











Tools within TeraRecon allow Cardiologists, Radiologists and CT technologists to use keyboard shortcuts and mouse controls.

Mouse & Keyboard Reference Card

Capture		Measure	
C = Capture	Ctrl + Shift + C = Capture All	D = Distance	E = Ellipse
Ctrl + S = Save image to a predefined folder		I = Profile	Delete = Delete selected measurement
Mouse Operations		Orientation	
 = Rotate	 = Pan	A = Anterior	M = Arrow, Label, Text Arrow
 = Zoom	 = Slice (volume)	F = Feet	O = LAO, RAO
 = Slice (MPR)	 = W/L	H = Head	P = Posterior
		L = Left	R = Right
		T = Text	
Batch	Cube View	 = Rotate up by X degree	 = Rotate to left by X degrees
F8 = 2D Wizard	Q = Cube View	 = Rotate down by X degree	 = Rotate to right by X degrees

➤ **Keyboard Shortcuts for Volume Dataset Positions & Projections:**

- **A** = Anterior
- **P** = Posterior
- **R** = Right Lateral
- **L** = Left Lateral
- **F** = Axial (From Foot)
- **H** = Axial (From Head)
- **G** = Perpendicular view (will be on anatomy in the center or crosshairs)
- **Q** = Cube View

➤ **Measurements & Captures:**

- D = Distance
- E = Ellipse (ROI)
- C = Capture
- X = Crosshairs on/off

➤ **Mouse Controls:**

- W/L = Right + Left mouse
- **Zoom In** = Middle mouse depress & hold + push entire mouse forward
- **Zoom Out** = Middle mouse depress & hold + pull entire mouse back
- **Pan** = Right mouse hold and drag
- **Slice or page through volume data set** = Middle and Right mouse
- **Page through MPR's** = Left mouse
- **Isocenter from 2D View** = Alt + Left click on the area of interest & will center all planes
- **Isocenter from 3D View** = Alt + Left click, or Middle mouse depress and release on area of interest
- **Click the Middle Mouse wheel** to triangulate/center the image at the point clicked

➤ **Right Mouse Click:** an image or anything that is green (i.e., centerline, text in the upper right part of the image), and you will get a dropdown menu of options

➤ **Shift + Left Mouse** to use most of the available tools

- Shift + Left Mouse: Click with CPR to drop Centerline
- Shift + Left Mouse: Hold with Region Grow to grow/highlight an area of interest
- Shift + Left Mouse: And drag to draw/adjust contours
- Shift + Left Mouse: For Calcium Score

➤ **Additional Important Key-Stroke Combinations:**

- Shift + Ctrl + Left Mouse: Hold with Region Grow to grow/highlight an area of interest not visible in the main view
 - Alt + Left Mouse: Click to Triangulate all images to a location
 - Alt + Left Mouse: Hold to create Nudge Circle to Nudge Contours under Free ROI and/or contours in Orthogonal images in CPR
 - Click the X key on the keyboard to toggle crosshairs on and off
-

➤ **Anything that is Highlighted Blue is Active:**

- Under your Right Mouse Menu
- On the toolbars
- Within the CPR windows
- Within the workflow

➤ **Keyboard Window/Level Presets:**

- 1-2 = Abd
- 3 = Head
- 4 = Lung
- 5 = Bone
- 6-9 = CTA

➤ **Changing the Main View:**

- F2 = 3D VR
- F3 = MPR
- F4 = MIP

NOTE: The toolbox displays options for the tool which is active