Anatomage

How to Control Volume Visibility
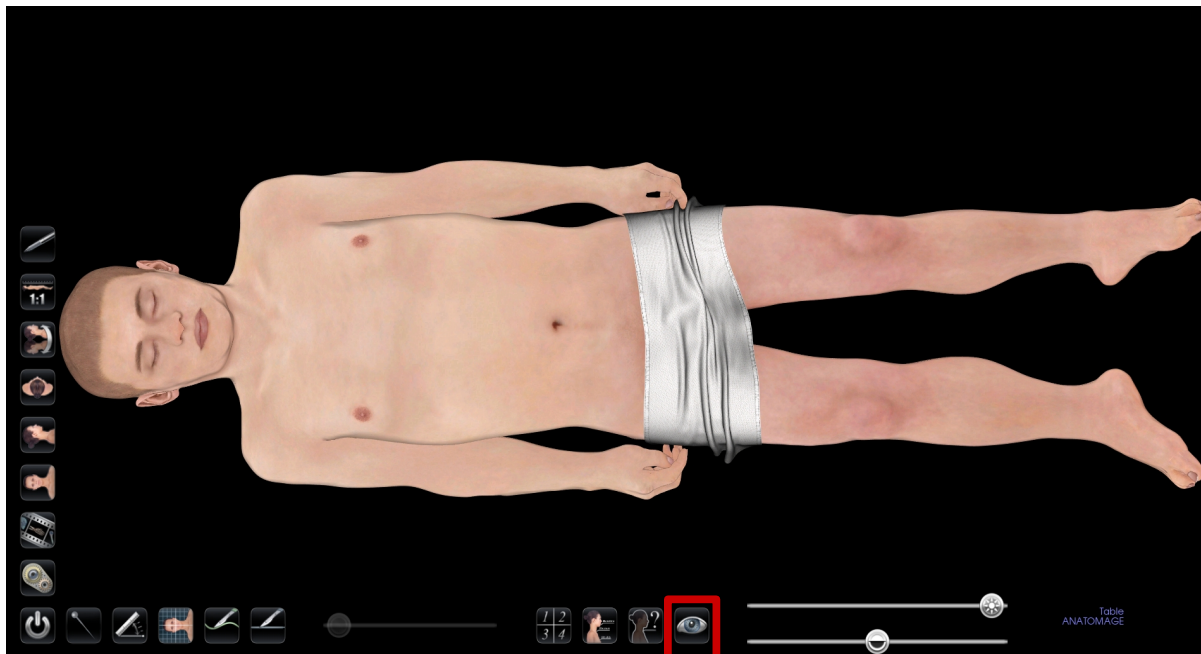
[Control volume visibility for Male/Female Full Body Scans and High Res Regional Scans](#)
[Control volume visibility for Female Full Body with Models and DCM/INV files](#)

Control volume visibility for Male/Female Full Body Scans and High Res Regional Scans

Step 1: Open up file in Table application (Example shows Male Full Body Scan).
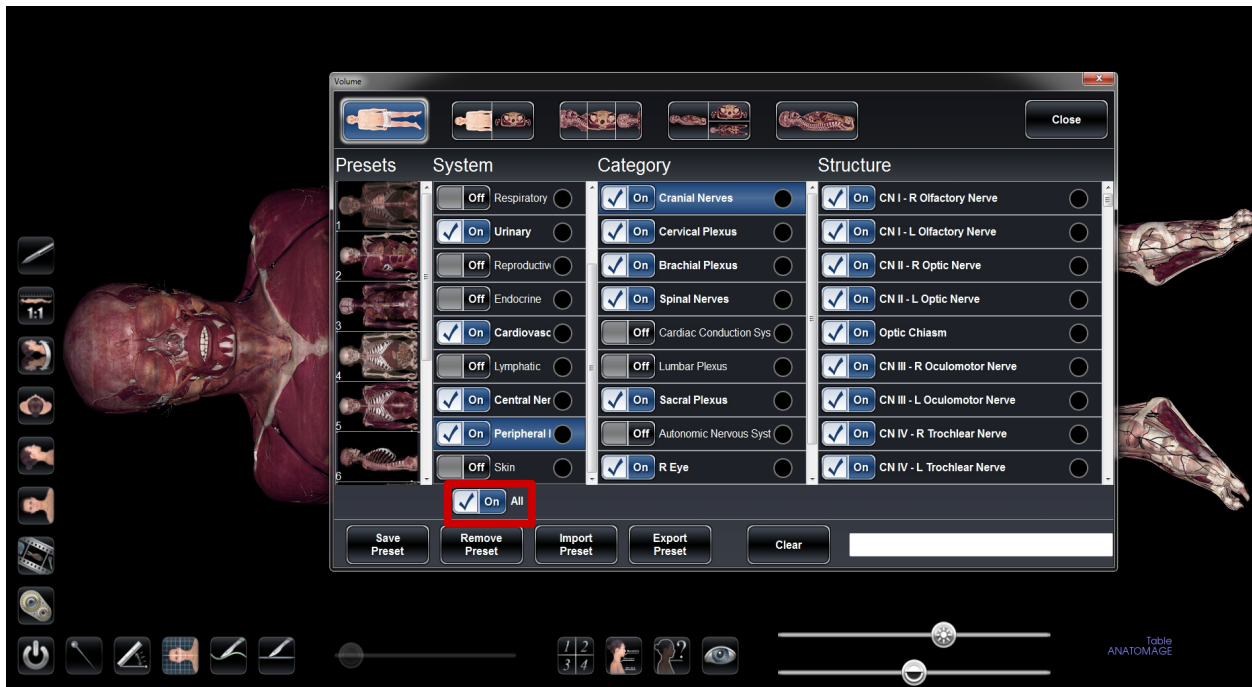
Step 2: Tap on the Volume Visibility Control icon.

Continue to next page

Step 3: Volumes are organized into systems, categories, and structures. Tap an entry name to show associated subsystems. Selected entry name will be highlighted blue. Tap On/Off icon to turn each entry or subsystem on/off.
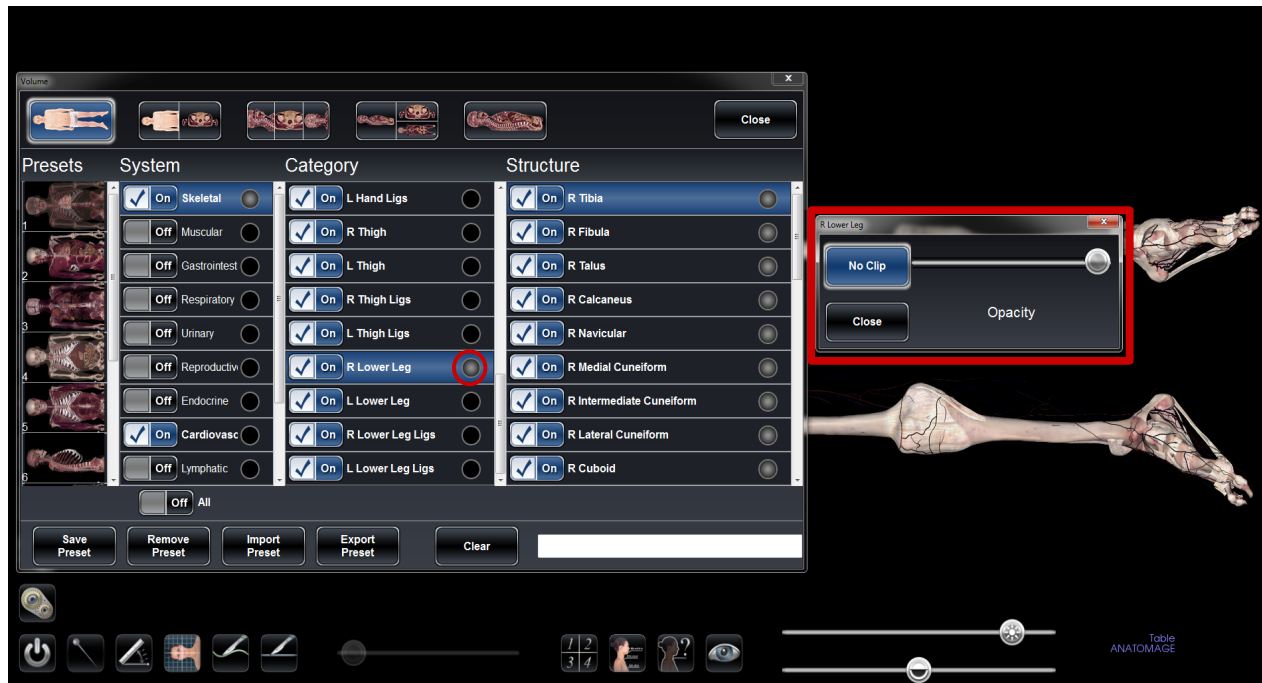

Step 4: To turn off all volumes, tap the On/Off icon at the bottom of the system list.
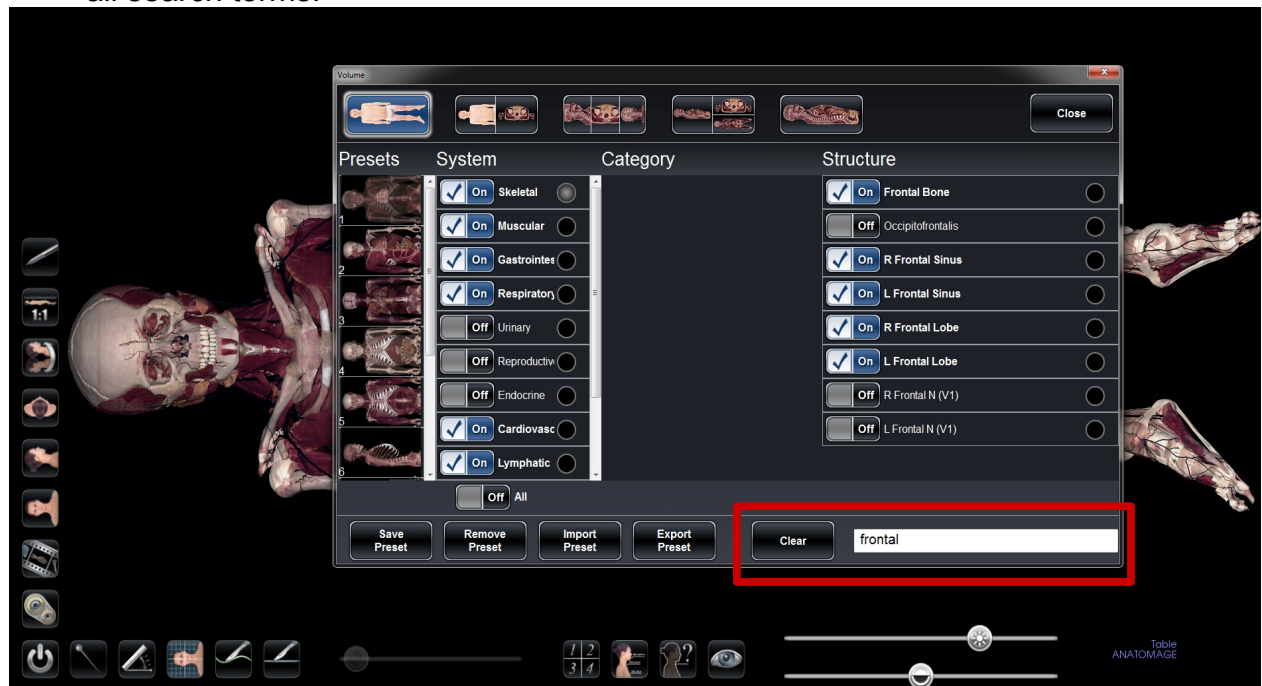
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Step 5: Tap the circle icon next to an entry name to adjust opacity and "No Clip" settings. If adjusted, the circle icon will turn gray. Any adjustment made to a System affects all the Categories and Structures under that System and any adjustment made to a Category affects all the Structures under that Category. If the No Clip setting is enabled, the volume cannot be sliced through. The slider bar adjusts the volume transparency.
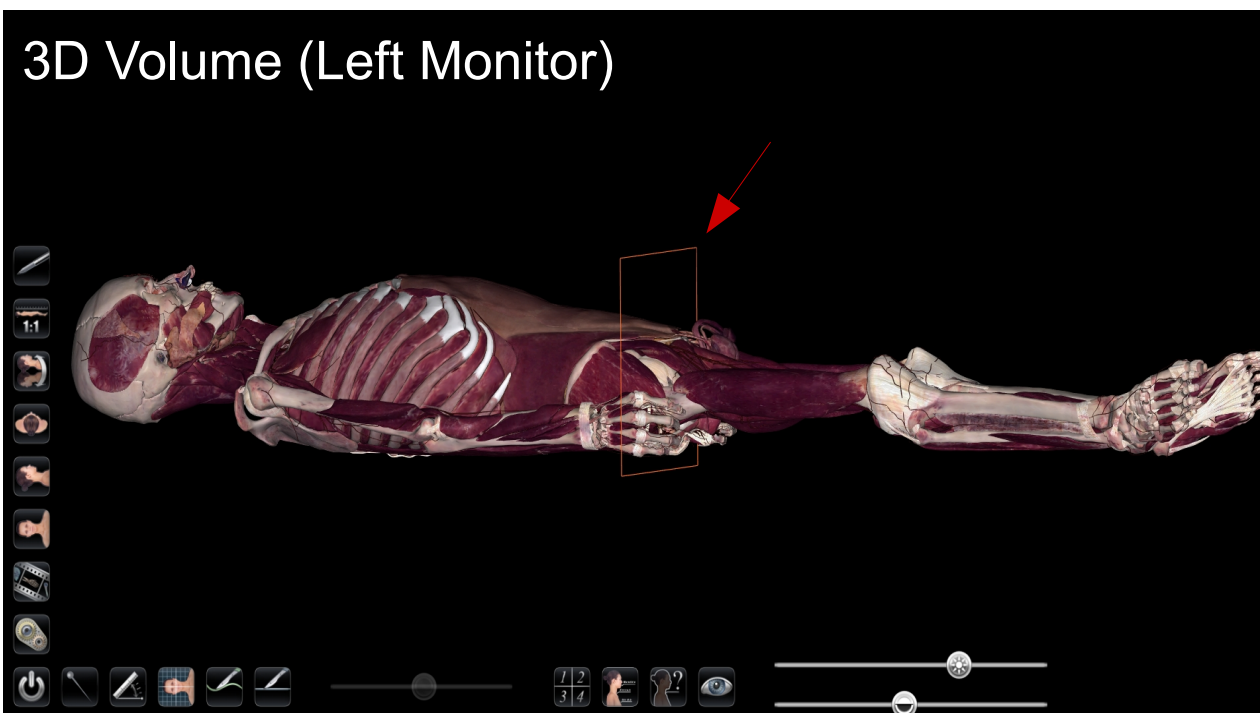

Step 6: The search bar allows the user to search for a particular structure. Tap **Clear** to clear all search terms.

Step 7: Tap the **Layout Icons** at the top of the menu to switch between viewing the 3D volume and/or slice images

Step 8: When viewing the volume side-by-side with the slice images, an outlined plane will appear around the volume. This plane will update its position based on the slice currently being viewed.

3D Volume (Left Monitor)

You can change the viewing plane of the slice images by selecting one with the plane cutting tool. The outlined plane on the 3D volume will update based on your selection.
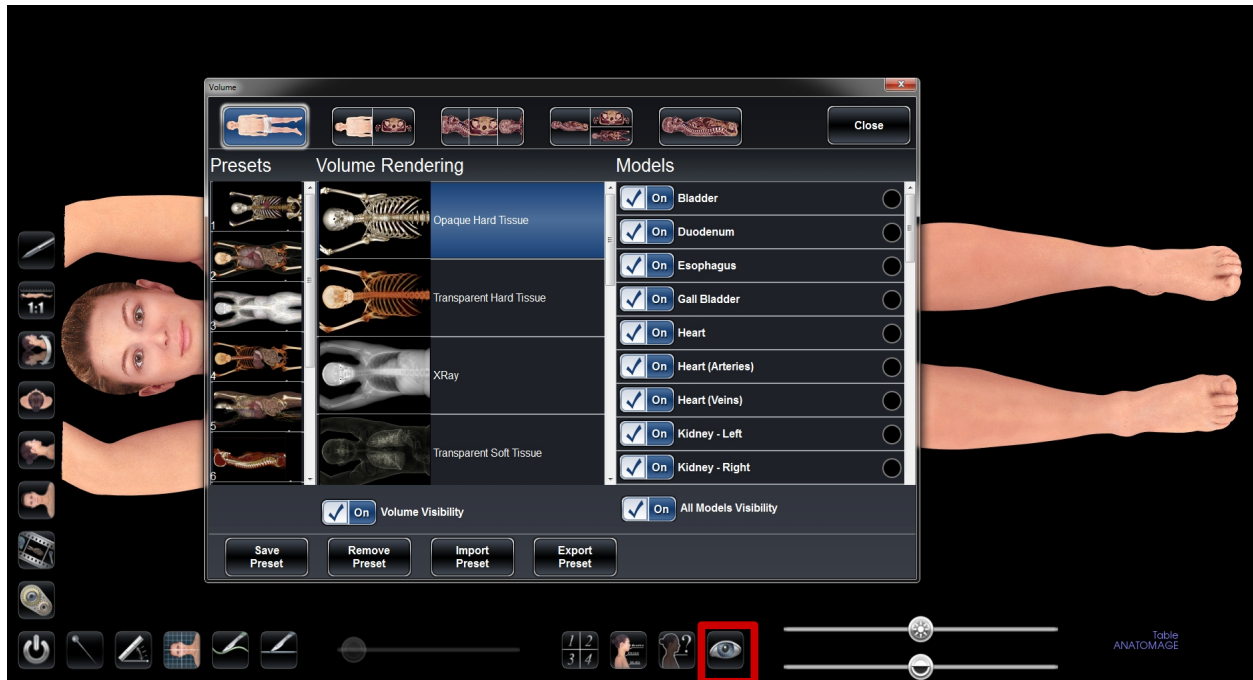

Slice Images (Right Monitor)

Note: When viewing a layout with multiple cross-section slice images, scrolling through one view will update the outlined planes in all other views as well. 3 finger scrolling will work on both the 3D volume and slice images.

Control volume visibility for Female Full Body with Models and DCM/INV files

Step 1: Open up file in Table application (Example shows Female Full Body with Models).

Step 2: Tap the Volume Visibility Control icon. A Models dialog will appear.

Step 3: The various models on the right can be turn on/off by tapping the check box next to each entry.

Volume Visible: Turns on/off volume rendering.
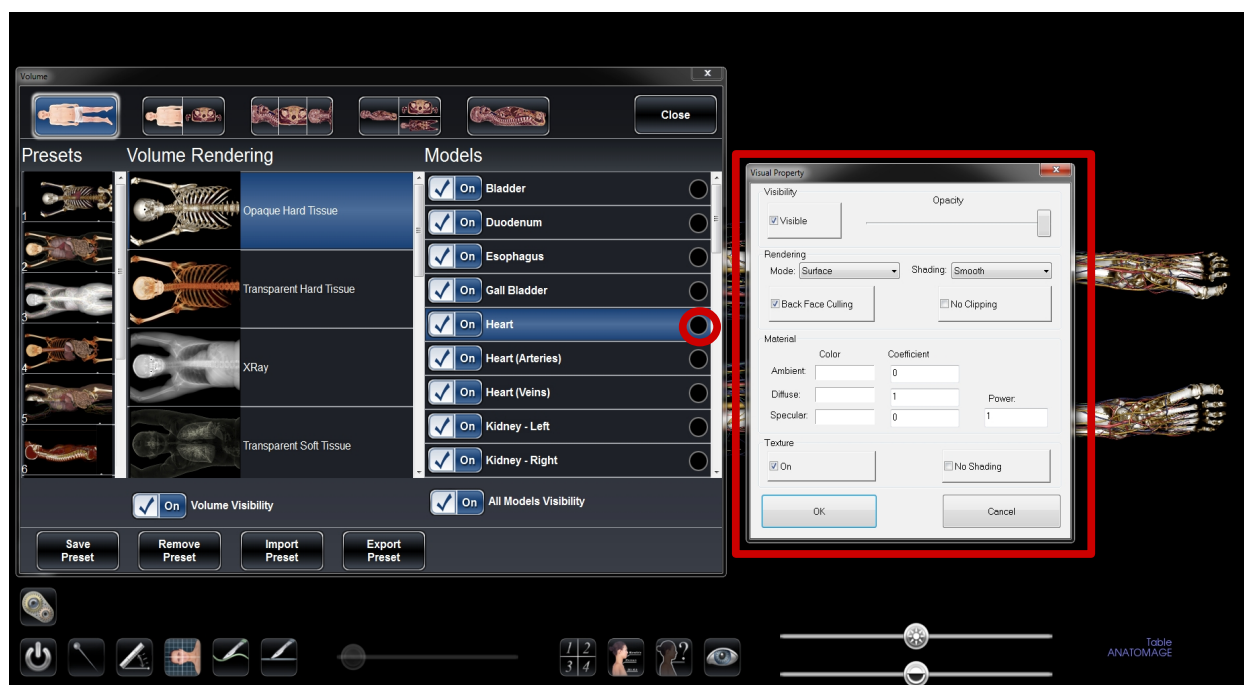**All Models Show:** Turns all model visibility on.
All Models Hide: Turns all model visibility off.

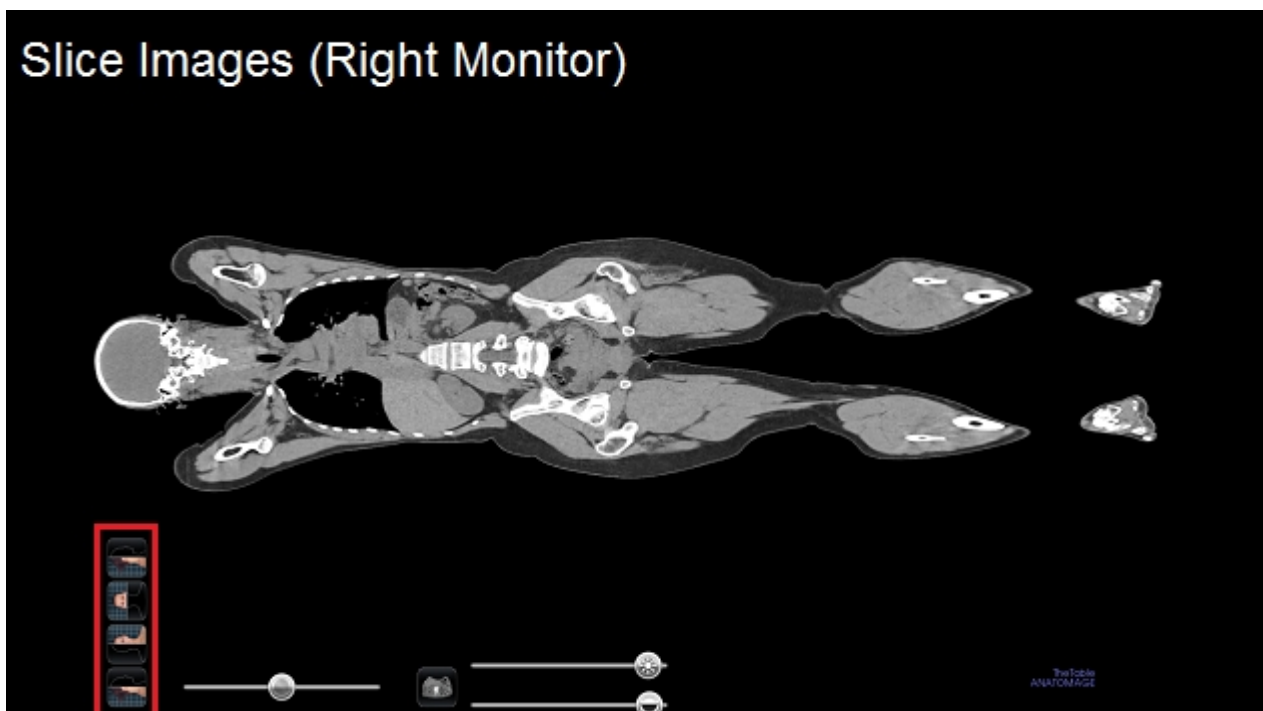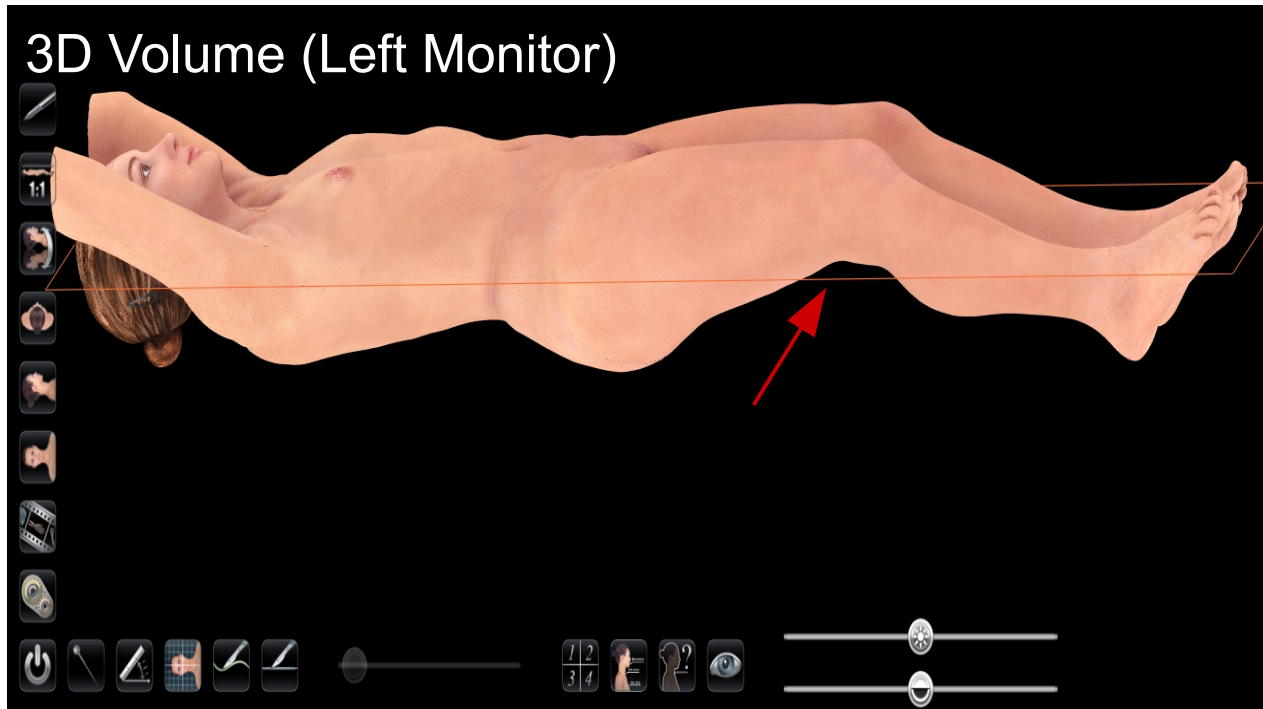**Brightness:** Adjusts brightness range (density)
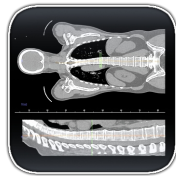**Contrast:** Adjusts contrast range (fine-adjust)

Volume Renderings: Collection of different volume rendering presets. Each can be adjusted using the Brightness and Contrast settings or the Rendering Slider Bars on the main Table user interface. Users can create their own custom volume rendering presets using the Invivo5 software. This setting can be exported as a volume configure file (*.vcf*). Tapping the Custom icon loads in a *.vcf* file.

Step 4: Individual models can be adjusted by tapping on the model name, then tapping the circle icon on the right. A *Visual Property* window will appear, with various options for adjusting the appearance of the model in the rendering window.

Step 5: Tap the **Layout Icons** at the top of the menu to switch between viewing the 3D volume and/or slice images. An outlined plane will appear on the 3D volume when viewed simultaneously with the slice images, and its position will update based on the slice being viewed. The outlined plane will also update when the slice images are switched between axial, coronal, and sagittal views.

Step 6: Tap the CT Presets icon to view various radiology presets. Use a second tap to select a particular preset.

Note: CT presets are dependent upon original scanner/DCM HU definitions.

End of How to Document.