

Post Arthroplasty Fracture

Application Examples: arthroplasty post-op	
Scan Protocol (See for Technical Factors)	L-Spine

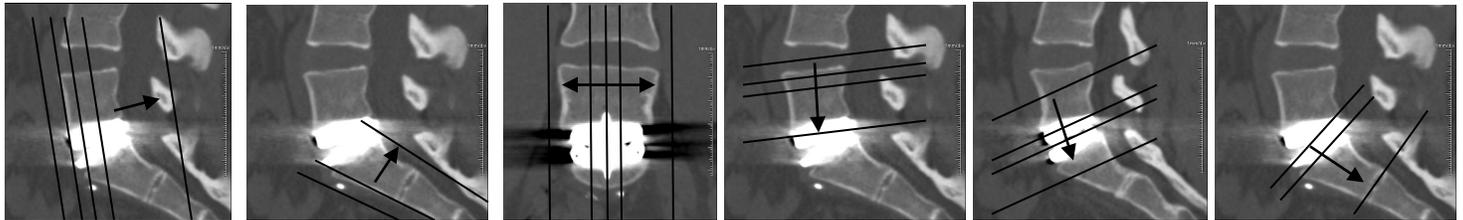
This protocol is used to evaluate for fractures on post arthroplasty patients.

Patient Position: Patient lying in supine position, arms positioned comfortably above head, lower legs supported. Place a cushion under the patient’s knees—this will reduce the curve in the spine and also help make the patient more comfortable.

Scan Range: One vertebral level above and below area of interest, specified by neurology provider.

2D Reformations: True orthogonal planes to vertebral bodies directly above and below disc(s) replaced. Cuts parallel to disc(s) replaced as well as a sagittal MPR(s) in alignment with disc hardware. A L5-S1 arthroplasty post processing example is depicted below. Note patients may have multi-level disc replacements. Reformations are done per level(s) requested.

- 1. Coronal L5 MPR
3x3mm
- 2. Coronal S1 MPR
3x3mm
- 3. Sagittal L5-S1 MPR
3x3mm
- 4. Axial L5 Body MPR
2x2mm
- 5. Axial L5-S1
2x2mm
- 6. Axial Body S1
2x2mm



3D: No.