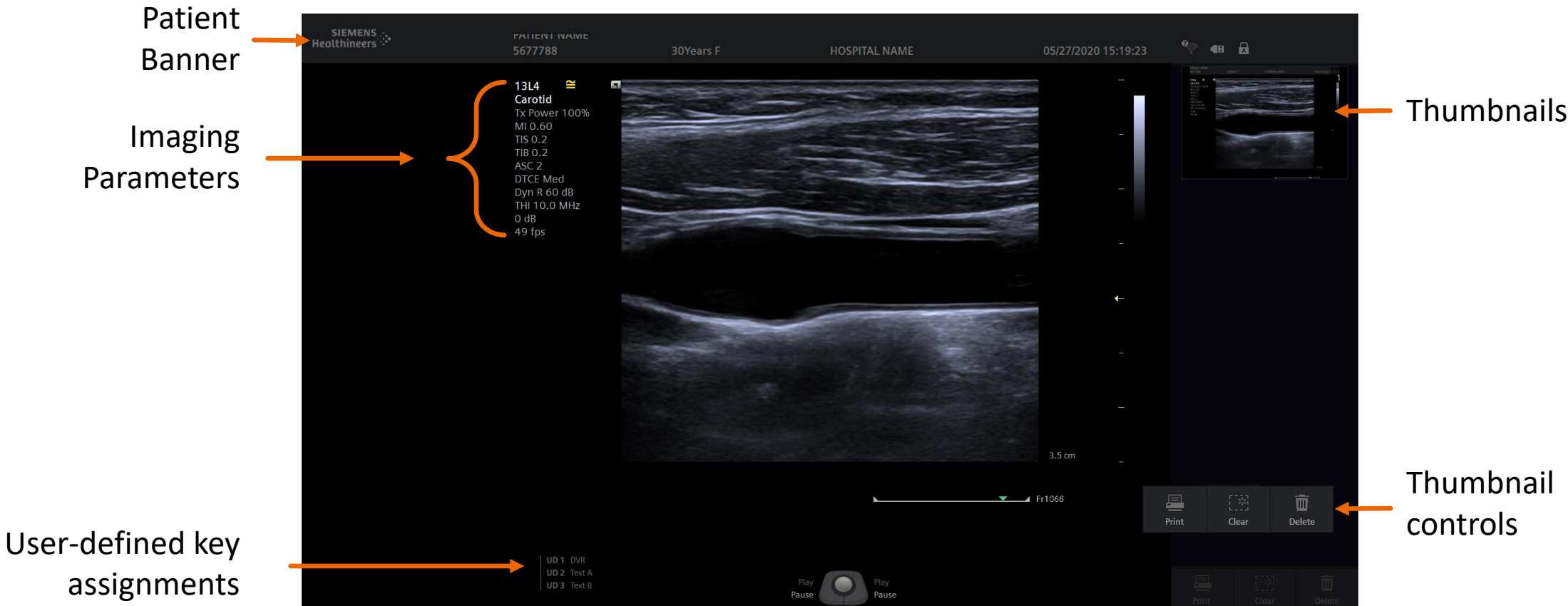
Language and special character key



Screen saver

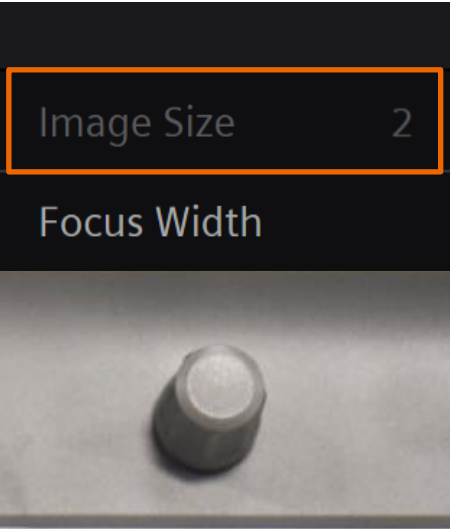
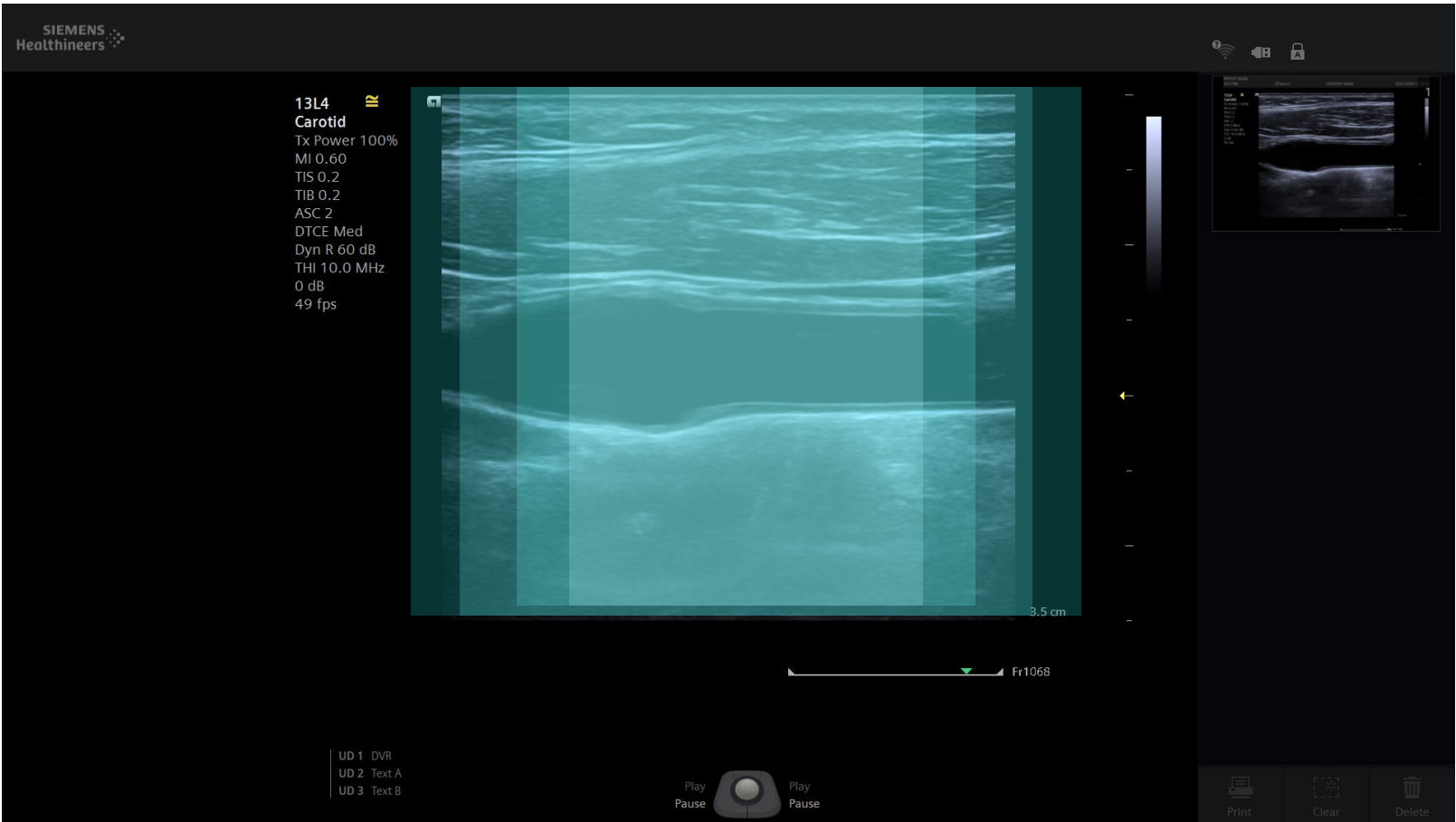


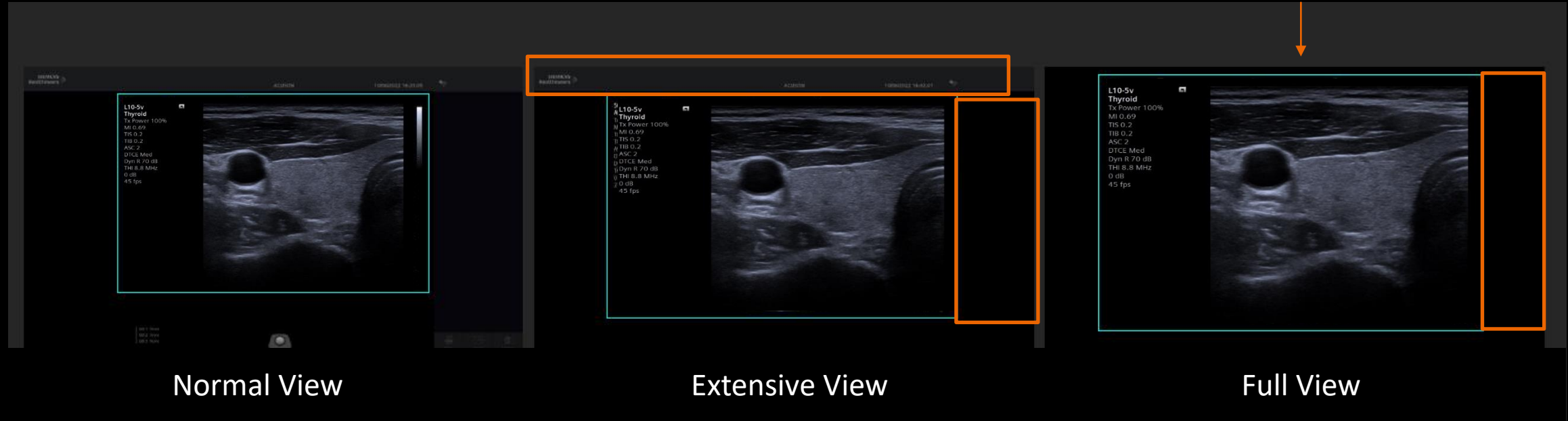
Image Screen



Home Base

Image size

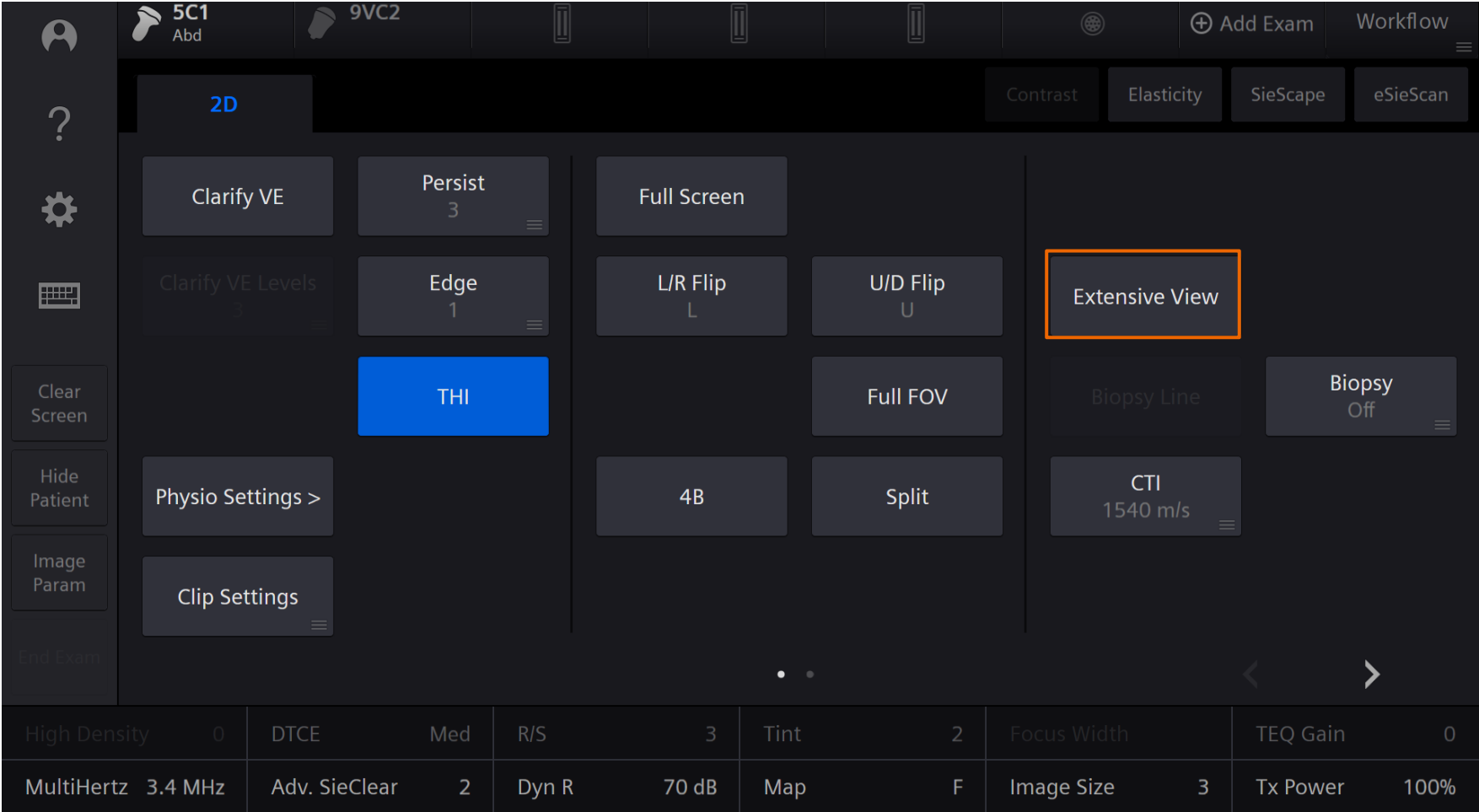




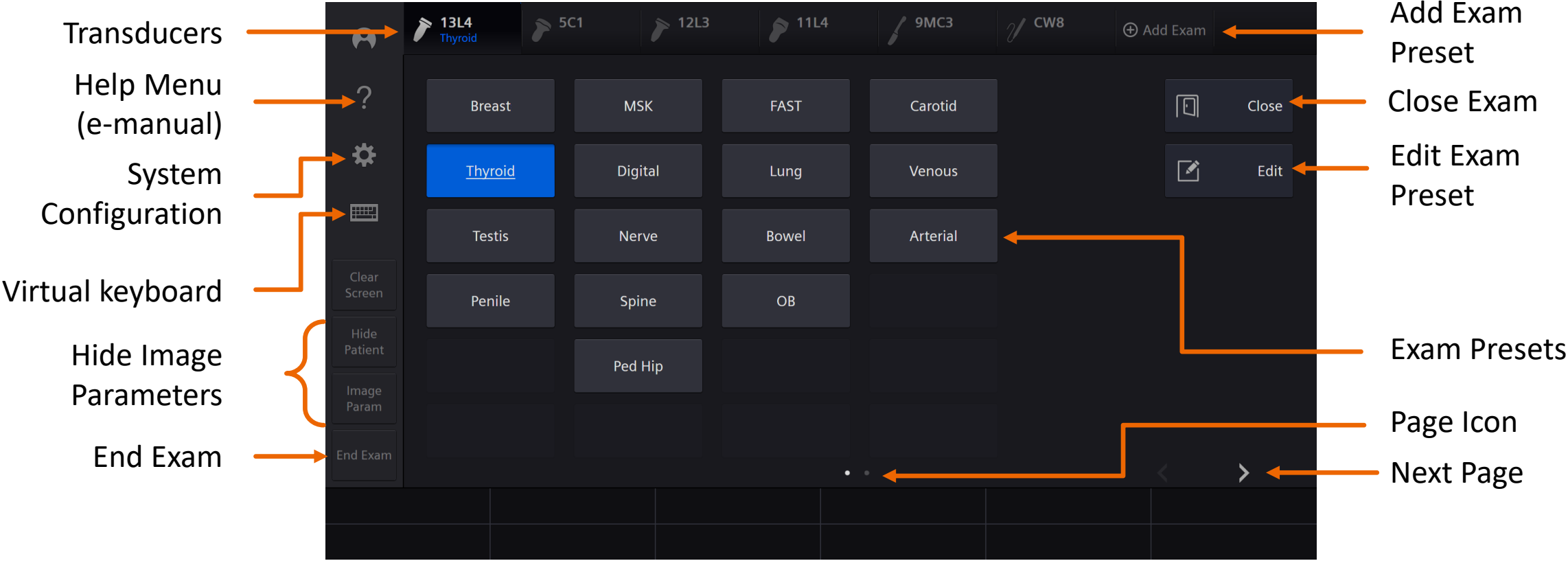
- Captures Patient Information and Banner
- Hides Thumbnails
- Hides Trackball legend

- Does Not Capture Patient Information and Banner
- Hides Thumbnails
- Hides Trackball legend

Extensive View



Exam Touch Screen



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Convex	Linear	Phased array	Micro convex	Volume	TEE	Pencil
7C2	18H5	10V4	11M3	9VE4	5VT	CW8
6C1	16L4	8V4	10MC3	9VC2		CW5
5C1	14L4	5P1	9MC3			CW2
	13L4	P4-2				
	12L3					
	11L4					
	L10-5v					

System filter

Clean air filters at least once a week to maintain proper system cooling

1. Power off the system and unplug the power cord from power supply
2. Push the air filter tray in to release locking mechanism and then pull tray from system
3. Rinse air filter with running water and allow to completely dry



Cleaning the system

1. Power off the system and unplug the power cord from the power supply
2. Use clean gauze pad or lint-free cloth, lightly moistened with a mild detergent to gently wipe:
 - Touch Screen
 - Monitor
 - Control Panel
3. Dry surfaces with a clean lint-free cloth
4. As required, use an approved disinfectant wipe to disinfect the system and accessories



Cleaning the trackball

1. Rotate ring around trackball and lift to remove
2. Remove trackball
3. Clean ring, trackball and trackball assembly with mild detergent or approved disinfectant
4. Place trackball into assembly
5. Place ring over trackball and rotate clockwise until it snaps into place



Trademarks and Disclaimers

- ACUSON Juniper is a registered trademark of Siemens Medical Solutions USA, Inc.

Thank you for your enthusiasm!

Questions?