

Imaging Protocol – CT Trauma Chest-Abd-Pel w/ Rib Reconstruction

Follow protocol for scanning Chest / Abdomen / Pelvis

Then, follow the instructions listed below to create the rib reconstructions.

- Take the images from the original scan and open a new reconstruction box.
 - Change the slice to IXI 's
 - Reconstruct from the top of the shoulders to the top of the pelvis.
 - Load the thin images into the 3D card.
 - Choose the VRT box
 - Rt click and choose Osseous shaded and click ok.
 - Choose the zoom box/pan box. Make the image smaller so you can see the table and wires on the patient.
 - Click on the VOI punch mode (aka lemon head). Remove all wires, table until you just have the Ribs.
 - Rotate your image so that the inferior portion of the chest looks at you.
 - Left click on Radial Ranges make our half circle into a full circle. Change the number of images from 19 to 36. Click start and label as Ribs.
 - Right click on the VRT button choose the Transparent Bone. Wait a few seconds then click ok. Label as Ribs II. Send both Sets of Ribs to PACS.