

CrystalVue™

V Series Quick Guide



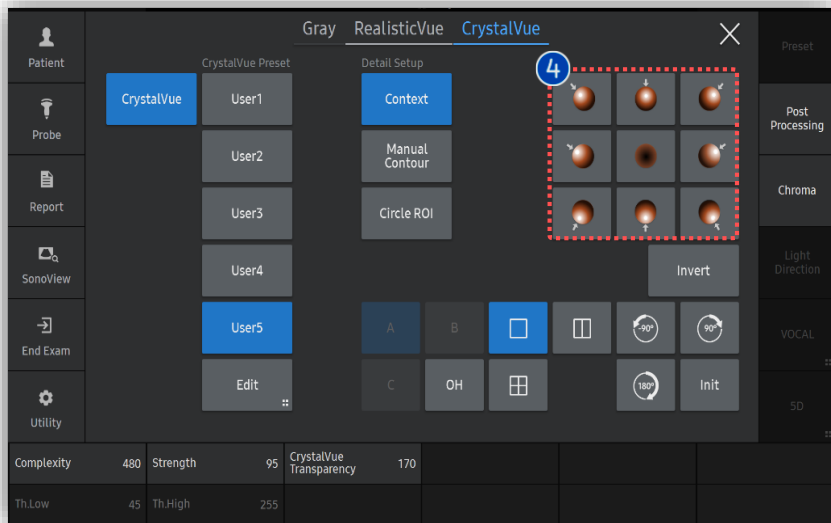
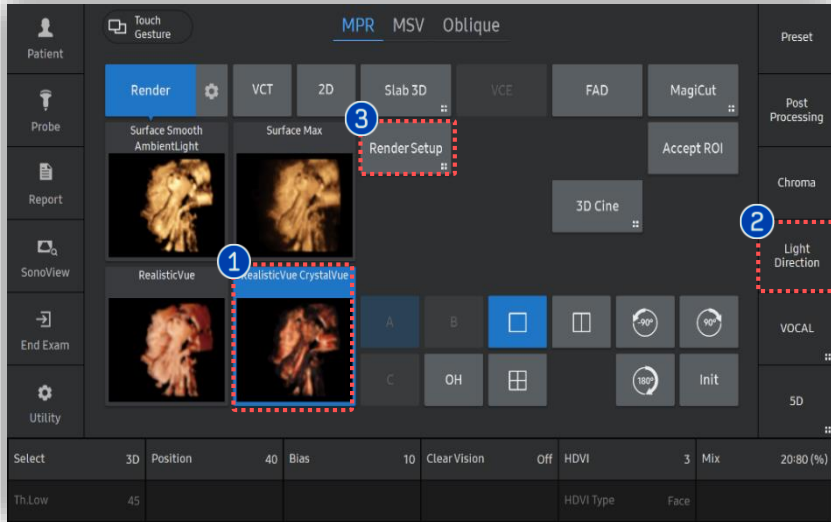
1. Volume Acquisition



① Volume acquisition

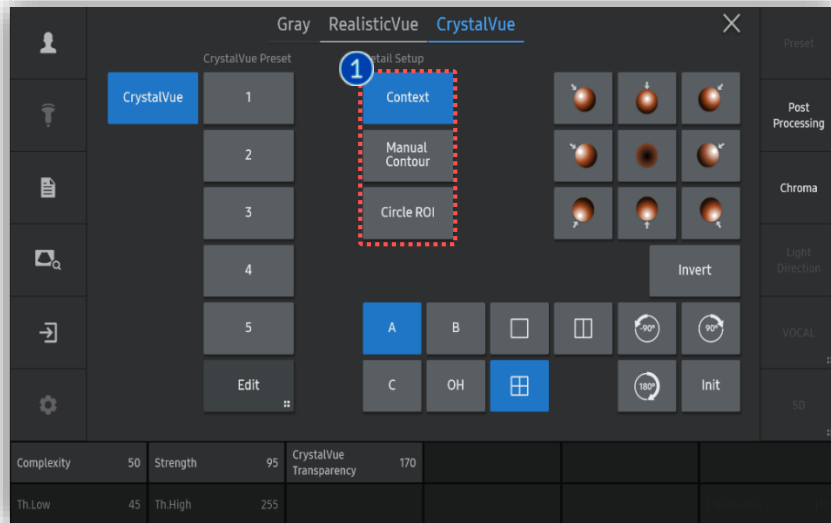
Acquire the volume data with the structure you desire to apply CrystalVue™.

2. Apply CrystalVue™



- | | | |
|---|-----------------------------|---|
| 1 | CrystalVue™ | Tap [CrystalVue] on the touch screen. |
| 2 | Light Direction | Tap [Light Direction] within short cut keys when you adjust the direction of light freely by trackball. |
| 3 | Render Setup | Tap [Render Setup] on the touch screen to adjust parameters of CrystalVue. |
| 4 | Pre-defined Light direction | Tap pre-defined light direction among 9 designated options. |

3. Adjust CrystalVue™ parameters



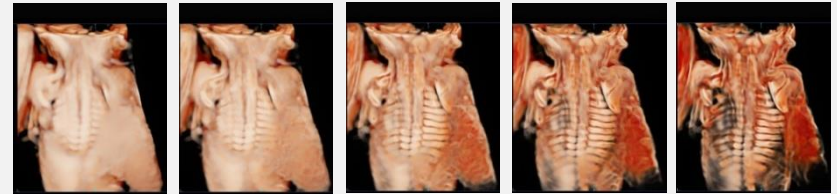
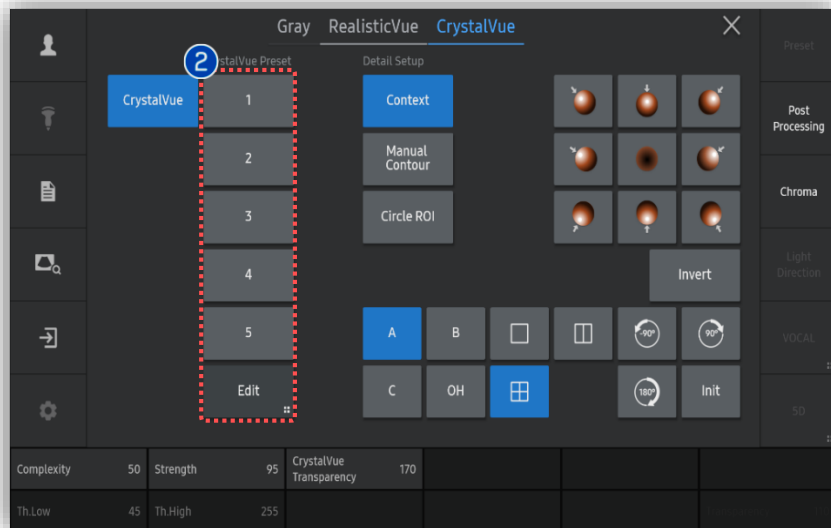
1 ROI Type

Select type of ROI between **Context**, **Manual Contour** and **Circle ROI**.

2 CrystalVue™ Preset

Select one among various pre-defined presets for quick feedback.

- The higher the preset number, the more internal information



1

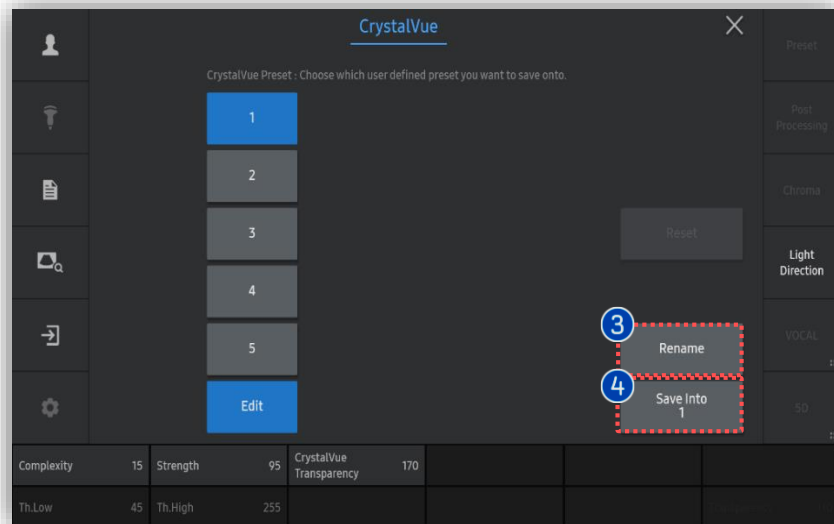
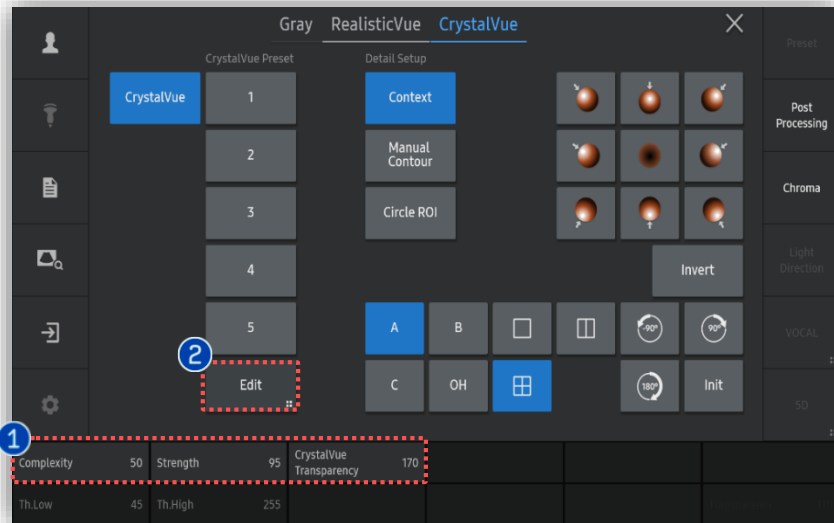
2

3

4

5

4. Edit CrystalVue™ preset



For fine adjustment, use these three parameters.

- **Complexity:** The higher Complexity value, the more context information. The lower value, the more surface information.
- **Strength:** As the Strength value is higher, the context information becomes clearly visible.
- **Transparency:** Level of transparency or opacity.

1 CrystalVue™ Parameters

2 Edit

After parameter adjustment, tap [Edit] to save it.

3 Rename

Tap to designate name of the preset.

4 Save Into

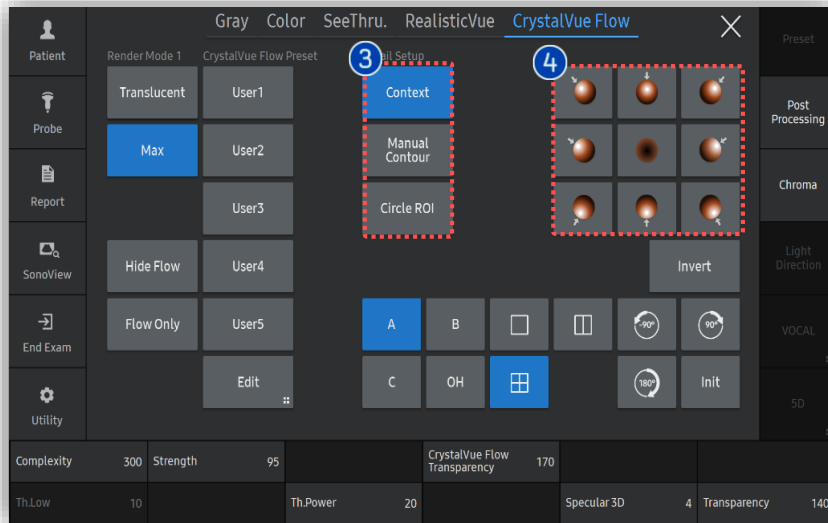
Tap to save into selected preset.

CrystalVue Flow™

V Series Quick Guide



1. Apply CrystalVue Flow™



Acquire Volume image with Doppler method such as Color, Power and S-Flow.

① CrystalVue Flow

After acquisition, tap [Crystalvue Flow].

② Render Setup

Tap [Render Setup] to adjust parameters of CrystalVue Flow.

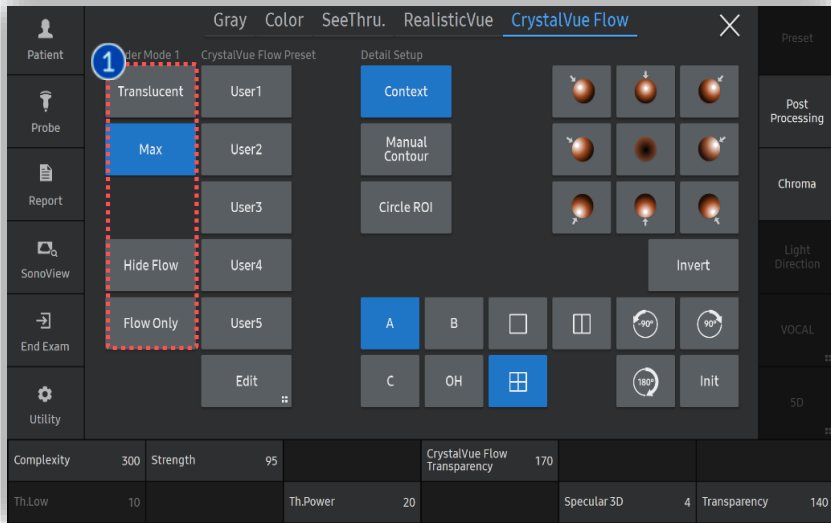
③ ROI Type

Select type of ROI between Context, Manual Contour and Circle ROI.

④ Pre-defined Light Direction

Tap pre-defined light direction among 9 designated options.

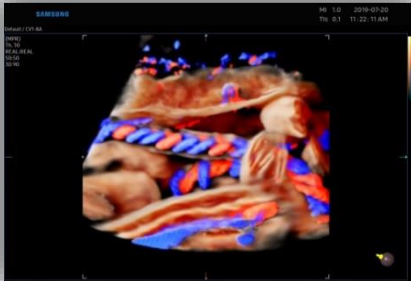
2. Apply CrystalVue Flow™



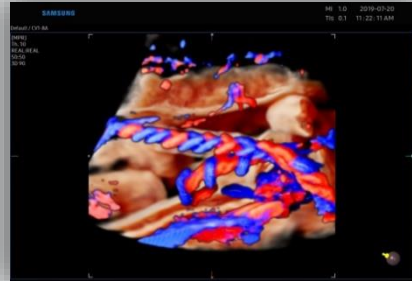
1 Display Mode

You can select display mode among various options below.

- **Translucent:** Color signal will be represented within tissue signal
- **Max:** Color signal will be represented in maximum intensity
- **Hide Flow:** Only tissue signal will be represented
- **Flow Only:** Only Doppler signal will be represented



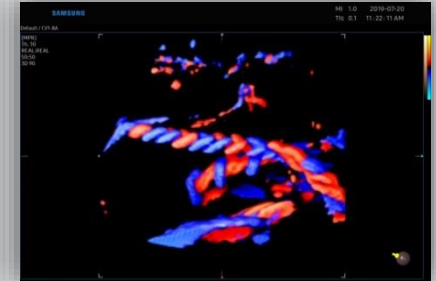
Translucent



Max

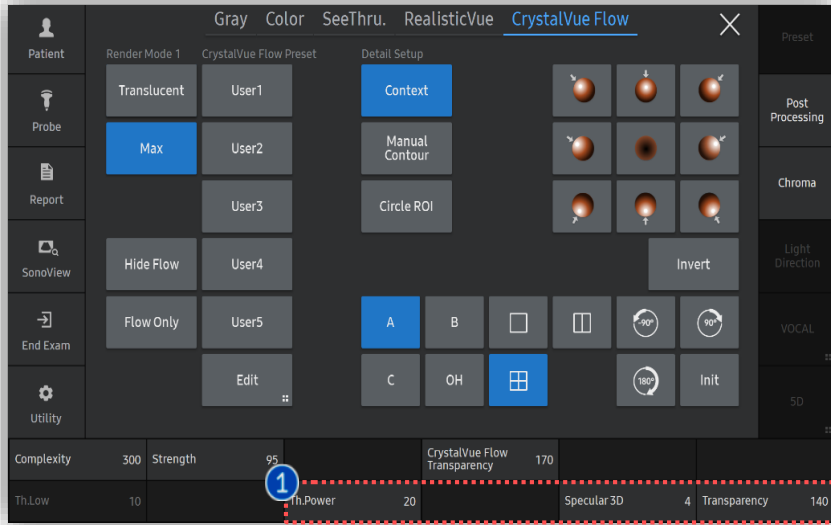


Hide Flow



Flow Only

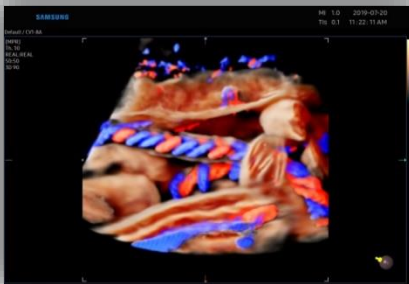
3. Adjust the Color Parameters



1 Color Parameters

You can adjust parameters of Color signal.

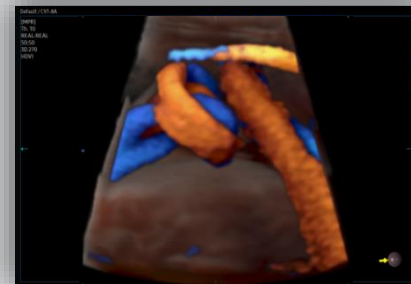
- **Th.Power:** As Th.Power increases, overall color signal will be gradually eliminated
- **Specular 3D:** As the index increases, there are more watery effect applied
- **Transparency:** The lowest value(20) is for transparent color signal, and the highest value(250) is for opaque color signal.



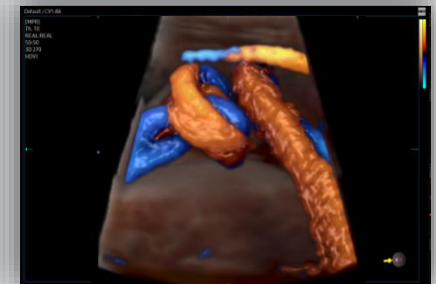
Th.Power 0



Th.Power 250

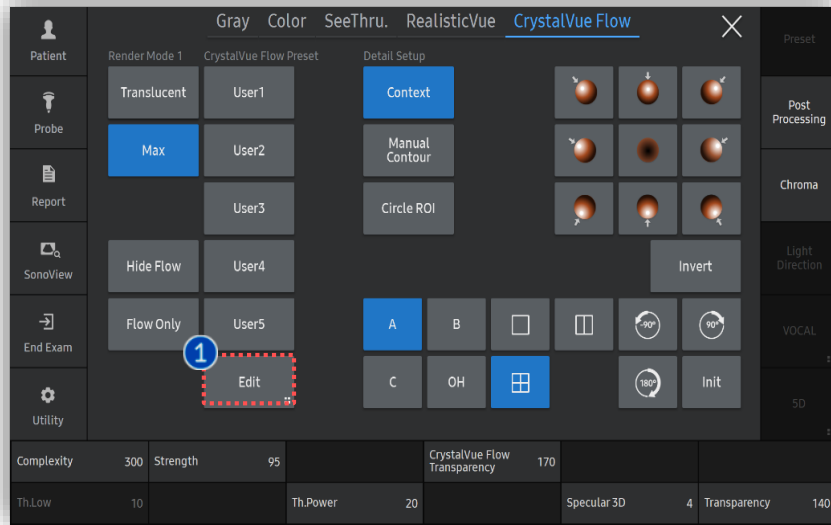


Specular 3D Off

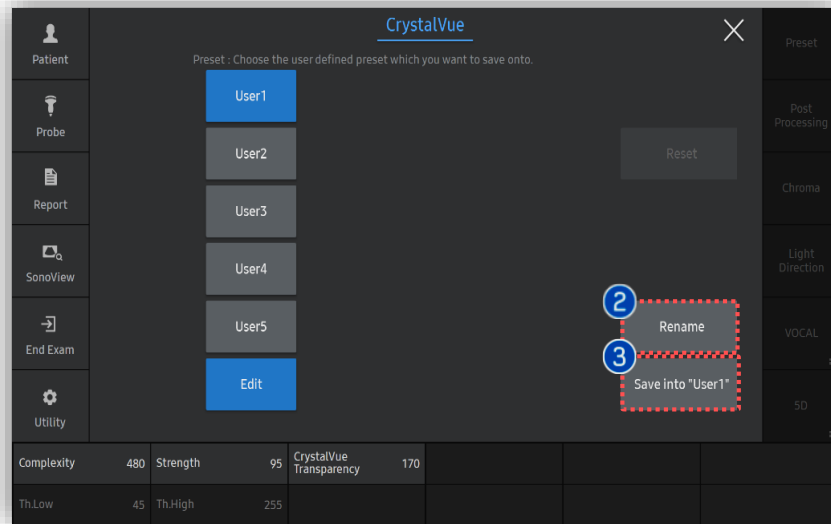


Specular 3D Lv.5

4. Edit CrystalVue Flow™ Preset



- | | |
|-------------|--|
| 1 Edit | After parameter adjustment, tap [Edit] to save it. |
| 2 Rename | Tap to designate name of the preset. |
| 3 Save Into | Tap to save into selected preset. |



- 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 V series 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 V series V1.05.
- Disclaimer: Some Images in this content were obtained from other system.

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