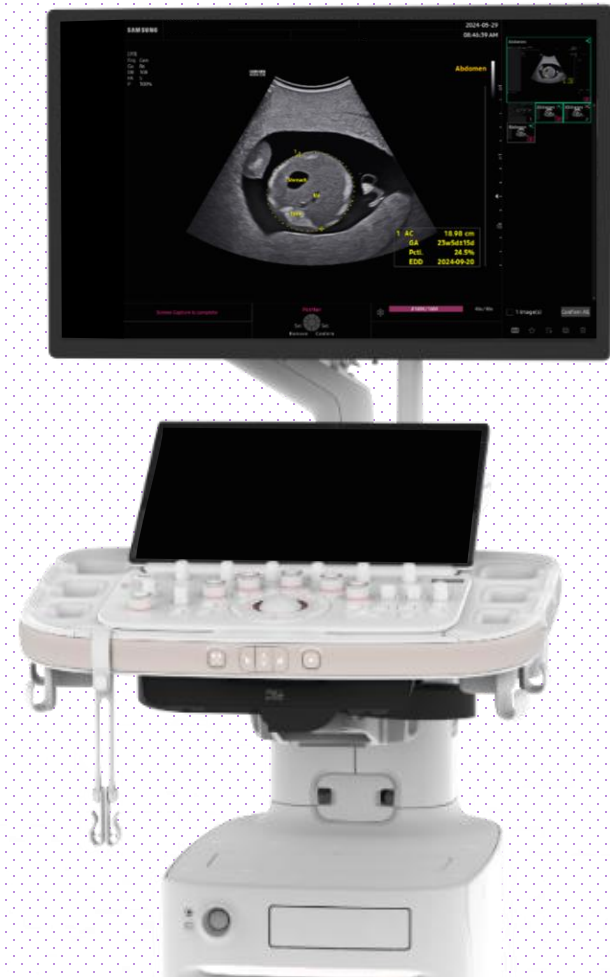


Live ViewAssist™

HERA Z20 Quick Guide



1. Start Exam with Live ViewAssist™

The screenshot displays the patient information page in the HERA Z20 software. The interface is dark-themed. On the left, there is a sidebar with a 'Patient' button highlighted by a red dashed box and a blue circle with the number 1. The main area contains various input fields for patient information, including Patient ID (20240528-27), Last Name, Date of Birth, Age, Gender, First Name, Middle Name, and Indication. Below this is the 'Study Information' section, which includes a dropdown for 'OB', checkboxes for 'EzExam+' and 'EzCheck', and a dropdown for 'Assist' with 'Default' selected, highlighted by a red dashed box and a blue circle with the number 2. At the bottom left, there is a control panel with buttons for 'Start Exam', 'Register', and 'Cancel'. The 'Start Exam' button is highlighted by a red dashed box and a blue circle with the number 3. At the bottom of the main area, there is a 'Patient List' table with columns for Patient ID, Patient Name, Date of Birth, Age, Gender, Exam Date, and Application. The table contains several rows of patient data.

1 Patient

Enter Patient information on the patient information page.

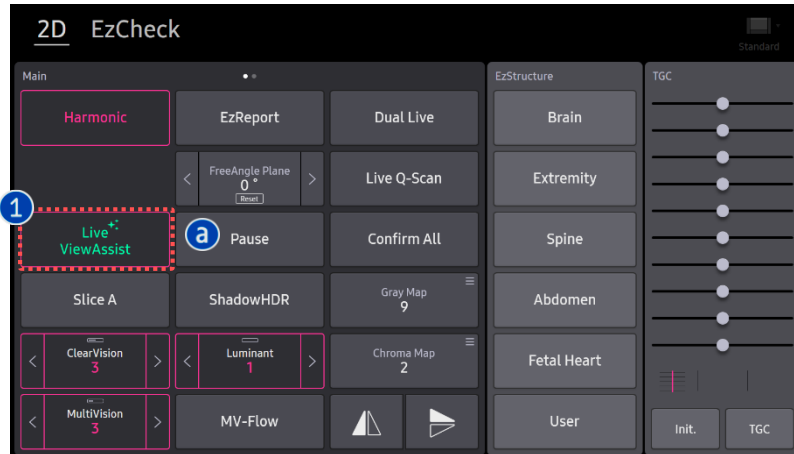
2 Select Live ViewAssist

Drop down the Assist box and select the desired protocol.

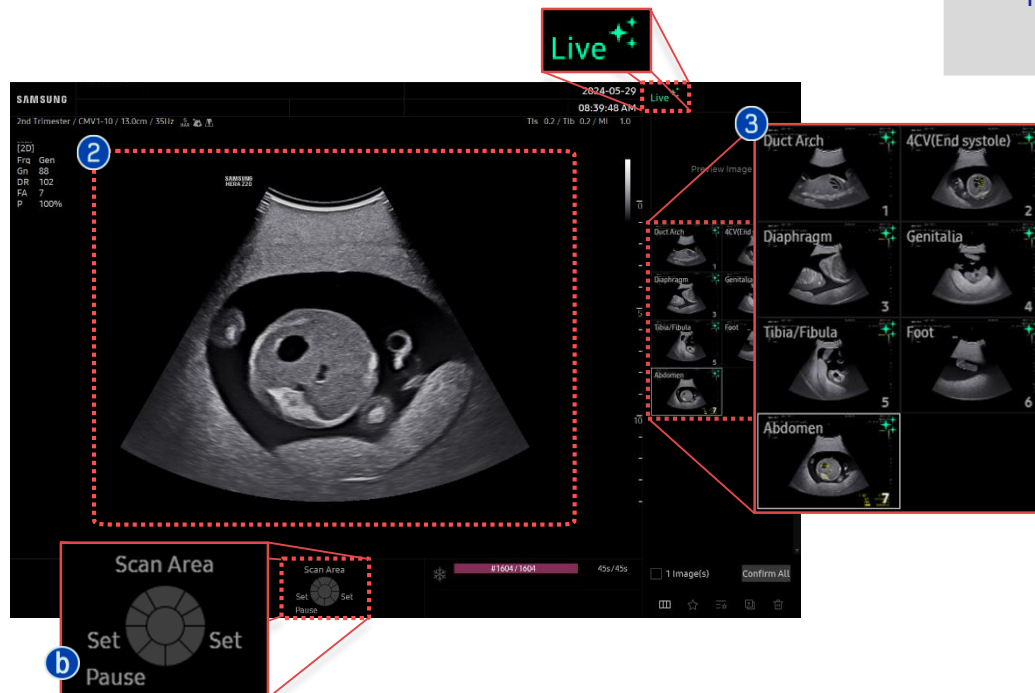
3 Start Exam

Press [Start Exam] button on the control panel or touch screen to start the exam.

2. Start Live ViewAssist™



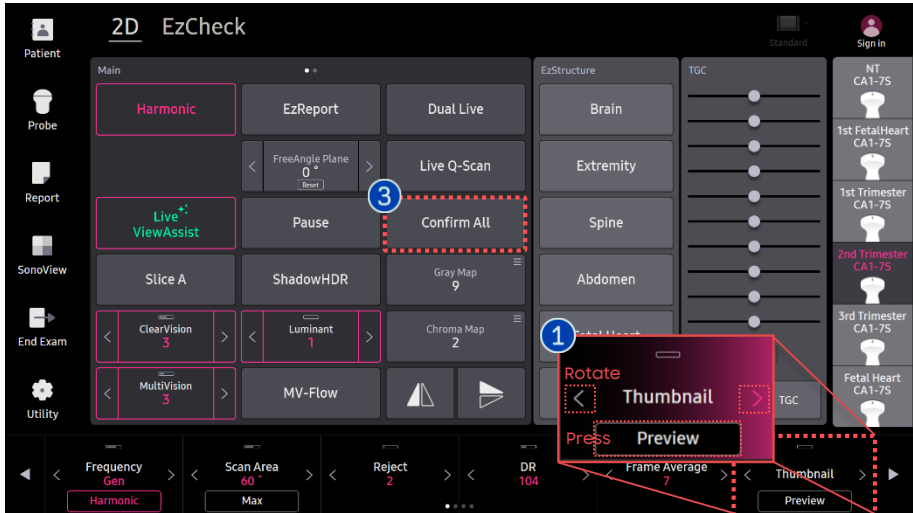
<p>1 Press Live ViewAssist</p>	<p>Press [Live ViewAssist] button on the touch screen to start Live ViewAssist. <i>※ You can see an icon in the upper right corner of the monitor that indicates the Live ViewAssist is running.</i></p>
<p>2 Scan</p>	<p>Start scanning your exam.</p>
<p>3 Check the Thumbnail</p>	<p>Live ViewAssist automatically recognizes the view you are scanning and provides temporarily saved images on the thumbnail.</p>



★ Tips

You can pause Live ViewAssist by pressing the [Pause] button on the touch screen (a) and the context key on the control panel (b). Images scanned in the pause state are not temporarily saved to thumbnails.

3. Review and Confirm the image



1 Thumbnail & Preview key

Press and rotate the Thumbnail/Preview toggle key to review all candidates.

2 Review the image

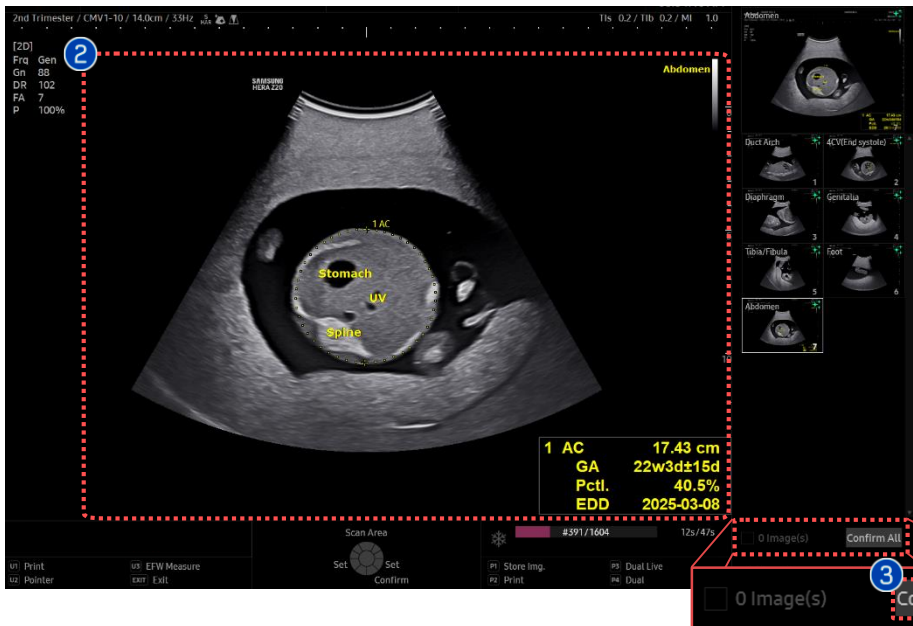
The information that the candidate image contains can be divided into four types, depending on the settings in Assist setup.

Live ViewAssist options		What candidate images contain
Auto Annotation	Auto Measurement	
Check	Check	Text & Meas.
Uncheck	Check	Only Meas.
Check	Uncheck	Only Text
Uncheck	Uncheck	Only images without Text & Meas.

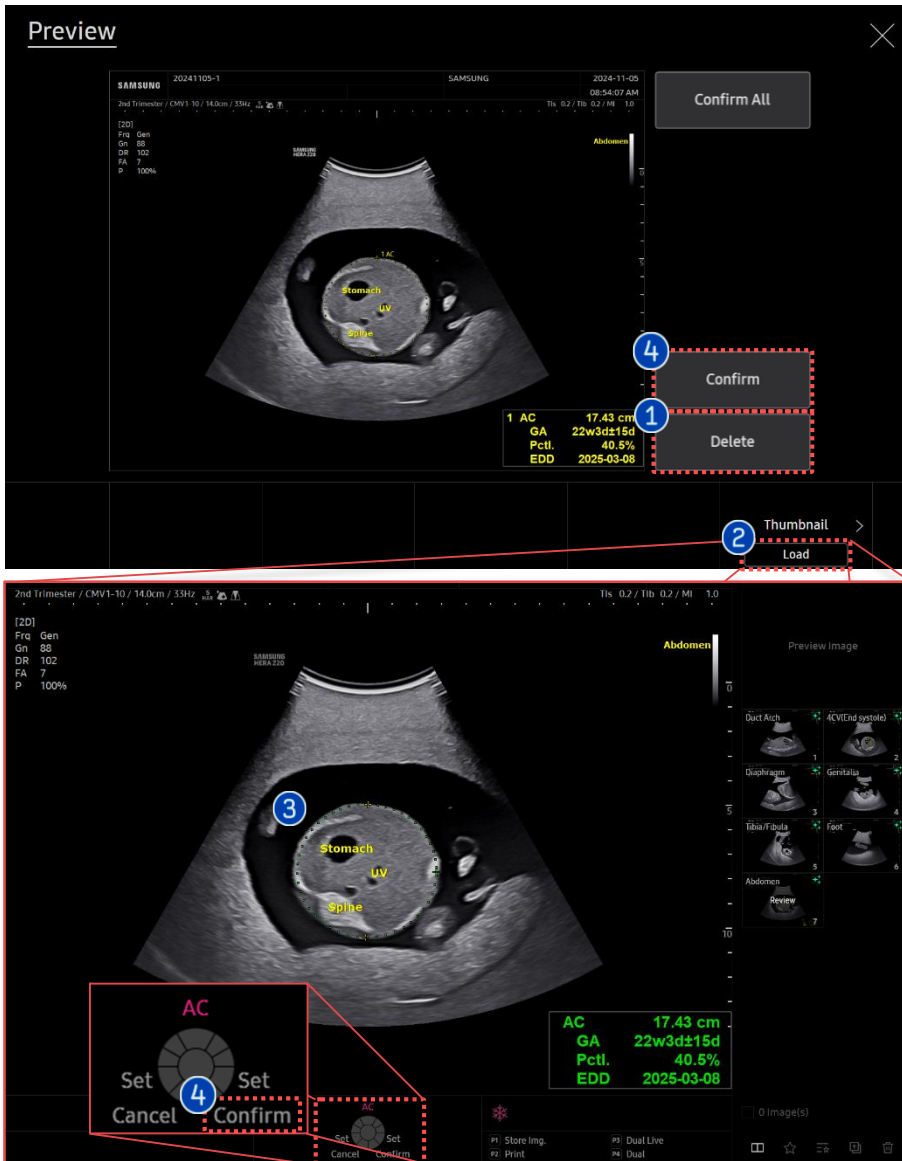
3 Confirm All

If you want to confirm all the images recommended by the Live ViewAssist, Press the [Confirm All] button at the bottom of the thumbnail or the touch screen to save all the images.

※ The color of the icon in the confirmed image changes from green to white.



4. How to Delete or Edit the image



1 Delete the image

Press the [Preview] key to find the [Delete] button on the touch screen in the preview state. If you want to delete the image and update it to a new view again, press the [Delete] button.

2 Load the image for modification

You can find the [Load] button in the Preview state. Press this button to modify the measurement by bringing the image to the scan screen.

3 Edit the measurement

The image of the editable measurement cursor is loaded. Edit the measurement using the Trackball and the [Set] buttons.

4 Confirm

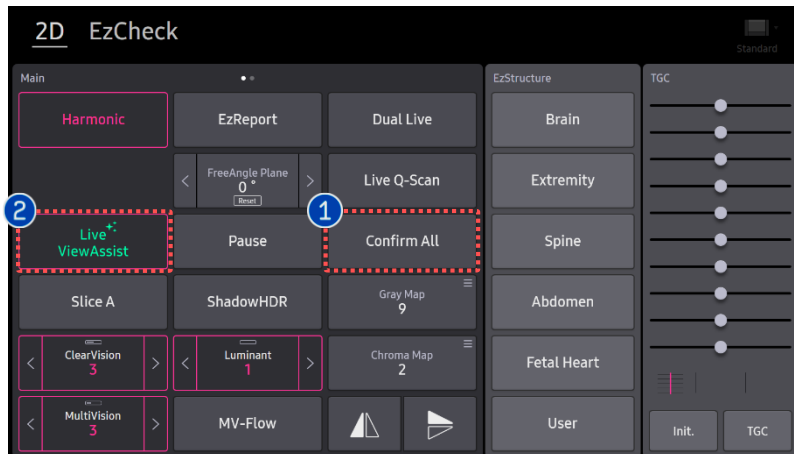
Press the [Confirm] button to complete the editing.

※ If you don't press the [Confirm] button after modification, the modified value will not be applied.

★ Tips

You can also load an image by double-clicking an image from the thumbnail using Pointer button in the control panel.

5. End Live ViewAssist™

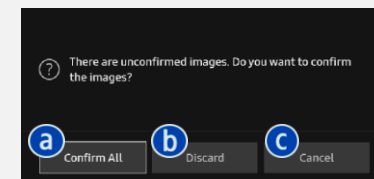



1 Confirm All

Before you end Live ViewAssist, Check whether you have any unconfirmed images. If you want to confirm all images recommended by the Live ViewAssist, Press the [Confirm All] button at the bottom of the thumbnail or the touch screen to save all the candidate images.

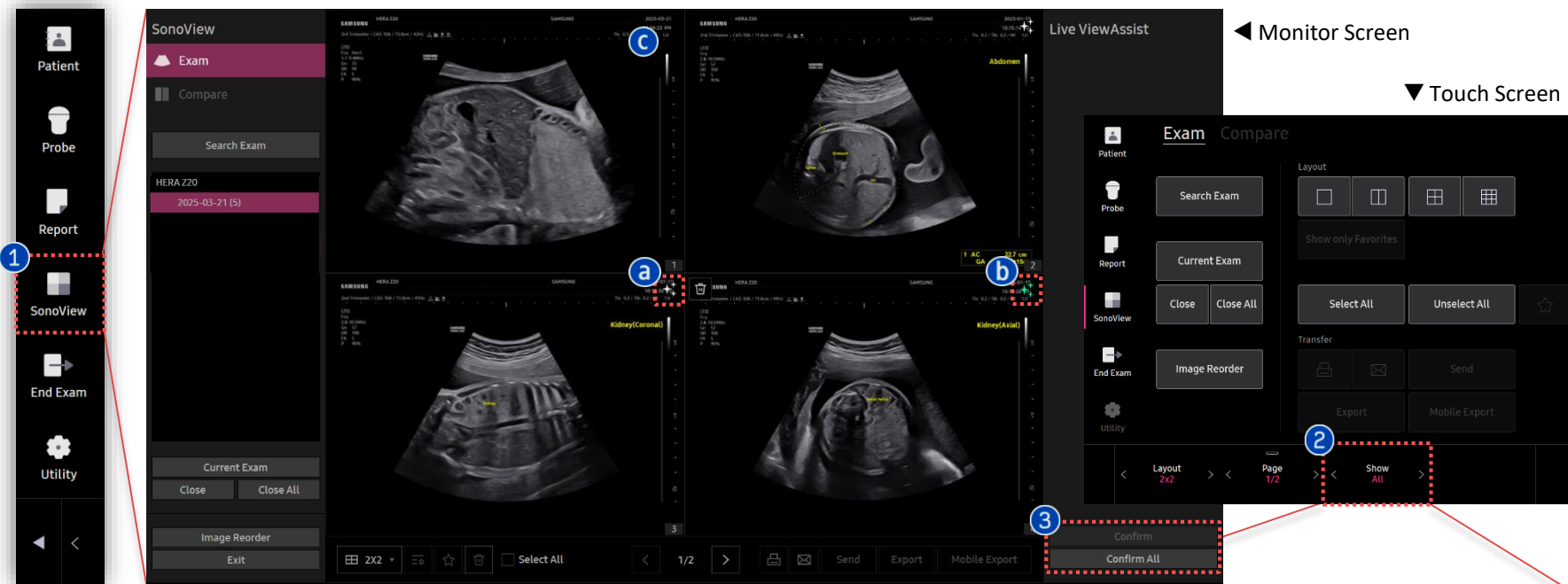
2 End Live ViewAssist

To end the Live ViewAssist, Press the [Live ViewAssist] button on the touch screen. If there are any unconfirmed images, the window below will appear before you exit.



- a** All candidates with  icon are saved.
- b** All unconfirmed images will be deleted.
- c** Close the window and restart the scan.

#. How to review the image in SonoView



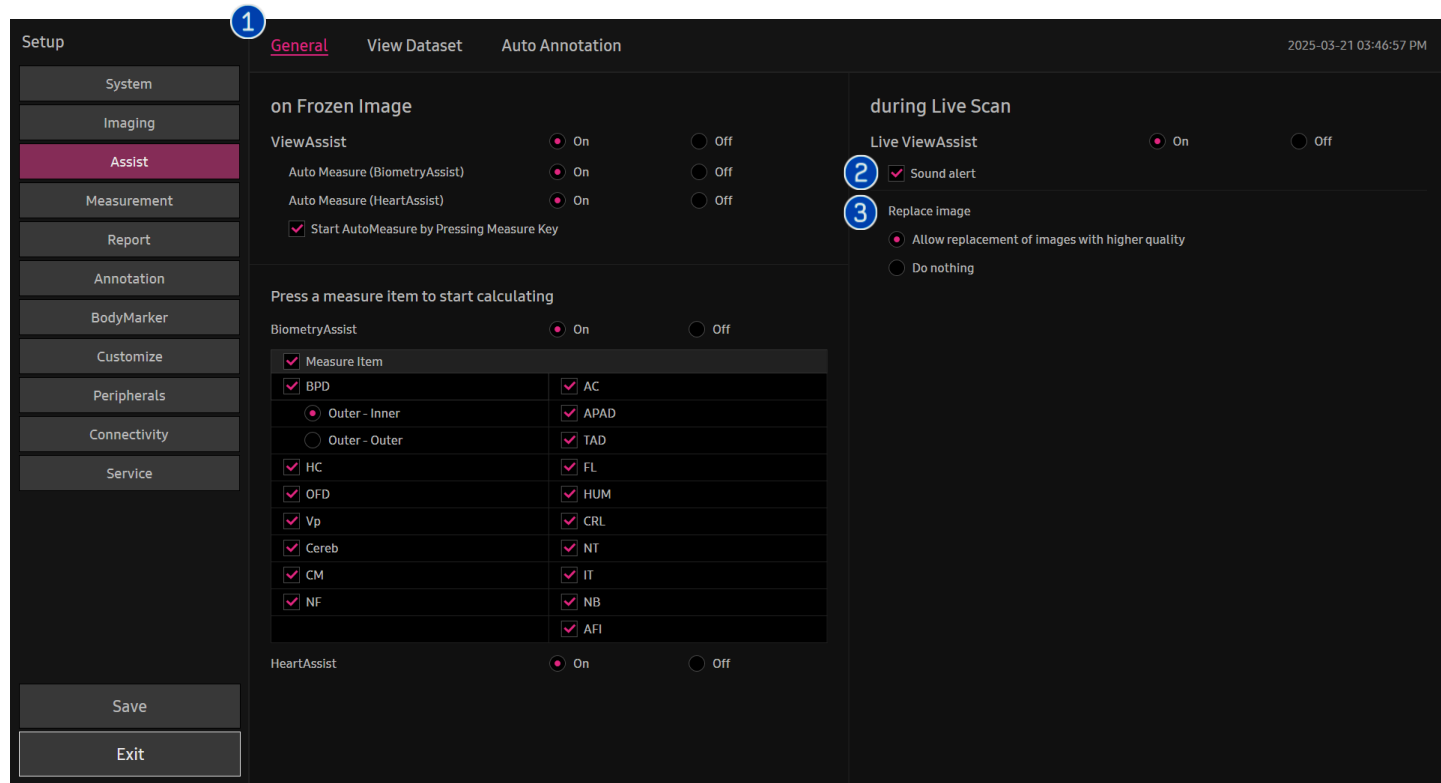
1	SonoView	Enter [SonoView] page.
2	Review	Select the Show options on the touch screen and Review the image obtained.
3	Confirm	Press [Confirm] or [Confirm All] button to finally save the image captured by Live ViewAssist.

Images sorted according to "Show" option

★ Tips

- a Confirmed by the user
- b Captured by Live ViewAssist (Before "Confirm")
- c Saved by the user

#. Setup for Live ViewAssist™ – 1



1 Setup

To set the Live ViewAssist option, Go to [Utility](#) ▶ [Setup](#) ▶ [Assist](#) ▶ [General](#).

2 Sound alert

Select this option to make a sound whenever an image is captured in the thumbnail by Live ViewAssist.

3 Replace Image

If "Do nothing" is selected, the image captured by Live ViewAssist is no longer updated.

#. Setup for Live ViewAssist™ – 2

The screenshot shows the 'Setup' screen for Live ViewAssist. The interface is divided into several sections:

- General (Step 1):** Shows the 'View Dataset' tab with '2nd Trimester' selected. Below this are two tables for auto-measure settings.

View	Item
TTP	BPD, HC
TVP	Vp
TCP	Cereb, CM, NF
Abdomen	AC
Femur	FL
Humerus	HUM
Amniotic Fluid	AFI
MSP	CRL
MSP(Zoom)	NT

View	Tab	Group	Item
4CV(Early diastole)	None	None	None
4CV(End diastole)	Fetal Heart	2D Echo	Cardiac Axis
4CV(End systole)	Basic Echo	CTAR	
LVOT(Systole)	2D Echo (View)		
LVOT(End diastole)			
RVOT(Systole)			
RVOT(End diastole)			
- Auto Measure (BiometryAssist):** A table with checkboxes for various measurements like TTP, TVP, TCP, etc.
- Auto Measure (HeartAssist):** A table with checkboxes for cardiac measurements like 4CV, LVOT, RVOT.
- during Live Scan (Step 3):** A table for configuring the Live ViewAssist protocol.

View	Measure	Images
Fetal Head		
TTP	BPD, HC	1
TVP	Vp	1
TCP	Cereb, CM, NF	1
Fetal Face		
Nose/Lips		1
Orbit		1
Profile		1
Fetal Chest and Heart		
Thorax		1
4CV(Early diastole)	Cardiac Axis	1
4CV(End diastole)	CTAR(C)	1
4CV(End systole)	Atrium Areas	1
LVOT(Systole)	LVOT/Ao Ratio	1
LVOT(End diastole)	LVOT/Ao Ratio	1
RVOT(Systole)	PV Ann Diam	1
RVOT(End diastole)	PV Ann Diam	1
3VV PA	3VV PA ALL	1
3VV	3VV All	1

1 Setup

To customize the Live ViewAssist protocol, Go to [Utility](#) ▶ [Setup](#) ▶ [Assist](#) ▶ [View Dataset](#).

2 Create or Edit

You can create or edit view datasets.

3 Live ViewAssist

You can select the views you want to recognize in real-time, how many images you want to capture, and the measurements you want to take with Live ViewAssist.

- The features, options may not be commercially available in some countries.
- Sales and shipments are effective only after the approval by the regulatory affairs. Please contact your local sales representative for further details.
- This Quick guide does not include all of the details of instruction, for more detail, please refer to HERA Z20 User Manual.
- Do not distribute this document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- This User Quick Guide is based on HERA Z20 V1.00.01.
- Disclaimer: Some Images in this content were obtained from other system.

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