Upper Extremity

Siemens 16 Slice

Application Examples: fracture

Technical Factors

Detector Collimator	Acq 16 x 0.6 mm
kV / mAs / Rotation Time	110 kV / 140 mAs / 1.0 seconds
Care Dose 4D	Off
Pitch	0.9
Typical CTDIvol	11.25 mGy

Topogram: AP, 256 mm

Extremity	Width / Increment	Kernel	Window	FoV	Series Description	Networking
Recon 1	1 x 1	B70s	Extremity	100	AXIAL	PACS
Recon 2	0.75 x 0.5	B70s	Extremity	100	AXIAL 0.75 x 0.5 BONE	MPR / Definition
Recon 3	0.75 x 0.5	B20s	Extremity	100	AXIAL 0.75 x 0.5 SMOOTH	TeraRecon

This upper extremity scan protocol is used on small extremities from elbow through hand. See individual protocols for further details.

2D Reformations: Post processing done in 3D card. Three orthogonal planes according to area of interest. If patient is not scanned in ideal position, create true axial MPR data set, 2x2 mm.

Series: Extremity	Reformat Type	Width / Increment	Window	Series Description	Networking
Recon 2	Coronal MPR	2 x 2	Extremity	COR	PACS
Recon 2	Sagittal MPR	2 x 2	Extremity	SAG	PACS

3D: Upon request.