Axial Scans: T1 Fat Sat

Average Scanning Parameters:

120 mm FOV
4 mm slice thickness
1 mm slice gap
24 slices

Be sure to scan through the radial tuberosity to include the bicep tendon attachment.

Coronal Scans: T1 Fat Sat, T2 Fat Sat, add T1 non Fat Sat if for trauma/fracture or if scanning technologist sees a possible fracture.

Average Scanning Parameters:

140 mm FOV
3 mm slice thickness
No gap
30 slices

Set the angle of the Coronal scans to be parallel to the humeral epicondyles. Do not use a scout axial image to

Sagittal Scans: T1 Fat Sat

Average Scanning Parameters:

140 mm FOV
3 mm slice thickness
1 mm slice gap
21 slices

Set the angle of the Sagittal scans to be perpendicular to the humeral epicondyles. Do not use a scout axial image to set the angle of the sagittal images. Use an image from the T1 fat sat axial sequence instead.