theSUITE

RealisticVue™

High resolution and natural skin expression with optimized volume filter
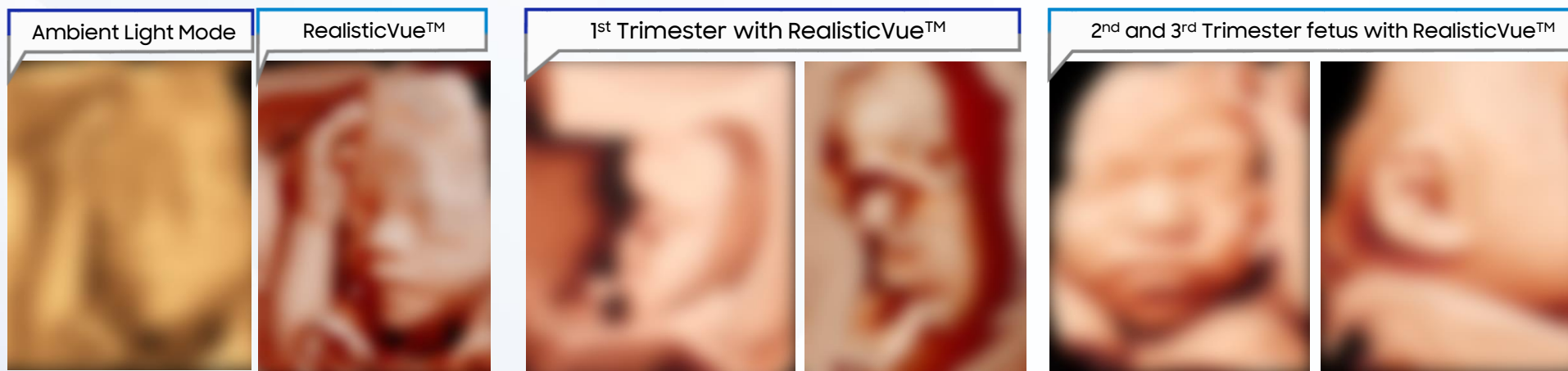
Tips & Tricks

RealisticVue™

Clinical Values

Clinical Benefits

- Enhancing stereoscopic depth and volumetric effect with local shading.
- Displays high resolution 3D anatomy with exceptional detail and realistic depth perception.
- User selectable light source direction creates intricately graduated shadows for better defined anatomical structures.
- Helpful to demonstrate detailed malformation criterions and may give a precise view such as palpebral fissures for down syndrome, cleft lip and early anomalies like gastroschisis with a light source adjustment.

Clinical Cases

- Create a wonderful realistic fetus volume images on all stage of gestation with RealisticVue™.

Ambient Light Mode

RealisticVue™

1st Trimester with RealisticVue™

2nd and 3rd Trimester fetus with RealisticVue™

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RealisticVue™

Configuration

Checklist

▪ **Options** : RealisticVue™

▪ **Transducer/Application/Preset** : Volume Transducer

Tips & Ticks

01. Quick Light Direction change in manual way

- Trackball action is assigned as Light Direction by Clicking the contextual button of the Control Panel.
- Light Direction is changing according to a trackball movement, helpful to emphasize specific structures
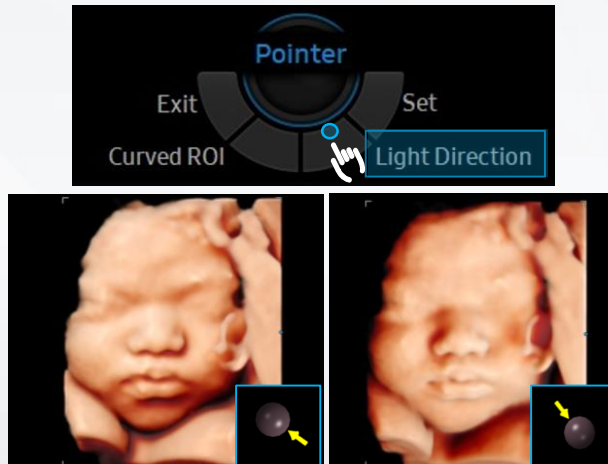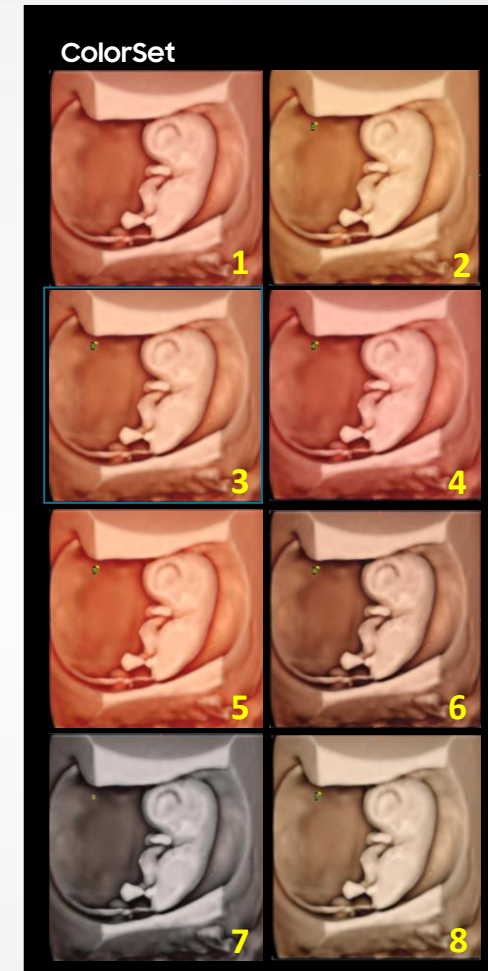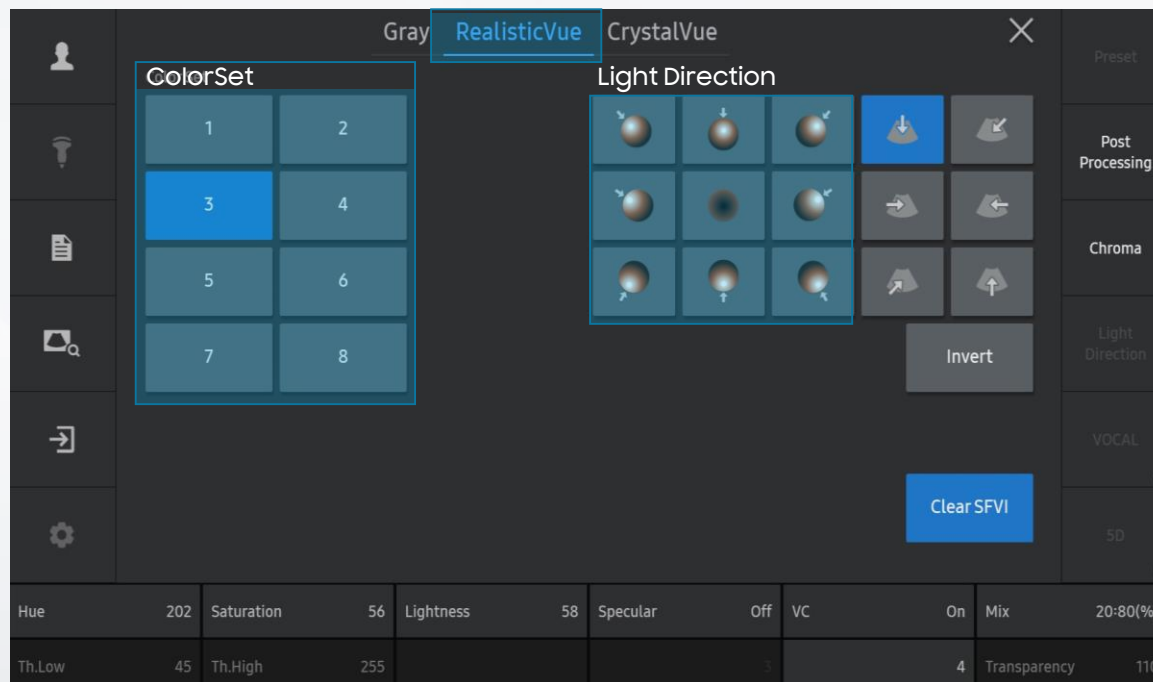

02. Go to Render setup for more detailed setting.

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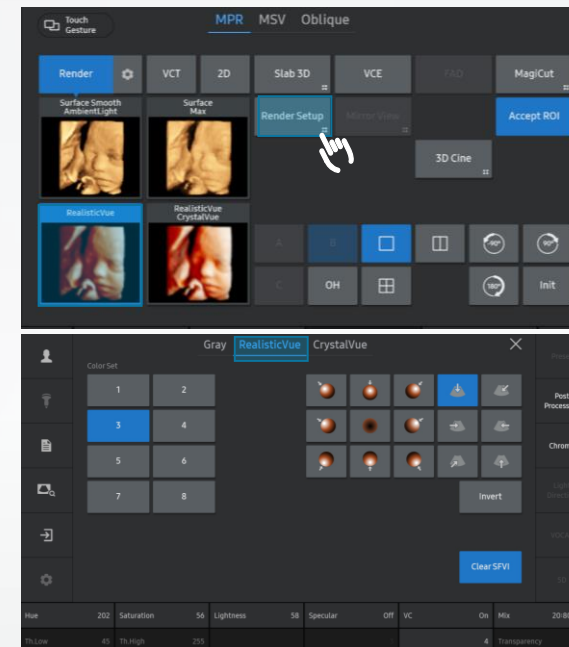
03. For more details of RealisticVue™ : RenderSetup (1)

- **ColorSet :** Total 8 colors are provided, each color set has its own hue, saturation, lightness combination. (Default : 3)
- **Light Direction :** Switch the light source direction quickly in 9 ways.
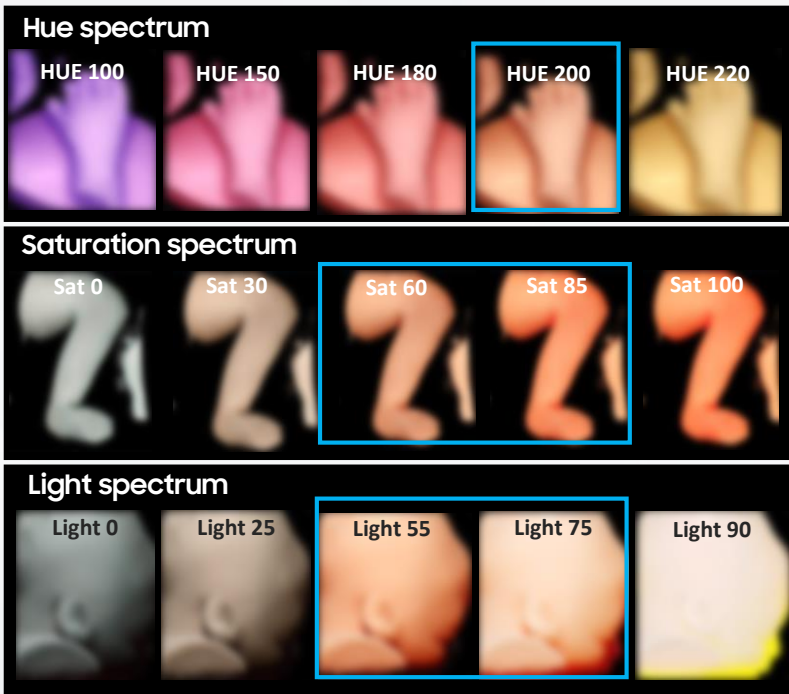
03. For more details of RealisticVue™ : RenderSetup (2)

▪ **Hue, Saturation, Lightness** : Configure the color settings.

Hue spectrum

| HUE 100 | HUE 150 | HUE 180 | HUE 200 | HUE 220 |

Saturation spectrum

| Sat 0 | Sat 30 | Sat 60 | Sat 85 | Sat 100 |

Light spectrum

| Light 0 | Light 25 | Light 55 | Light 75 | Light 90 |

Hue	202	Saturation	56	Lightness	58	Specular	Off	VC	On	Mix	20:80(%)
Th.Low	45	Th.High	255						4	Transparency	110

⬋ Default : Realistic Vue Color set 3

⬋ Modified View : More Brighter and Vivid look

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03. For more details of RealisticVue™ : RenderSetup (3)

▪ **Volume image parameters : VC, Specular**
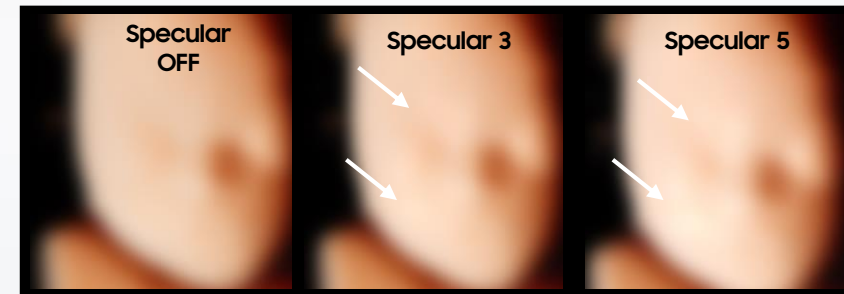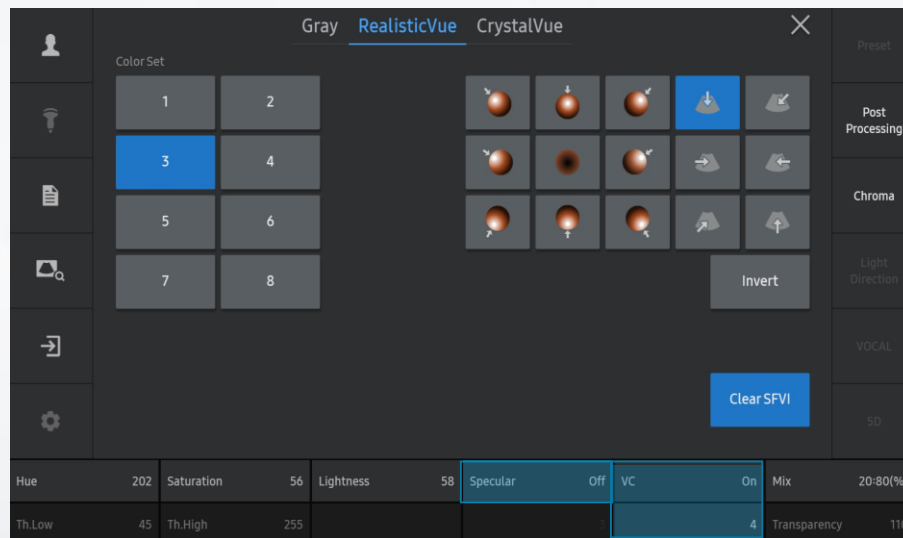
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