NOTE: External position allows better visualization of the supraspinatus and subscapularis tendons, bicipital groove should be seen laterally.

**Axial Scans**: PD Fat Sat TE 40-45, STIR

Average Scanning Parameters:

- 150 mm FOV
- 3 mm slice thickness
- 1 mm slice gap
- 22 slices

Place the patient’s arm at their side with the palm facing upward. Weight the palm with a sandbag to help them maintain this position. Be sure to scan through the AC joint.

**Coronal Scans**: PD, T2 Fat Sat

Average Scanning Parameters:

- 140 mm FOV
- 3 mm slice thickness
- 1 mm slice gap
- 18 slices

Slices need to be perpendicular to the glenoid fossa.

**Sagittal Scans**: T1, T2 Fat Sat

Average Scanning Parameters:

- 140 mm FOV
- T1 Sag 4mm x 1mm slice gap
- T2 FS Sag 3mm x 1mm slice gap
- 24 slices

Slices need to be parallel to the glenoid fossa.

Note: T1 Sag should extend medially approximately 6cm from glenoid fossa.