

# DynaCAD Features and Notes

## Introduction

See below for DynaCAD features and their associated notes. Please note, this content originated from the DynaCAD support team.

## Features and Notes

- Enlarge to single image:
  - Double left click on image to enlarge. Double left click to return to multi-view layout.
- Draw a 3D ROI
  1. Choose “Freehand” ROI tool from top tool bar in home tab or under Right mouse menu.
  2. Press left mouse while tracing out area on image (usually T2 axial or ADC).
  3. Right click inside drawing and left click on “Edit Make 3D”.
  4. Navigate to next slice and trace. Repeat thru extent on one side then repeat for the opposite side of the lesion.
  5. Right click outside of the lesion and left click on “End Edit”.
- Propagate (For PI-RADS and other uses)
  - Right click over lesion
    1. Navigate to propagate, left click. The lesion will be distributed across the hanging in all sequences.
    2. If you do not see the image on certain data sets, say a sagittal, use the correlate tool and left click in the center of the lesion on the axial. This will correlate to the lesion in all sequences and planes.
- Associate to.. (UroNav Users)
  1. Draw the lesion on the ADC as described above.
  2. Right click over the lesion, navigate to.
- Delete duplicate sequence or other excess data.
  1. Close the case.
  2. Left click over sequence(s) to be removed.
  3. Right click; choose delete.

## Reprocessing a Case

### WHEN

- If a case was processed prior to image stack filters being updated.
  - If there was a duplicate T2 axial sequence sent to the server on a prostate exam and the excess data had to be deleted to work up the case correctly for UroNav.

### HOW

1. In the patient list Right click over the patient name.
2. Navigate to ‘Reprocess PK’

3. The question will state, “Do you want to save prior processing” answer, ‘NO’. This will prevent duplicate information.

## Saving ROIs, Rulers, and Arrows vs. Screen Captures and Reports

- SAVING ROIs, Rulers, Arrows, and Text
  - Choose ‘Save All’ from the top tool bar of the home tab prior to closing the case.
- Saving Screen Captures and Reports
  - Locate Screen Captures:
    - If you have captured images, but have not created a report, you can view your captures by clicking on the ‘View Captures’ icon in the top tool bar in the home tab.
    - These items are editable. Meaning you can drag and drop them in any order you desire or delete unwanted items.
    - To save a Screen Capture/Report you must click on “Save As DICOM”. The page will close.
- Edit images by doing the following:
  - Hover mouse over image to be removed.
  - Hold delete key (a white “X” will appear) and
  - Left mouse click.
- Create a Report:
  - Click on the ‘Report’ icon on the top tool bar in the home tab. A white paper type application will open on the desktop.
  - Wait while DynaCAD calculates reformatted ROI(s), if applicable. Note: If a single slice ROI was drawn (denoted as ‘area squared’ under ROI label) there will be no reformatted images.
  - Edit images as desired.
  - Left click on “Save As DICOM” at top of the white paper.
  - Application will close.
- Auto forwarding to PACS:
  - “Save All” for ROIs and/or “Save As DICOM” for image captures/ Reports, as described. Failure to do so will result in your information not saving or forwarding.
  - Click on “Mark As Read” to forward to saved data to PACS.

## MOUSE FEATURES

- Zoom: Press L/R mouse simultaneously while pushing, release.
- Pan: Press center wheel and L mouse simultaneously while dragging image to desired location, release.
- Window/Level: Press and hold center wheel while moving mouse, release.

## Miscellaneous Commands

- Activate Correlate tool when in Scroll mode by pressing Alt/L click.
- Delete correlate point to see area of interest by right click over correlate point, left click to delete.