3DICOM Learn

How to use 3DICOM Viewer

Measuring & Navigating in 2D & 3D Layouts

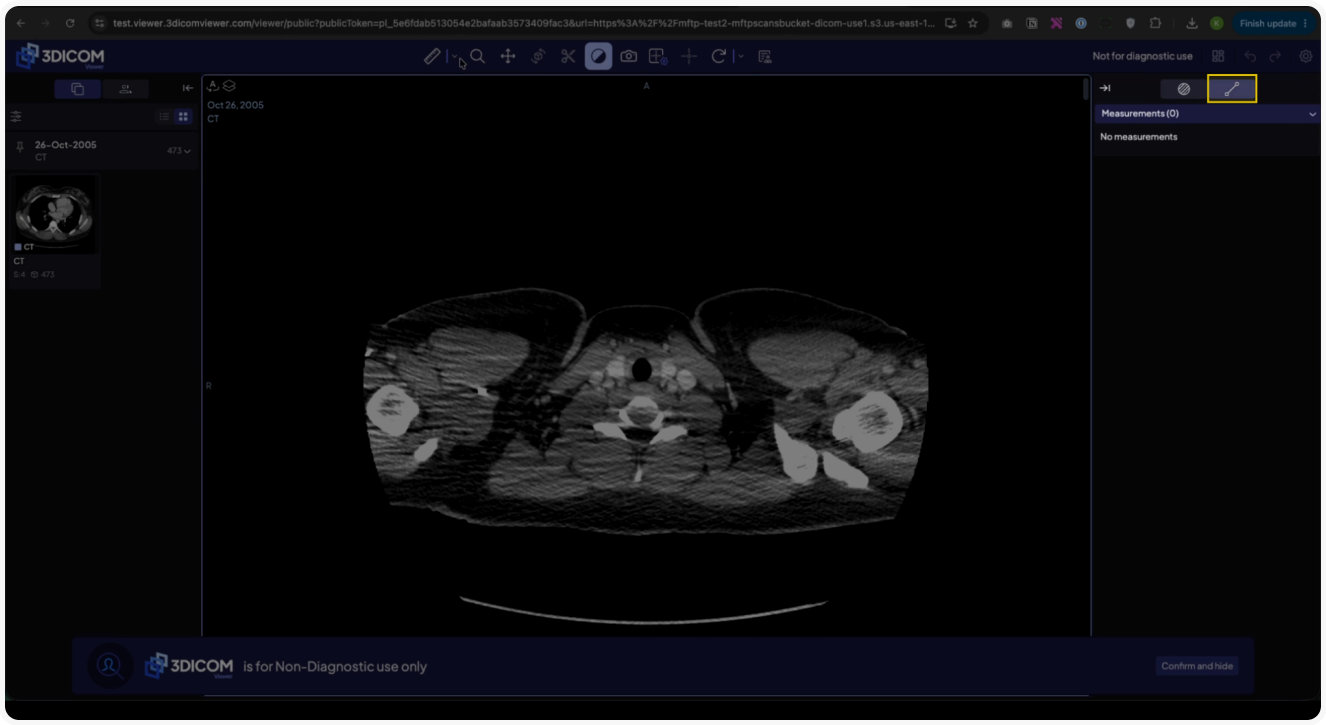
Overview

This guide walks you through adding measurements and annotations to your medical scans, and shows how to explore data using 3D and multi-panel layouts in 3DICOM.

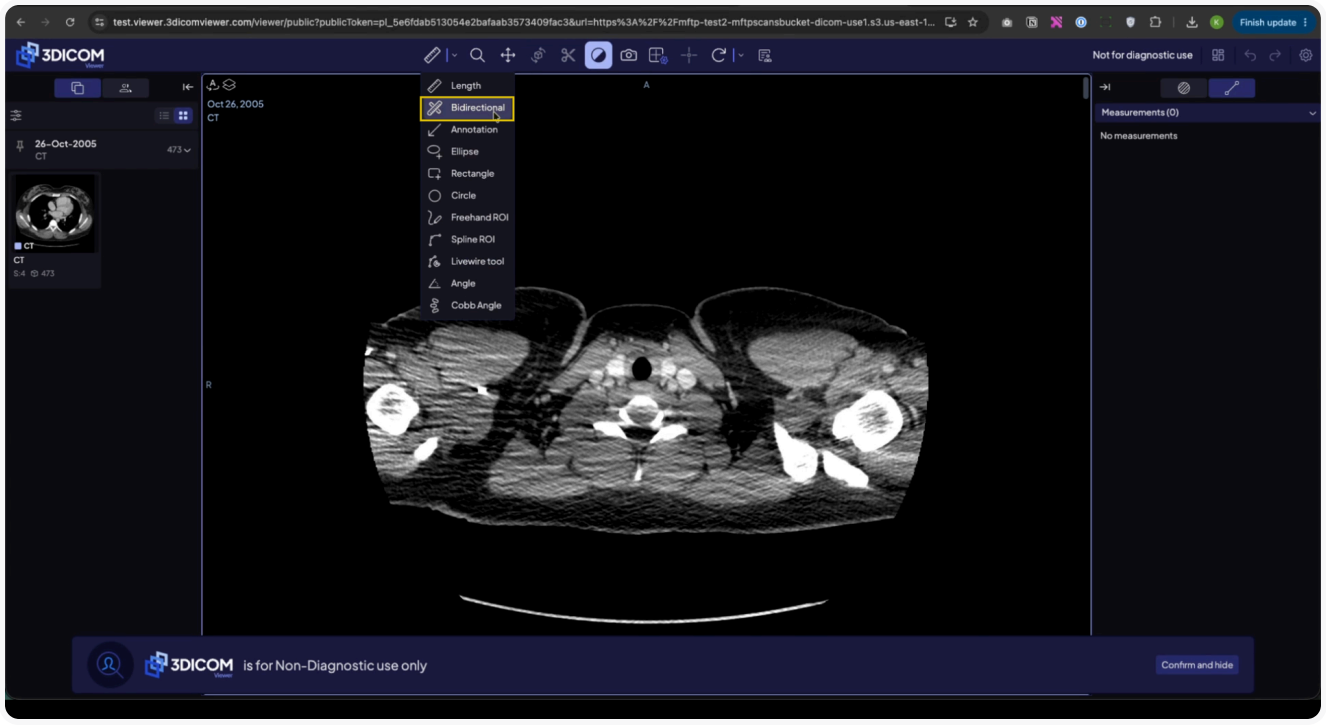
Step-by-step instructions

Add measurements to your scan

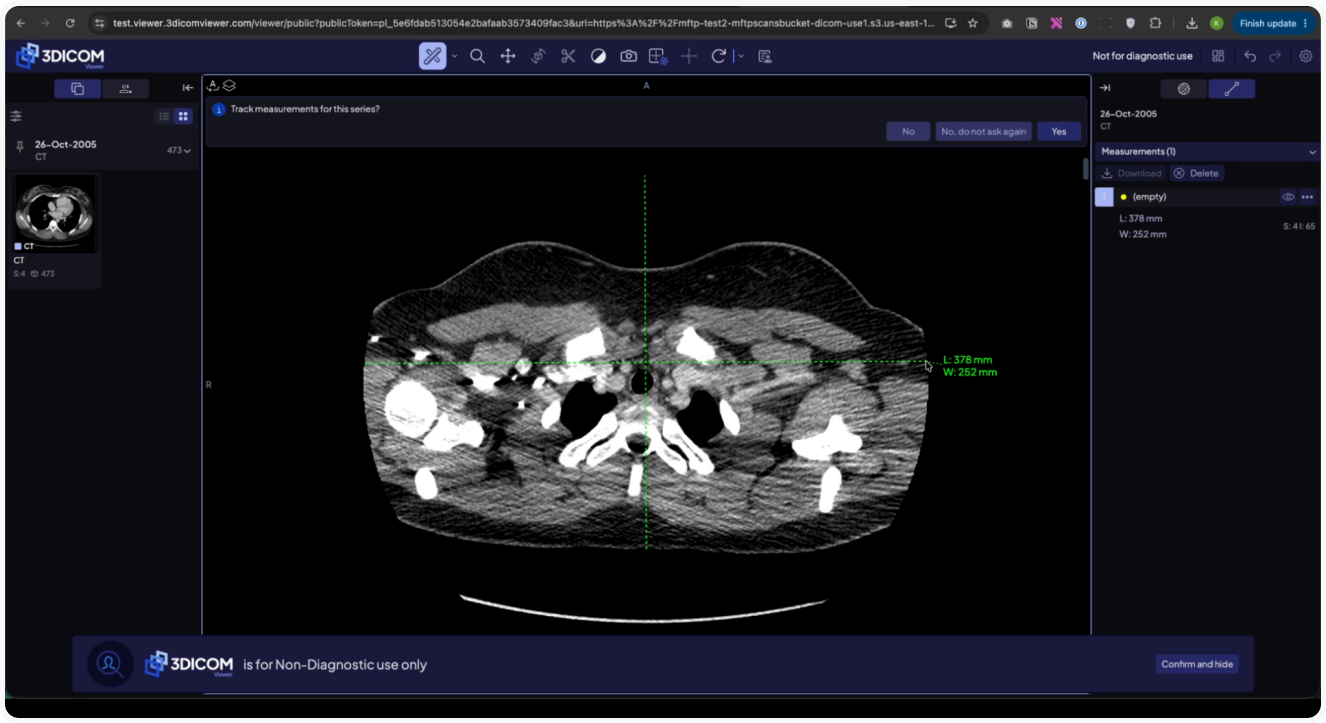
Step 1. Open the **Measurement** menu.



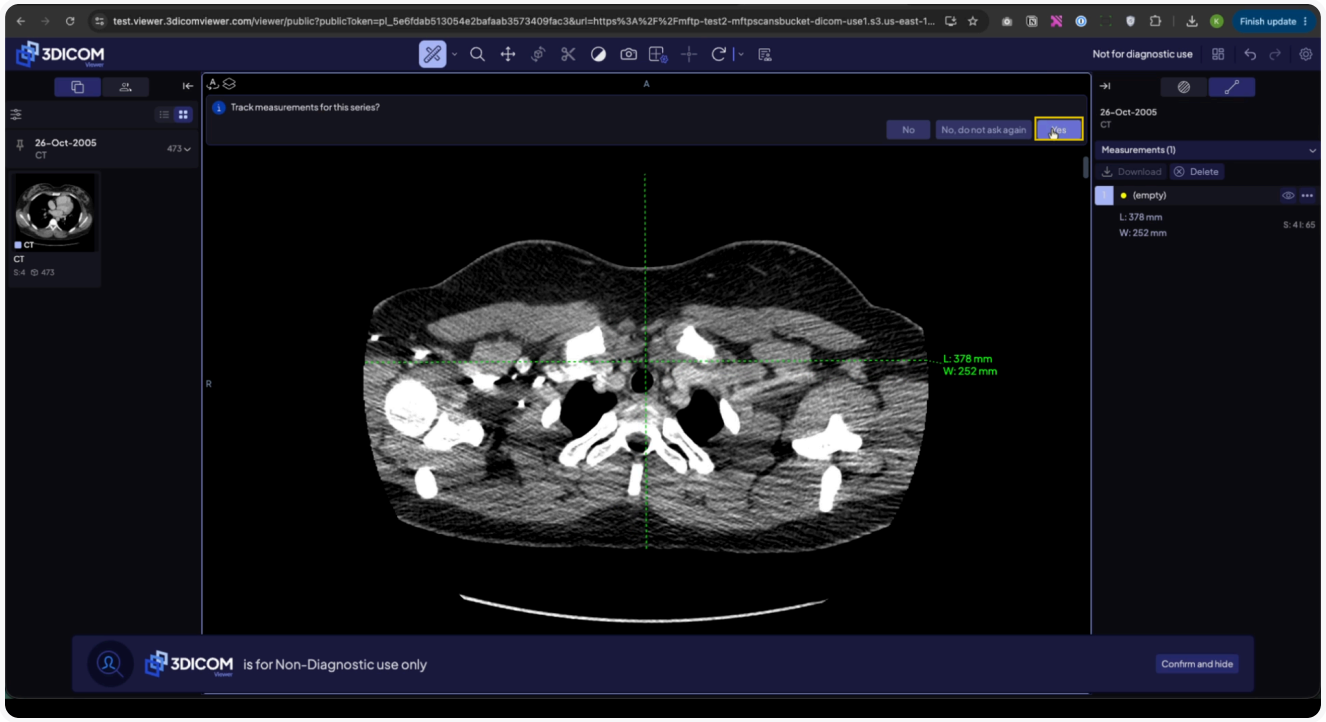
Step 2. Select a measurement tool, such as **Bidirectional**.



Step 3. Click and drag across the area you wish to measure and click again to complete the measurement.



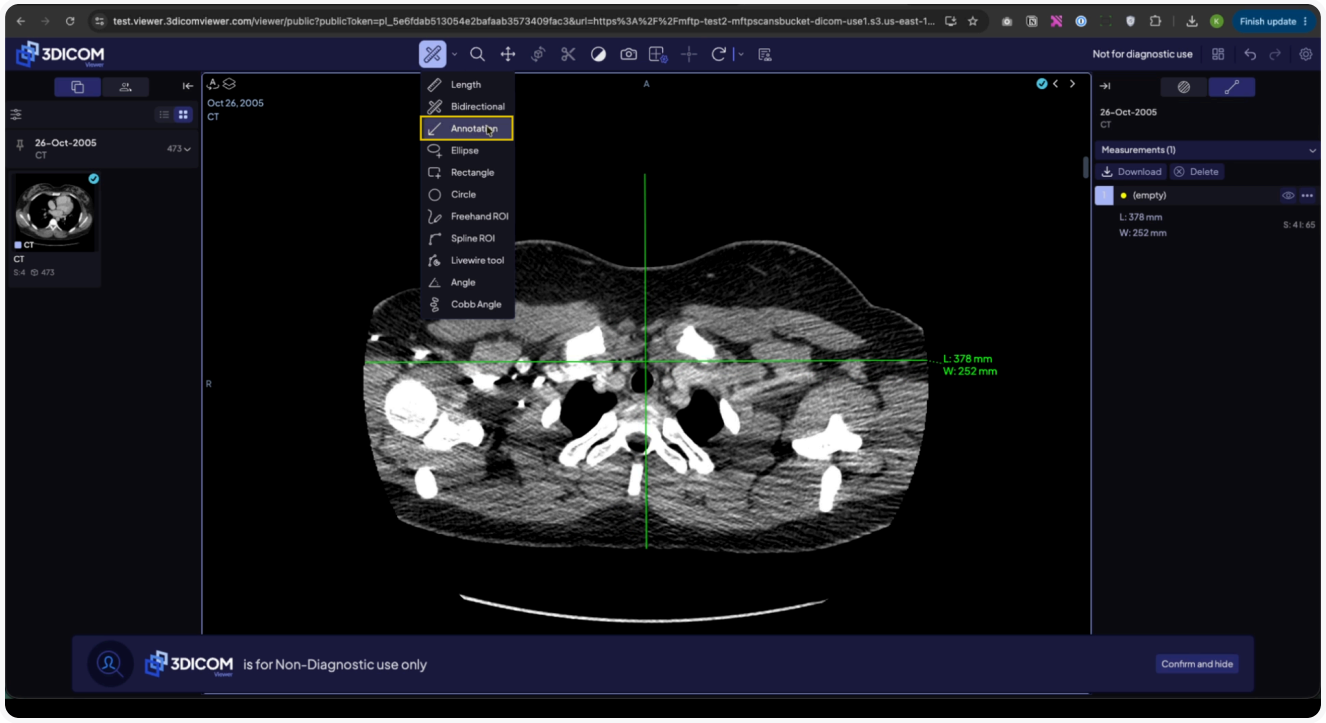
Step 4. Click **Yes** to track the measurement.



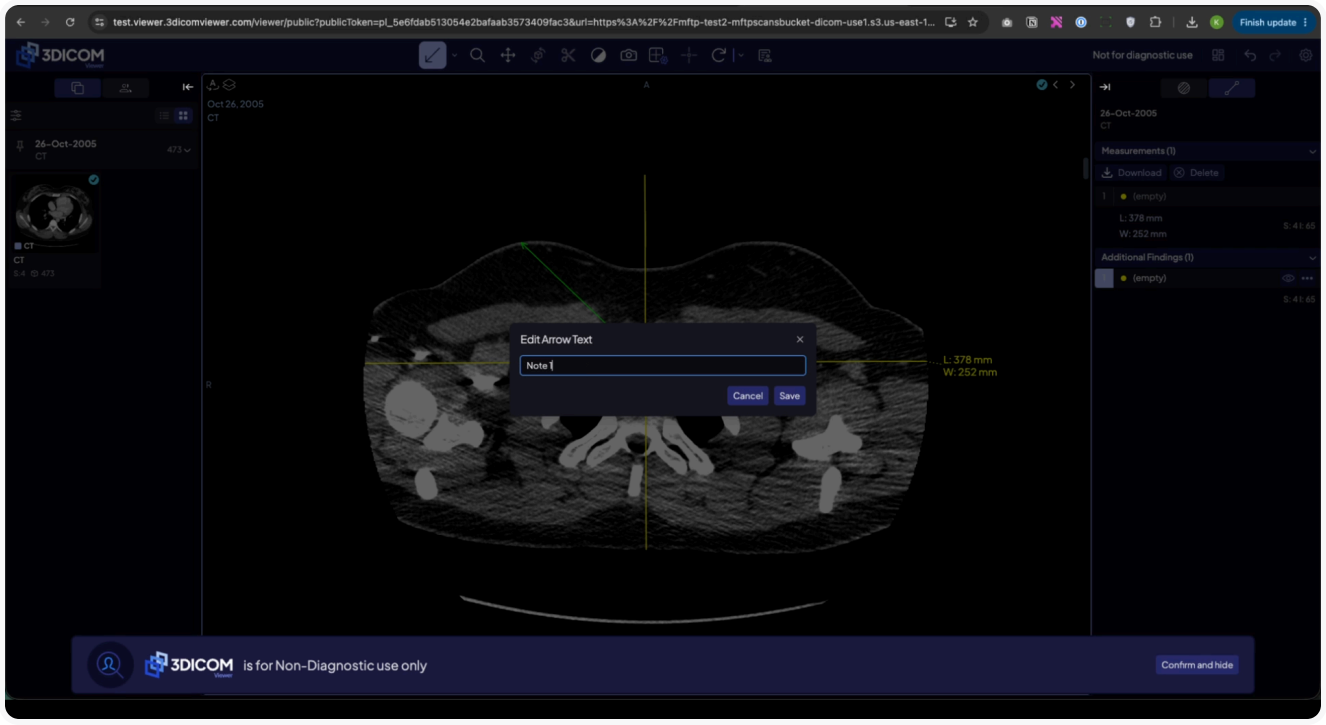
View the length and width details in the list on the right. Adjust the measurement by grabbing and dragging the handles if needed.

Add annotations to your scan

Step 5. Open the **Toolbar** menu and select the **Annotation** tool.



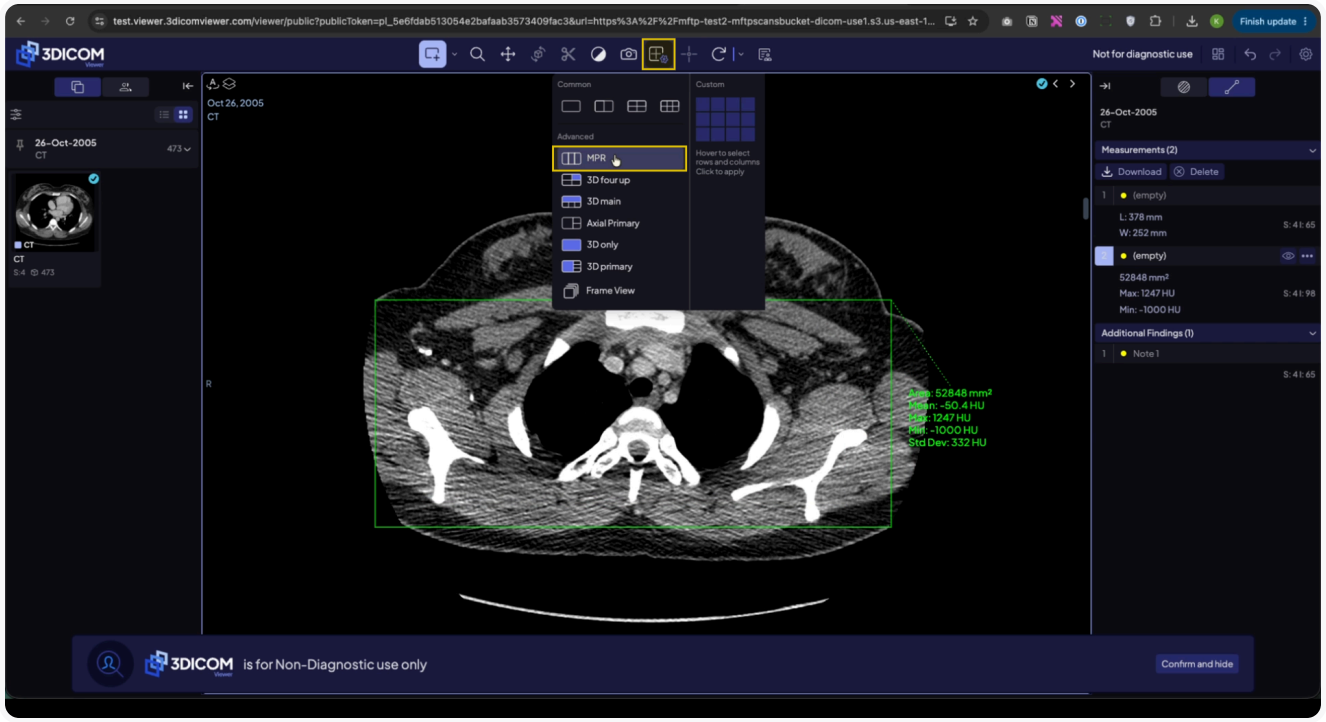
Step 6. Click on the image to place the annotation, aim, and type your note.



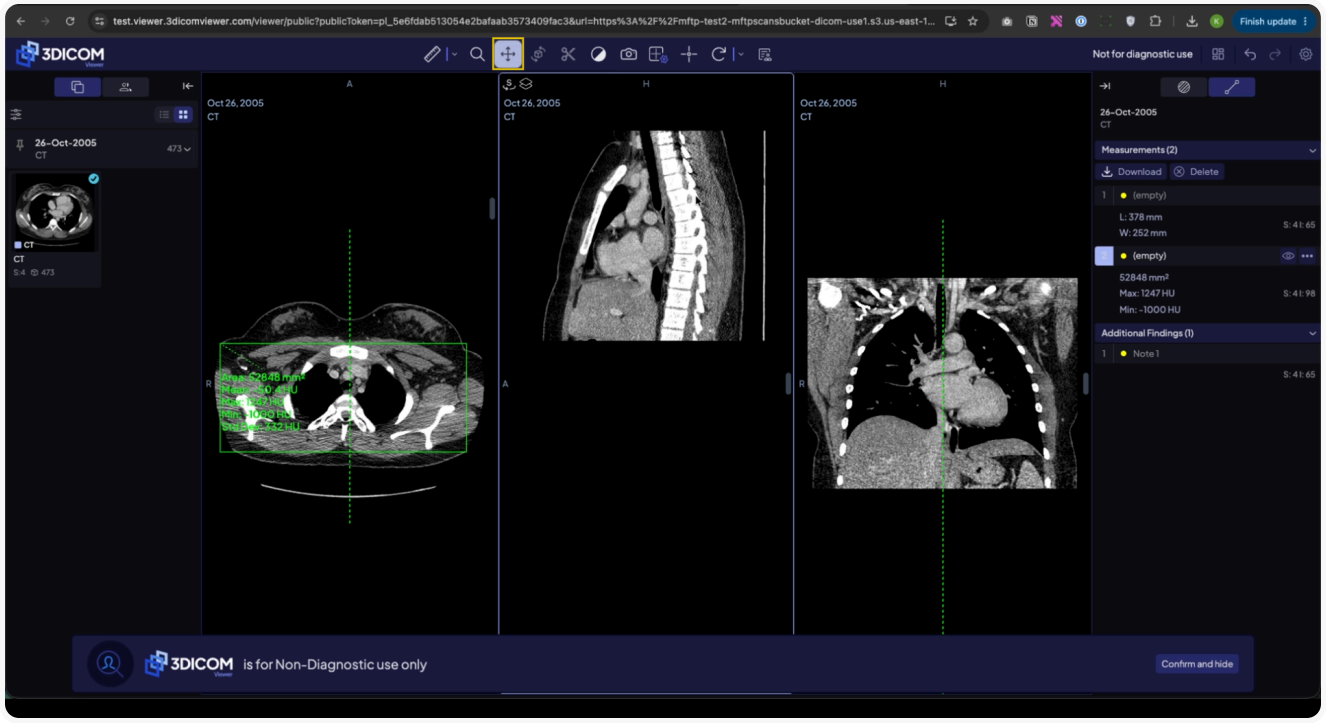
Review your annotation in the findings list on the right.

Explore scan layouts and display options

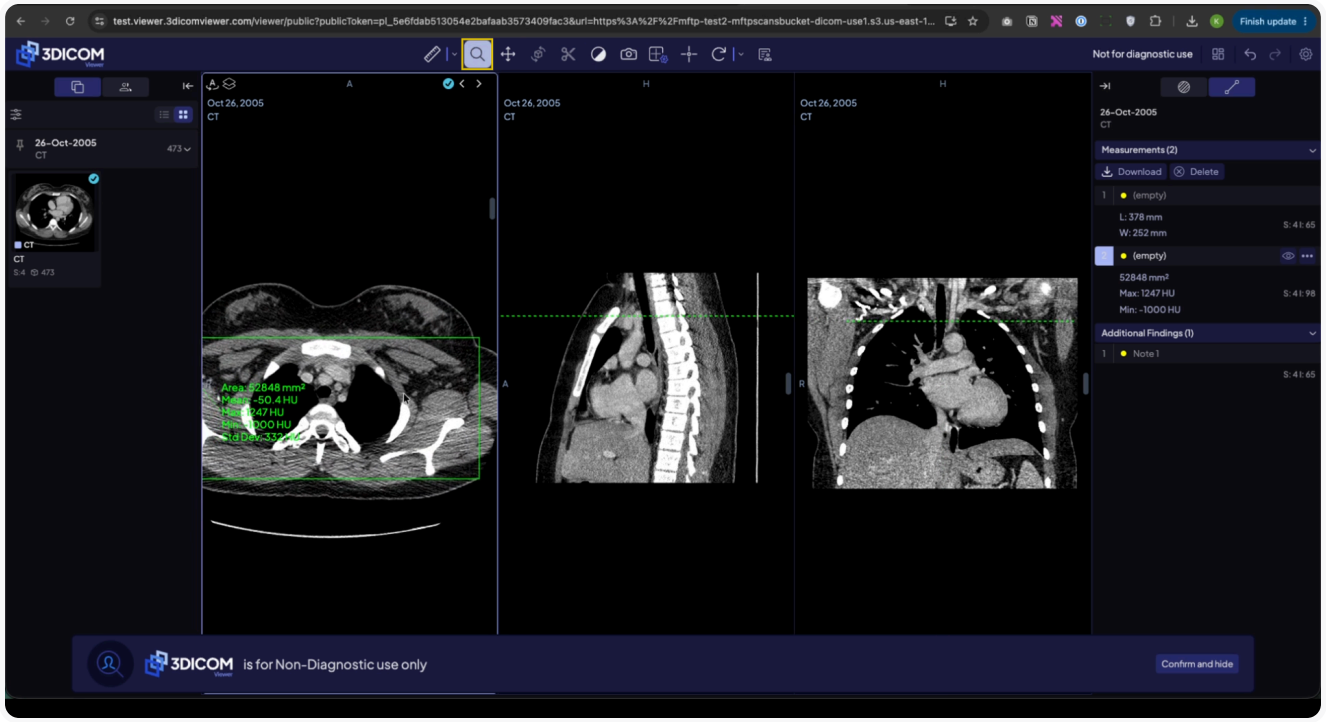
Step 1. Open the **Layout** menu and switch between single view, multiple panels, or **3D** views as needed.



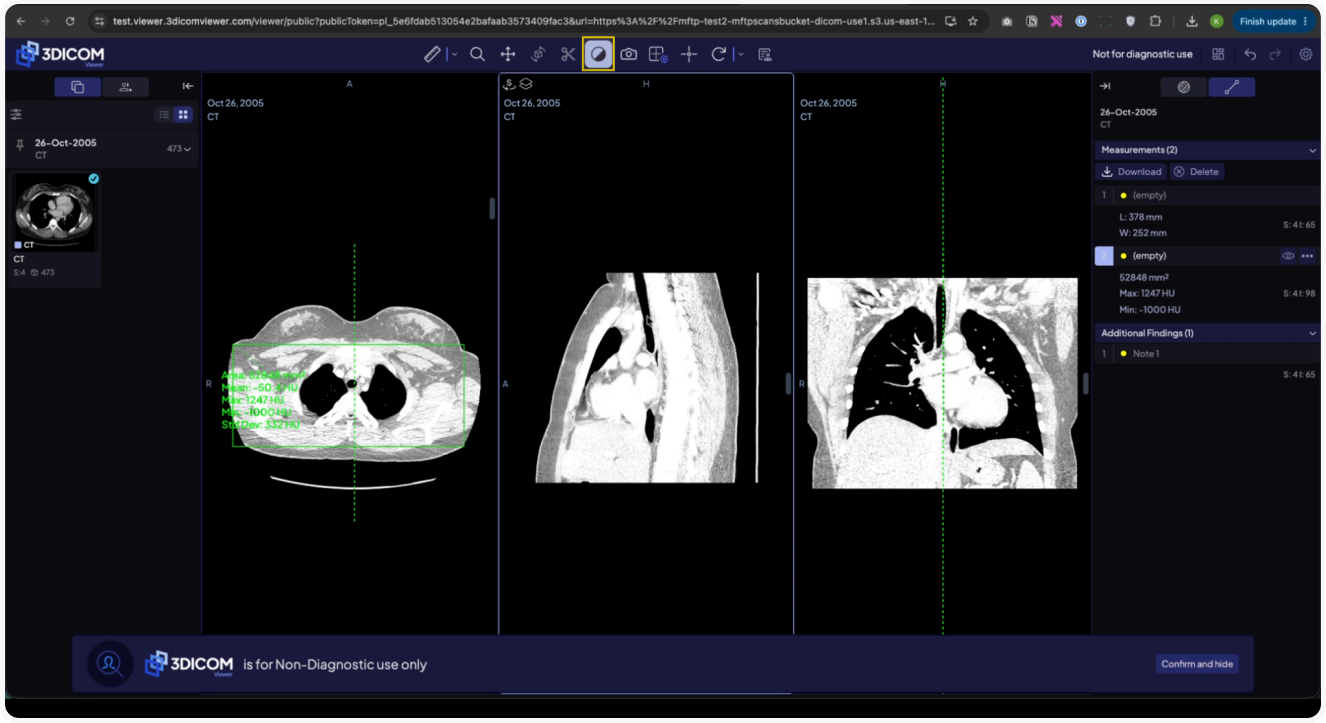
Step 2. Use your mouse to pan and drag within each panel.



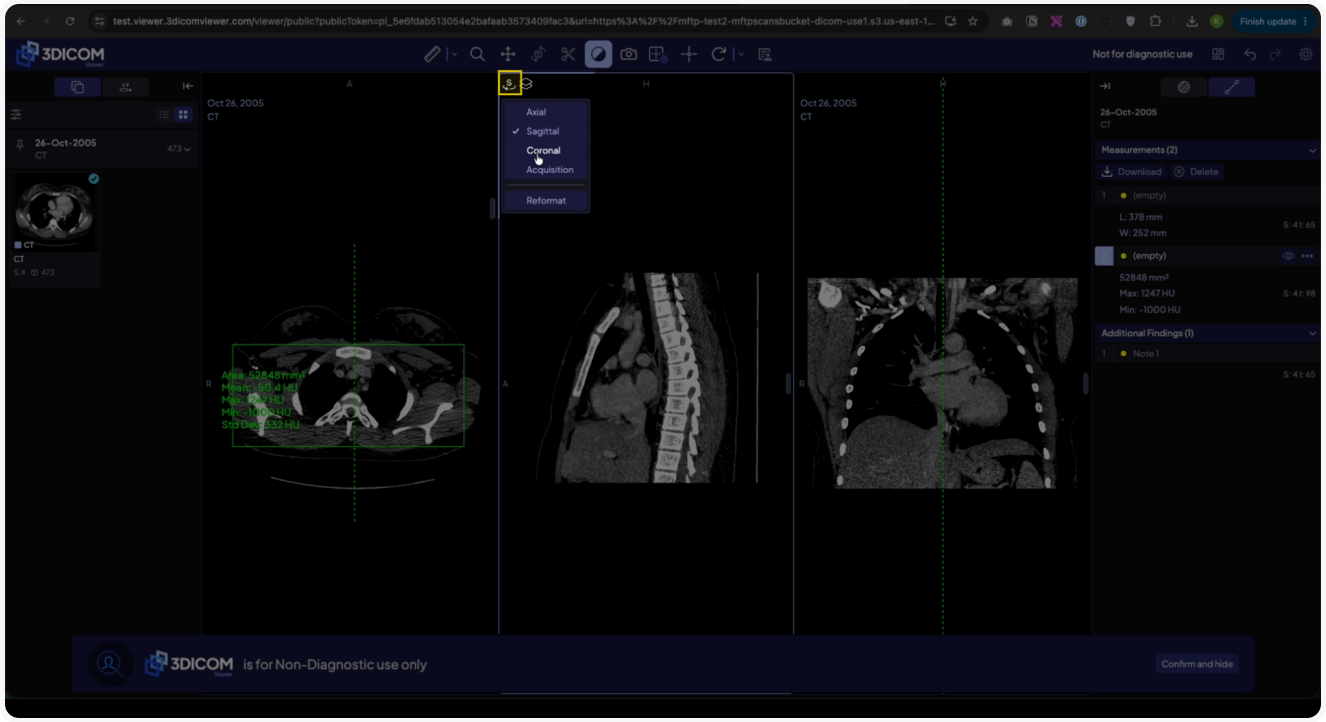
Step 3. Select the **Zoom** tool to focus on image details.



Step 4. Use **Windowing** to adjust contrast levels.

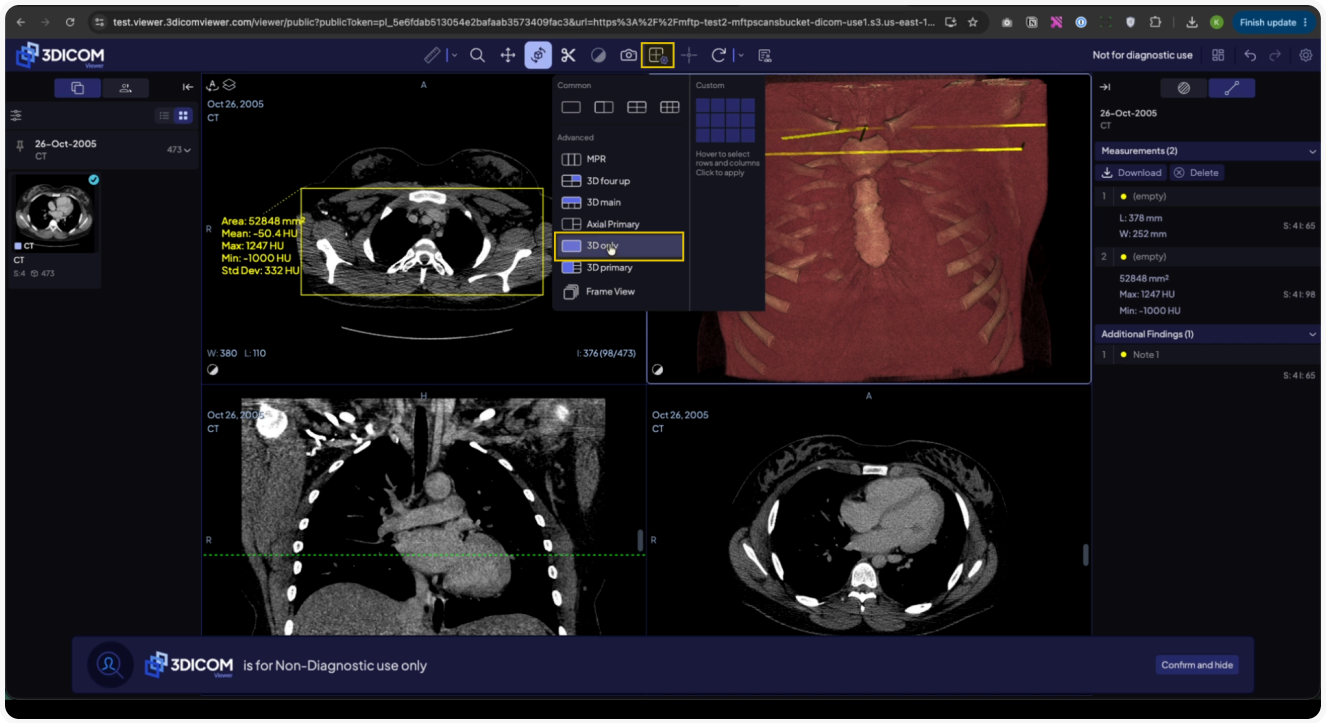


Step 5. Change each panel's orientation (axial, sagittal, or coronal) from the control at the top left corner.

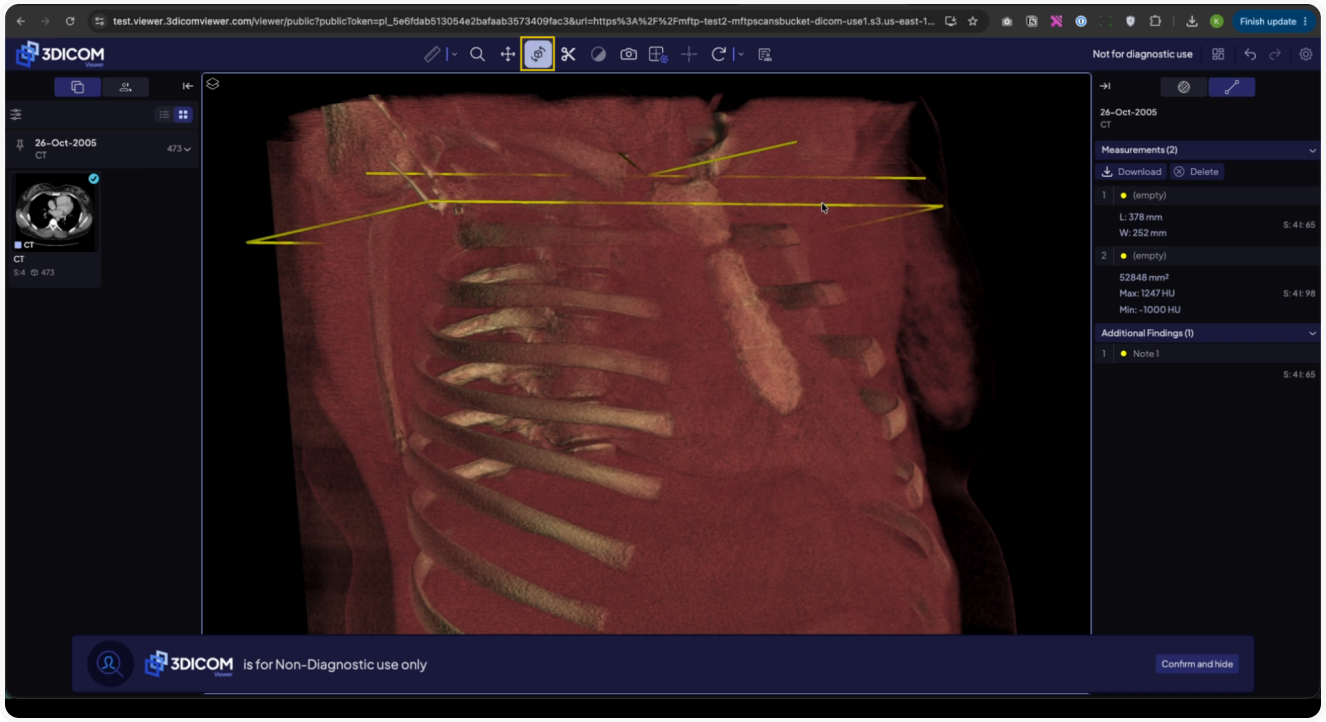


View and interact with the scan in 3D

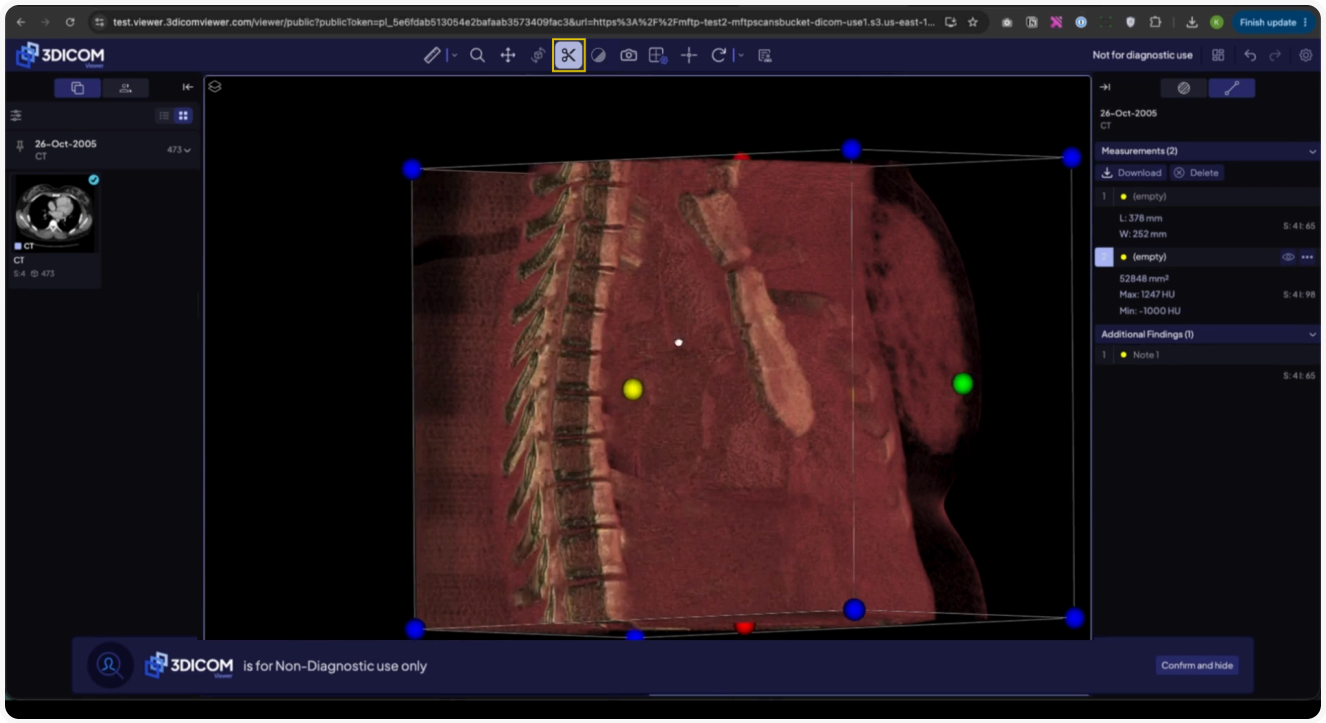
Step 1. In the **Layout** menu, select the full **3D only** render mode.



Step 2. Rotate, zoom, and change the viewing angle directly on the 3D render.



Step 3. Select **3D Slice** to turn the stack of images into an interactive 3D model you can manipulate within the workspace.



Result

You will have measured and annotated your scan and learned how to explore it in both multi-view and fully 3D modes in 3DICOM.