

5D NT™

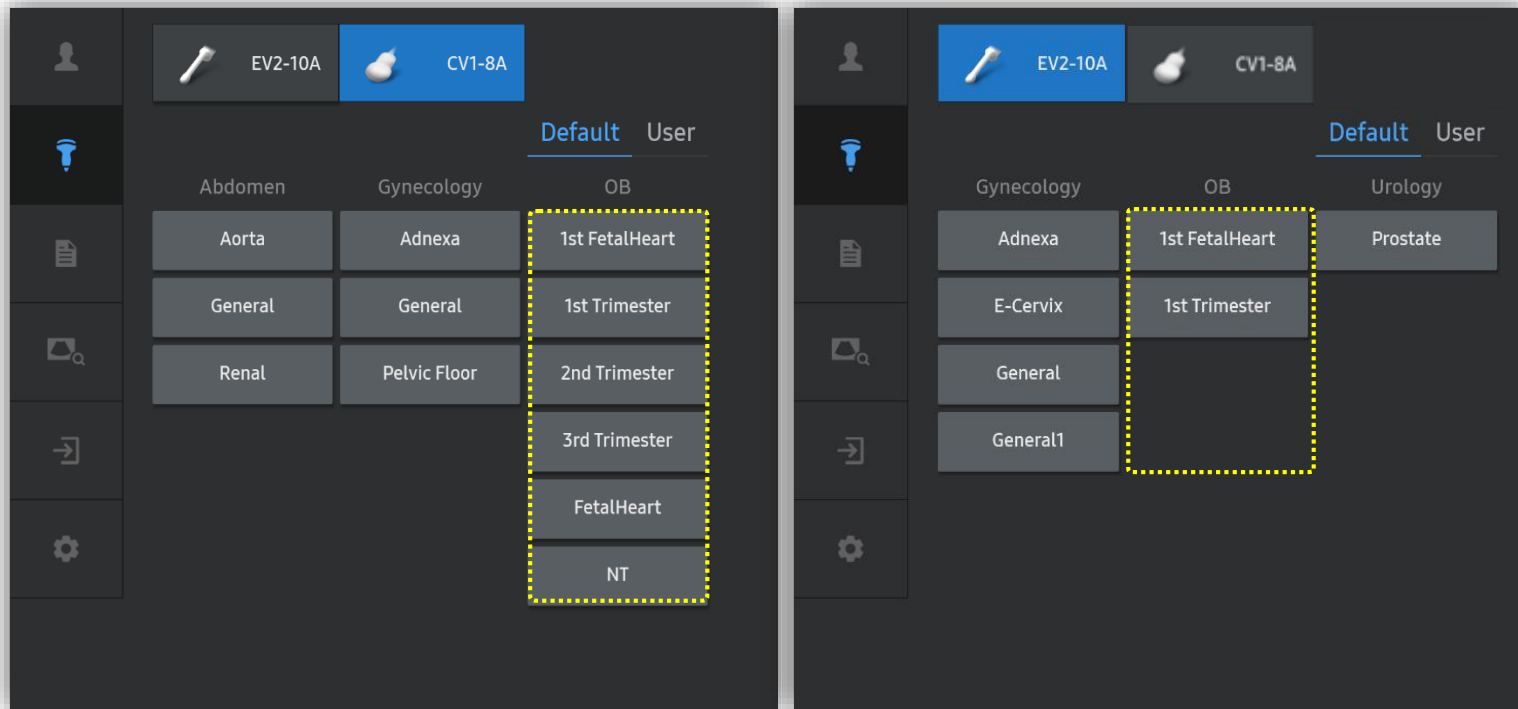
HERA W10 User Quick Guide



※ This User Quick Guide is based on HERA W10 V1.03

※ This User Quick Guide does not include all of the details of instruction, nor does it cover every possible situation which may arise during installation, operation, maintenance or usage.

1. Probe and Preset



※ 5D NT™ can be operated under the following conditions :

Probe	Application
CV1-8A EV2-10A	All OB Application

2. Volume acquisition



1 Volume acquisition

Find fetal NT on sagittal plane as clear as possible.

Notes

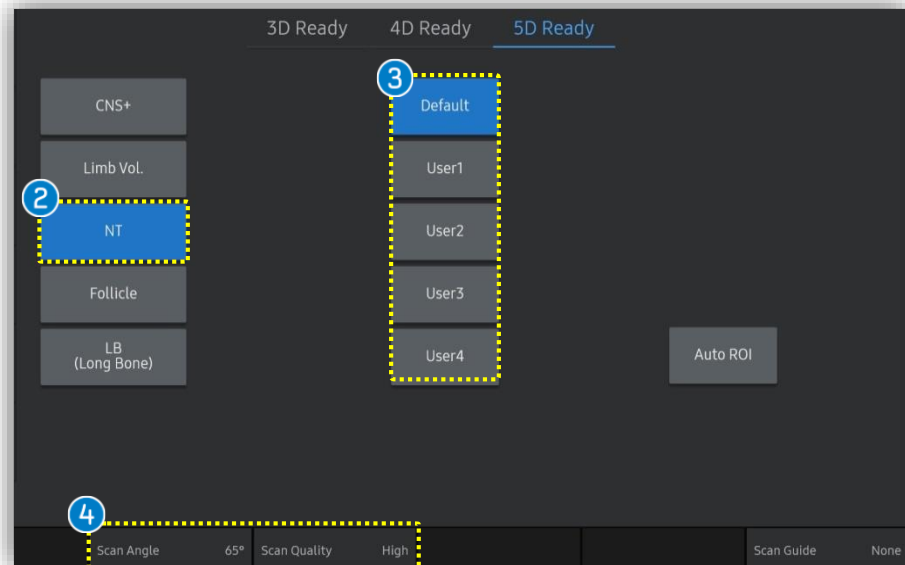
For more accurate NT evaluation, follow NT measurement guide-line created by FMF(Fetal Medicine Foundation).

3. Activate 5D NT™ by 5D Button



1 5D Button

Press [5D] button on the control panel.



2 NT

Tap [NT] to activate 5D NT™.

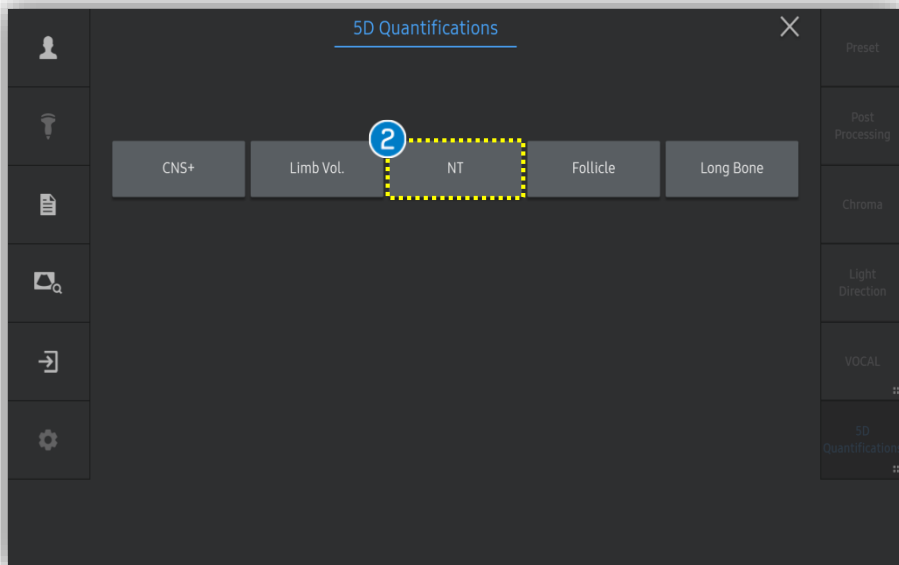
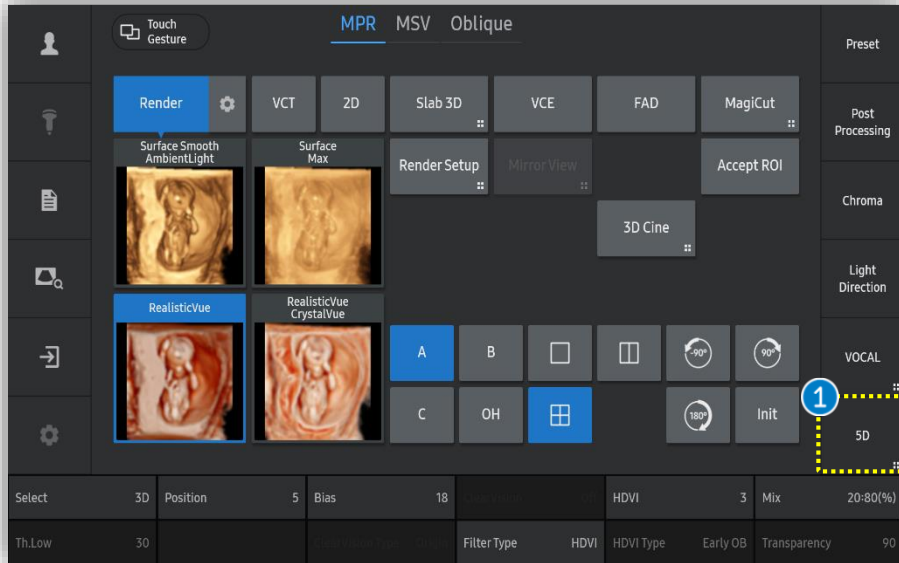
3 Preset

Select preferred preset between default and users. Each 5D feature could have own preset parameters.

4 Parameters

[Scan angle] and [Scan Quality] are customizable.

4. Activate 5D NT™ by 5D Quantification



If 3D image acquisition is already done by 3D button as below



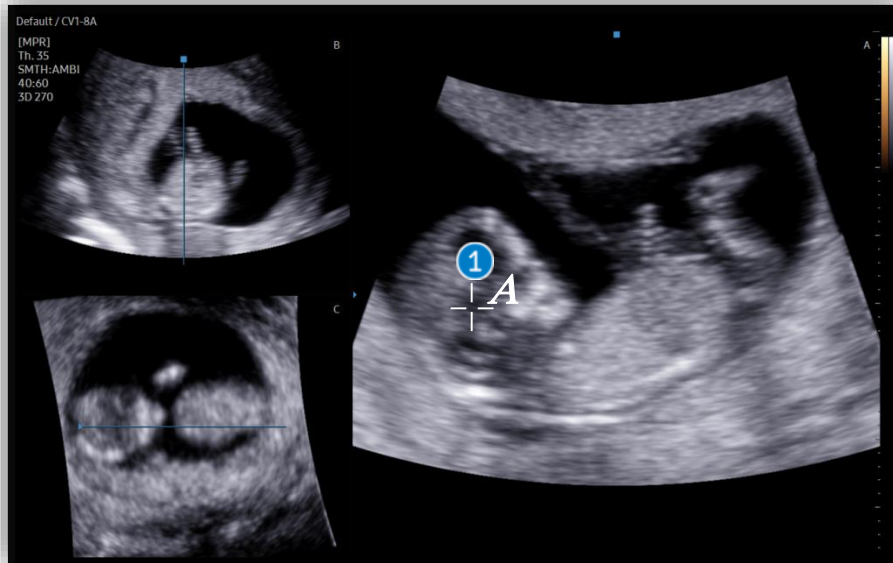
1 5D Quantifications

Tab to activate [5D] features.

2 NT

Tab [NT] button to activate 5D NT™.

5. Set cursor at Diencephalon



1 Seed Point

Set [A] cursor on fetal diencephalon. Then system automatically finds true mid-sagittal plane.



2 Auto MSP

In case of incorrect mid-sagittal plane, turn off [Auto MSP] so that you will set the cursor on Diencephalon once again.

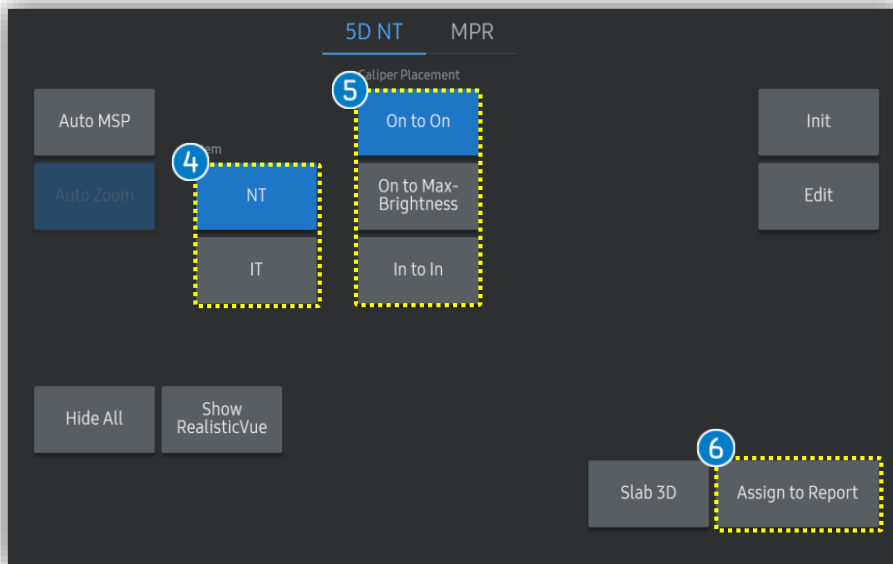
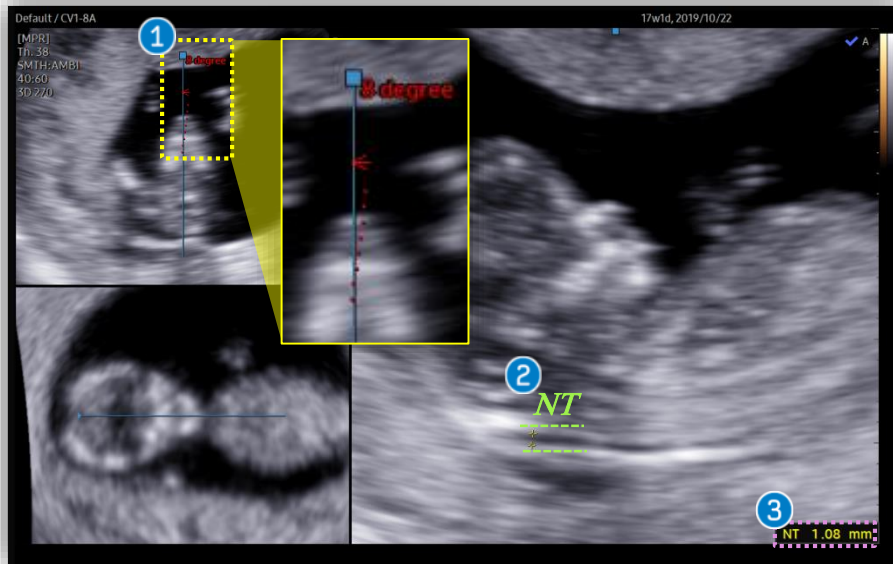
3 Auto Zoom

When it is turned on, it automatically magnifies the image.

Notes

Slices of a 3D image will be displayed as images rendered in 3D. You may select [Slab 3D Type] among Surface, X-ray, Max and Min.

6. Measure NT or IT



① Angle	Angle difference from initial acquisition. - Blue Solid Line : MSP angle - Red Dotted Line : Initially acquired angle
② Caliper Set	Place caliper on fetal NT or IT depending on selection of item.
③ Result	Measurement result at the maximum distance of NT or IT.
④ Item	Select type of item between NT and IT
⑤ Caliper Placement	Select type of caliper placement among 'On to On', 'On to Max Brightness', and 'In to In'.
⑥ Assign to Report	Tap to apply calculated result to the report.

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- * The features mentioned in this document may not be commercially available in all countries. Due to regulatory reasons, their future availability cannot be guaranteed.
- * Do not distribute this internal document to customers unless relevant regulatory and legal affairs officers approve such distribution.
- * This product is a medical device, please read the user manual carefully before use.
- * This document is provided to help you understand the feature.