### PECTORALIS MUSCLE **Images**

1. 3 Pl loc SSFSE offset ant 50
2. Ax Cal (PURE)
3. Straight Ax T1 28 FOV 5/1
4. Straight Ax T2 fat
   ▶ Mid humeral head superiorly through soft tissue of axilla inferiorly
5. Oblq Cor T1 28 FOV 4/1
6. Oblq Cor T2 fat
   ▶ Grx on Axial parallel to pectoralis muscle/chest wall
   ▶ From chest wall anteriorly through the entire pectoralis muscle & humerus posteriorly
7. Oblq Sag T1 28 FOV 5/2.5
8. Oblq Sag T2 fat
   ▶ Grx on Axial perpendicular to pectoralis / chest wall.
   ▶ From edge of sternum medially through entire humerus laterally. Center S/I at the level of soft tissue of axilla.

### STERNUM

1. 3 Pl loc SSFSE offset ant 80
2. Ax Cal (PURE)
3. Oblq Cor T1 24 FOV 4/1
4. Oblq Cor T2 IDEALarc
   ▶ Grx on Sag loc parallel to long axis of sternum
5. Oblq Ax T1 Swap freq to A/P 22 FOV 5/2.5
6. Oblq Ax T2 IDEALarc Through SC Jnts 22 FOV 5/2.5
   ▶ Grx on obl Cor, above sternal notch to below sternum
7. Oblq Sag T1 Swap freq to A/P 24 FOV 4/1
8. Oblq Sag T2 IDEALarc Through SC Jnts 24 FOV 4/1

**Optional Contrast**

- +C Oblq Cor T1 fat 24 FOV 4/1
- +C Oblq Ax T1 IDEALarc 22 FOV 5/2.5
- +C Oblq Sag T1 fat 24 FOV 4/1

### SCAPULA **Images**

1. 3 Pl loc SSFSE offset post 50
2. Ax Cal (PURE)
3. Straight Ax T1 24 FOV 5/2.5
4. Straight Ax T2 fat
5. Oblq Cor T1 24 FOV 4/1
6. Oblq Cor T2 fat
   ▶ Oblique perpendicular to shoulder joint, parallel to scapula, through entire scapula.
7. Oblq Sag T1 24 FOV 5/2.5
8. Oblq Sag T2 fat
   ▶ Oblique parallel to shoulder joint, perpendicular to scapula, through entire scapula.

**Optional Contrast**

- +C Straight Ax T1 fat 24 FOV 5/2.5
- +C Oblq Cor T1 fat 24 FOV 4/1
- +C Oblq Sag T1 fat 24 FOV 5/2.5

### S-C JOINTS (Steroclavicular)

1. 3 Pl loc SSFSE offset ant 80
2. Ax Cal (PURE)
3. Cor T1 Through SC Joints 24 FOV 4/0.5
4. Cor T2 STIR Through SC Joints 24 FOV 4/0.5
5. Sag T1 Through SC Joints 24 FOV 4/1
6. Sag T2 IDEALarc Through SC Jnts 24 FOV 4/1
7. Ax T1 Through SC Joints 20 FOV 4/0.5
8. Ax T2 IDEALarc Through SC Jnts 20 FOV 4/0.5

**Optional Contrast**

- +C Cor T1 fat 24 FOV 4/0.5
- +C Sag T1 fat 24 FOV 4/1
- +C Ax T1 IDEALarc 20 FOV 4/0.5

### CHEST WALL—Non-Specific

- Radiologists should specify coverage. Please check prior to contrast. Sequences in scanners are very thin. Depending on coverage and area needed slice thickness may be increased.

1. 3 Pl Loc
2. Ax T1 FSE Breath hold
3. Ax T2 fat FRFSE Resp triggered
4. Sag T2 fat FRFSE Resp triggered
5. Sag T1 Breath hold
6. Cor T1 FSE Breath hold
7. Cor T2 fat FR FSE Resp triggered

**POST CONTRAST IF PROTOCOL**

- +C Ax T1 fat Breath hold
- +C Sag T1 fat Breath hold
- +C Cor T1 fat Breath hold

***Please substitute any of these sequences for IDEALarc Sequences if Fat Sat is poor or you have a Large FOV.**
Scapula Set up:

[Images of scapula set up with annotations]

Cor Scapula

Sag Scapula

Pectoralis Muscle Set up:

[Images of pectoralis muscle set up with annotations]

Oblique Cor should be parallel with Pec Muscle/Chest Wall