CT IMAGE ORIENTATION FOR MSK CASES

CT images on MSK cases frequently need to be manually re-oriented in order to display according to the Radiologist’s preferences in PACS. The following is a guide to how images of various exams should appear in Synapse. When axial images are not obtained in the true plane, axial reformats must be done.

**HAND / FINGER:** Coronal – Fingers up, Palm facing away from you. Sagittal – Fingers up, Palm facing to the left. Axial – Palm down, the thumb should be on the same side of the image as the Coronal images.
**WRIST:** Coronal – Fingers up, Palm facing away from you. Sagittal – Fingers up, Palm facing to the left. Axial – Palm down, the radius should be on the same side of the image as the Coronal images.
**FOREARM:** Coronal – Hand down, Palm facing toward you. Sagittal – Hand down, Palm facing to the left. Axial – Palm facing upwards, radius should be on the same side of the image as the Coronal images.
**ELBOW:** Coronal – Hand down, Palm facing toward you. Sagittal – Hand down, Palm facing to the left. Axial – Palm facing upwards, radius should be on the same side of the image as the Coronal images.
**SHOULDERS:** Coronal – anatomical position with patient facing toward you. Sagittal – anterior side of the patient facing to the left. Axial – anterior side of the patient facing upwards, the head of the humerus should be on the same side of the image as the Coronal images.
**HUMERUS:** Coronal – anatomical position with patient facing toward you. Sagittal – anterior side of the patient facing to the left. Axial – anterior side of the patient facing upwards, the humerus should be on the same side of the image as the Coronal images.
**FOOT:** Axial – Toes pointing up, plantar surface of the foot facing toward you. Sagittal – Toes pointing to the left. Coronal – plantar surface of the foot facing down, the big toe should be on the same side of the image as on the Axial images.