

Child Upper Extremity

Siemens 16 Slice

Application Examples: fracture

Technical Factors

Detector Collimator	Acq 16 x 0.6 mm
kV / mAs / Rotation Time	110 kV / 25 mAs / 1.0 seconds
Care Dose 4D	On
Pitch	1.5
Typical CTDIvol	2.03 mGy

Topogram: AP, 256 mm

Extremity	Width / Increment	Kernel	Window	FoV	Series Description	Networking
Recon 1	1 x 1	B70s	Baby Extremity	100	AXIAL	PACS
Recon 2	0.75 x 0.5	B70s	Baby Extremity	100	AXIAL 0.75 x 0.5 BONE	MPR / Definition
Recon 3	0.75 x 0.5	B20s	Baby 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. Provide three orthogonal planes according to area of interest.

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.