

Trauma Chest Abdomen Pelvis With Rib Reconstruction

Please follow the protocol for scanning the chest abdomen and pelvis then follow the instructions to create the rib reconstructions. Take the images from the original scan and open a new reconstruction box.

Change the slice to 1x1's

Please 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.