

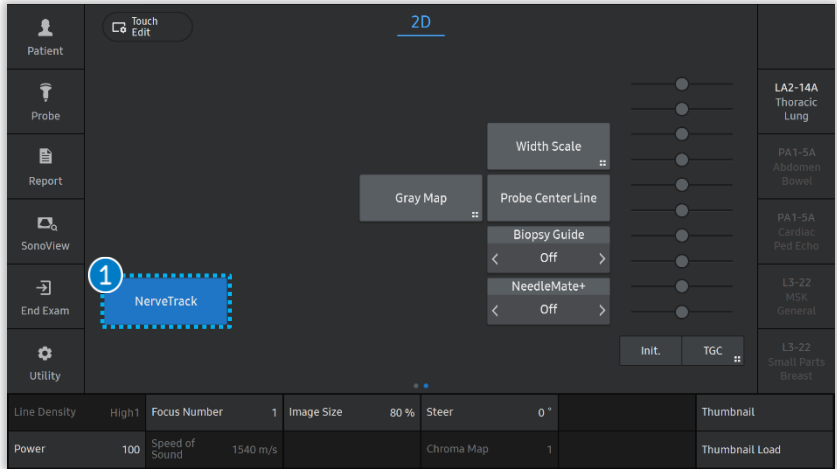
NerveTrack™, EzNerveMeasure™

V series Quick Guide

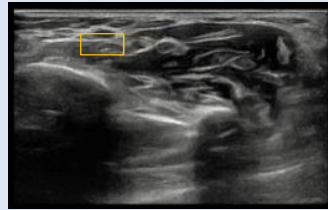


NerveTrack™

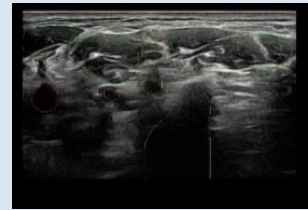
1. Start NerveTrack™



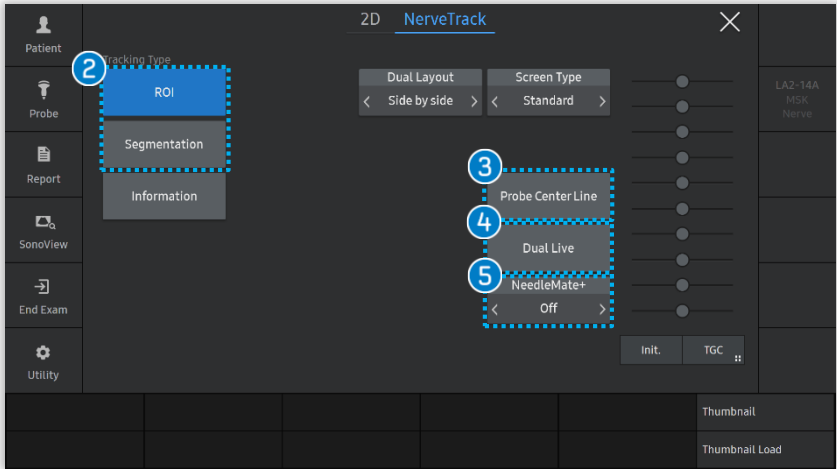
- 1 **NerveTrack™**
Select the NerveTrack™ button on the touch screen.
※ [NerveTrack] ON status can be saved on User preset.
- 2 **Tracking Type**
Select the ROI Type as the 'ROI'.



<ROI>



<Segmentation>

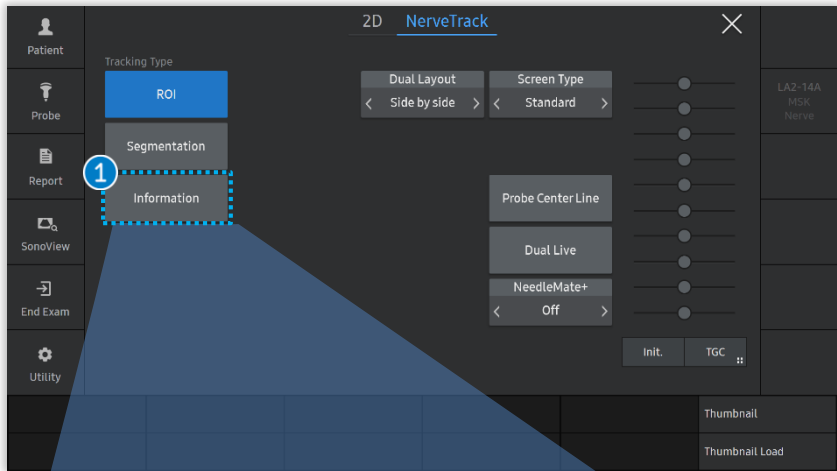


- 3 **Probe Center Line**
Displays 'Probe Center Line' with NerveTrack™.
- 4 **Dual Live**
Displays B-Mode and NerveTrack™ simultaneously with dual layout.
- 5 **NeedleMate+**
Activates NeedleMate+ with NerveTrack™.

★Tips

- ※ Available with NerveTrack™
 - Imaging mode : B-Mode, Color, PD Mode
 - Image Layout : Single/Dual Mode, Trapezoidal Mode
 - Available Tools : Annotation, BodyMarker, Measurement, Caliper

2. Information

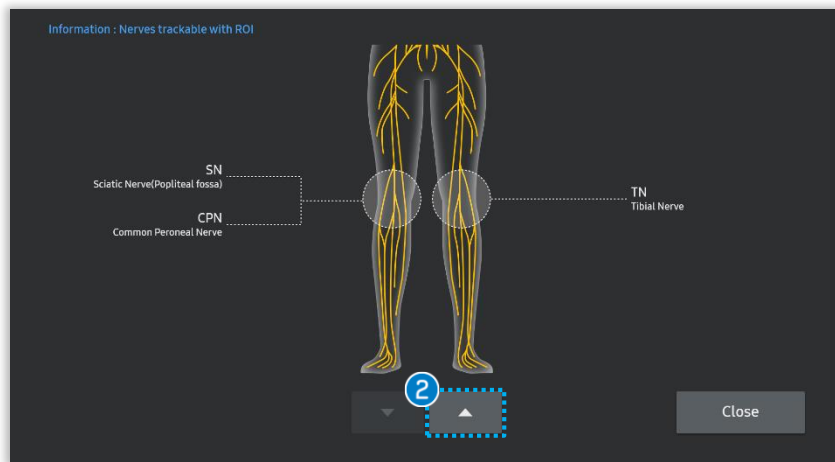
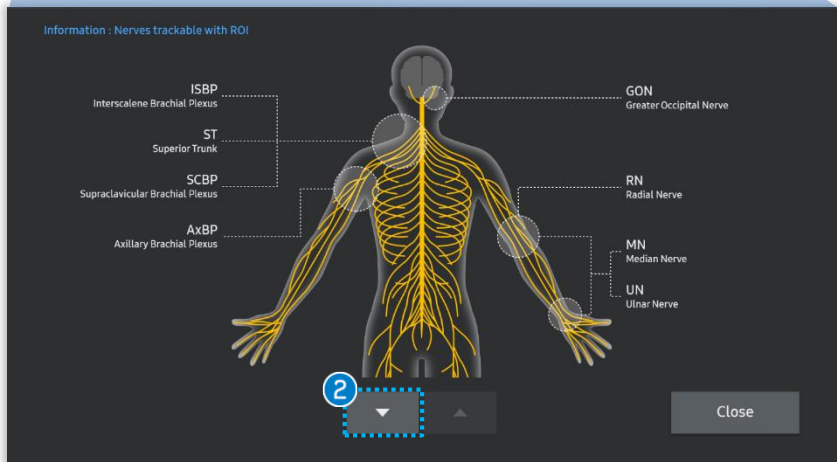


1 Information

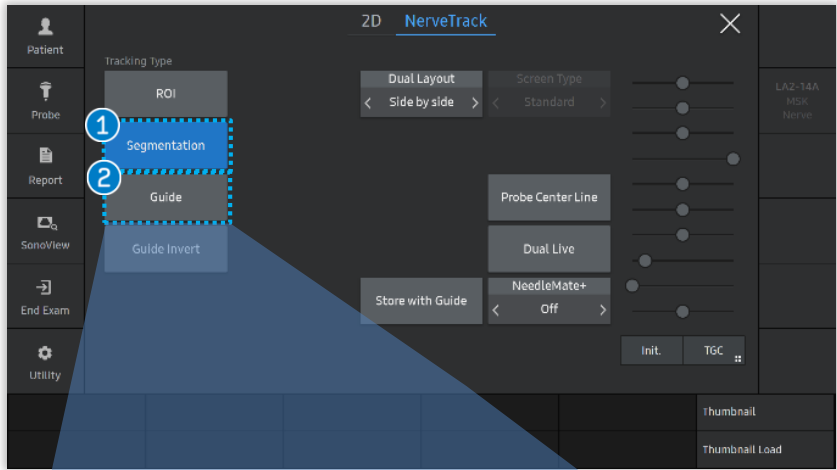
Press the [Information] to display the Information of the nerves trackable with ROI Tracking Type.

2 Upper/ Lower Limb

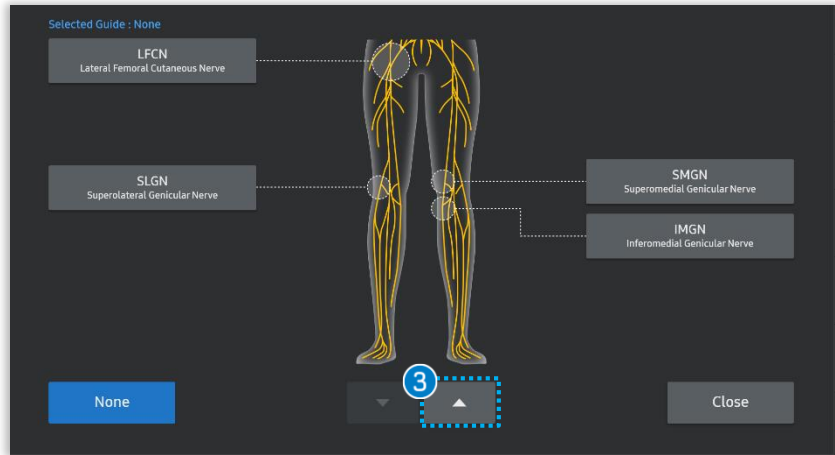
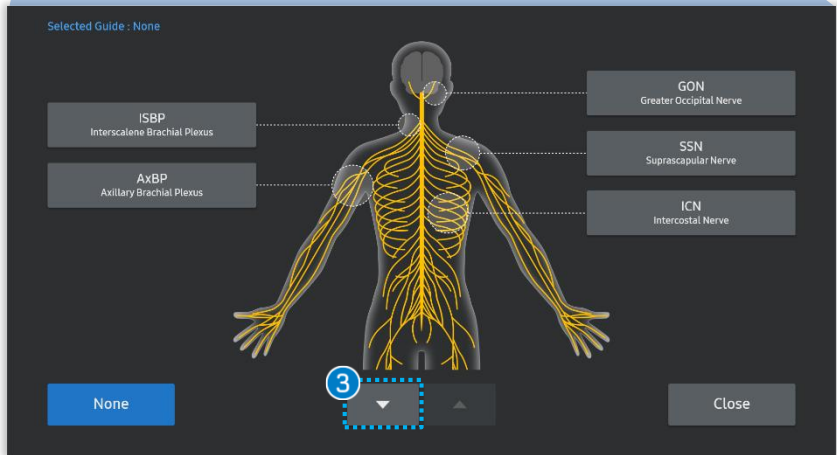
Press [∇] to view the ROI nerves provided in the lower limb
※ Press [Δ] to view the ROI nerves provided in the upper limb



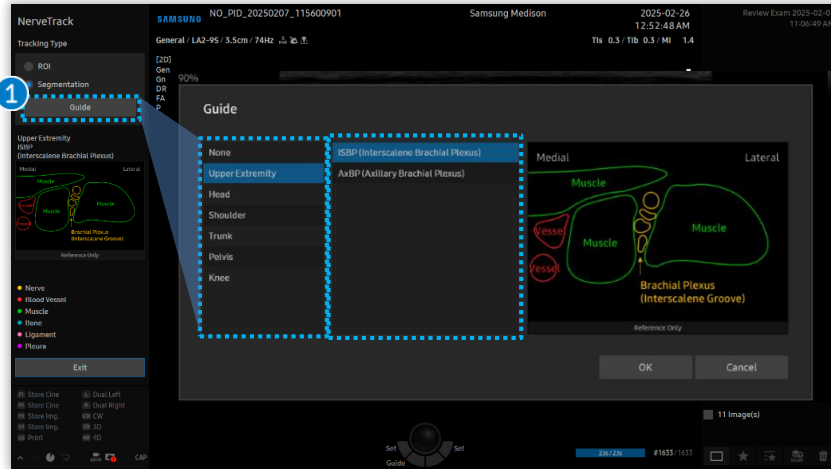
3. Guide (Touch screen)



- 1 Segmentation Select the Tracking Type as 'Segmentation'.
- 2 Guide Press the [Guide] button to view the Guide of the nerve structures being provided. Select each the structure button to display the guide you want to display.
- 3 Upper/Lower Limb Press [▽] to view the segmentation nerves being provided in the lower limb. ※ Press [△] to view the segmentation nerves being provided in the upper limb.



3. Guide (Monitor)



1 Guide

[Guide] can also be selected by clicking on the [Guide] button on left menu of the monitor.

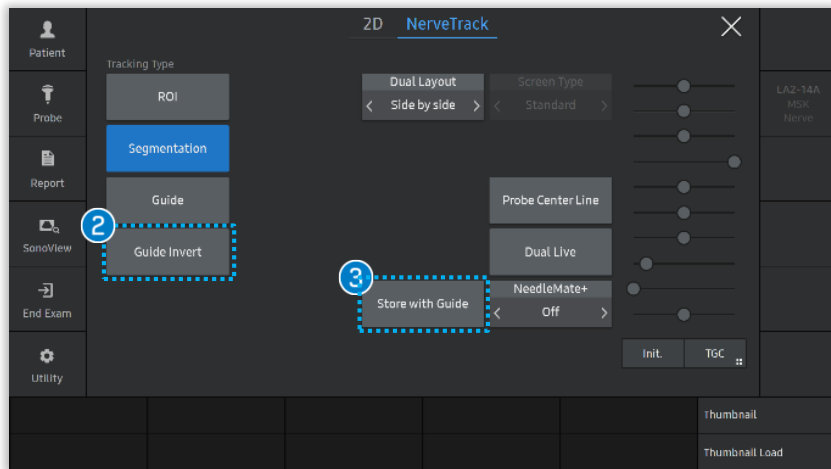
※ To see the preview, click the structure. After selecting the structure, and click the [OK] button to display.

2 Guide Invert

Press [Guide Invert] to invert the guide according to the direction of the probe marker or Rt/Lt structure.

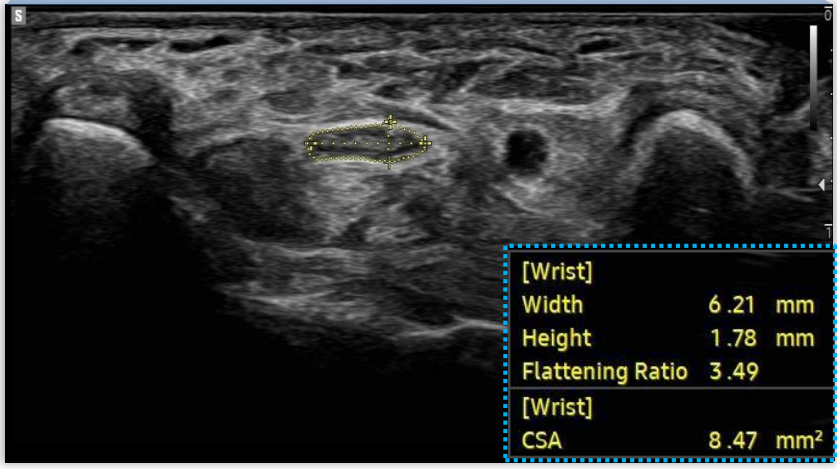
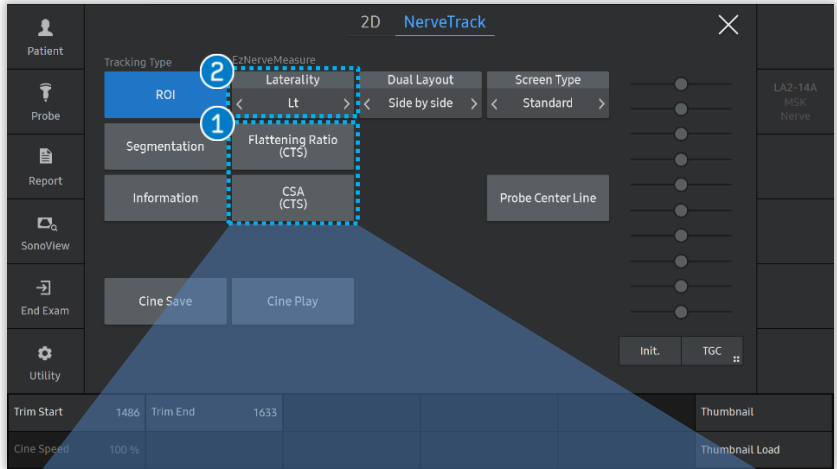
3 Store with Guide

Press [Store with Guide] to save the whole scan image including the left menu.



EzNerveMeasure™

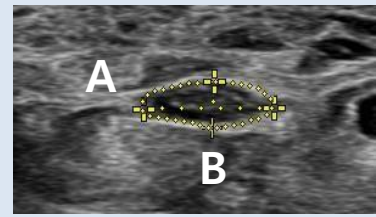
4. Start EzNerveMeasure™



1 EzNerveMeasure

Select the Measurement, [Flattening Ratio] or [CSA].

※ Measurement will be automatically processed, press the [Change] button of the Control Panel to revise the cursor. Confirm your measure with [Set] button



EzNerveMeasure™ : Median Nerve

- a. **Flattening Ratio:** A/B, Calculated by dividing the span of the long axis by that of the short axis of the median nerve at the level of the pisiform bone.
- b. **CSA(Cross-Sectional Area):** The Area of the Median Nerve at the pisiform level of the wrist.

2 Laterality

Assign the laterality by tapping [Laterality] button : Rt. Lt. N/A

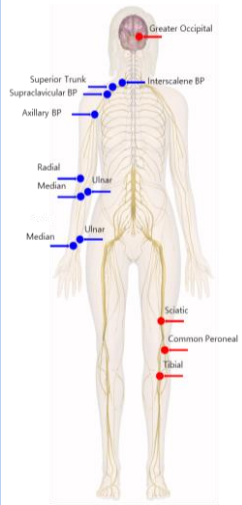
★Tips

- Measure result will be assigned to the Report Page.

NerveTrack™

Nerves supported by each type

[ROI]



Location	Target Nerve
Head	Greater Occipital Nerve (GON)
Upper Extremity	Interscalene Brachial Plexus (ISBP)
	Axillary Brachial Plexus (AxBP)
	Superior Trunk (ST)
	Supraclavicular Brachial Plexus (SCBP)
Wrist	Median Nerve (MN), Ulnar Nerve (UN)
Elbow	Median Nerve (MN)
	Ulnar Nerve (UN)
	Radial Nerve (RN)
Lower Extremity	Sciatic Nerve (SN)
	Common Peroneal Nerve (CPN)
	Tibial Nerve (TN)

[Segmentation]



Location	Target Nerve
Head	Greater Occipital Nerve (GON)
Upper Extremity	Interscalene Brachial Plexus (ISBP)
	Axillary Brachial Plexus (AxBP)
Shoulder	Suprascapular Nerve (SSN)
Trunk	Intercostal Nerve (ICN)
Lower Extremity	Lateral Femoral Cutaneous Nerve (LFCN)
	Superior Lateral Genicular Nerve (SLGN)
	Superior Medial Genicular Nerve (SMGN)
	Inferior Medial Genicular Nerve (IMGN)

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- 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.
- This Use Quick Guide is based on V series V1.06
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