

Sternum

Siemens Flash

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| Application Examples: dislocation, fracture |
| Scan Protocol: SC Joints |

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|----------------------|----|
| Oral Contrast | No |
| IV Contrast / Volume | No |

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|-------------|-------------|
| Breath Hold | Inspiration |
|-------------|-------------|

Technical Factors

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|-------------------------|---------------------|
| Detector Collimator | Acq 128 x 0.6 mm |
| Care kV | On / 120 kV |
| Care Dose 4D | On / 200 mAs |
| Rotation Time (seconds) | 1.0 |
| Pitch | 0.6 |
| Typical CTDIvol | 13.52 mGy \pm 50% |

Topogram: Lateral and AP, 256 mm

| Shoulder | Recon Type | Width / Increment | Algorithm | Safire | Window | FoV | Series Description | Networking | Post Processing |
|----------------|------------|-------------------|-----------|--------|----------|-----|--------------------|------------|-------------------|
| Recon 1 | Axial | 2 x 2 | I70h | 2 | Shoulder | 150 | AXIAL | PACS | None |
| Recon 2 | 3D:COR | 2 x 2 | I70h | 2 | Shoulder | - | COR | PACS | Coronal MPR |
| Recon 3 | 3D:SAG | 2 x 2 | I70h | 2 | Shoulder | - | SAG | PACS | Sagittal MPR |
| Recon 4 | 3D:AXIAL | 2 x 2 | I70h | 2 | Shoulder | 150 | OBL AXIAL | PACS | Oblique Axial MPR |
| Recon 5 | Axial | 0.6 x 0.6 | I26s | 2 | Shoulder | 150 | AXIAL 0.6 STND | TeraRecon | None |

Patient Position: Patient lying in supine position, head first, shoulders square.**Scan Range:** Entire sternum**Recons and Reformations:** Align all three viewports in orthogonal planes to sternal body before planning coronal, sagittal and oblique axial MPRs**3D:** Upon request. See post processing protocol.