

SMALL EXTREMITY W

Protocol Title	4.3/9.4 Small Extremity With Contrast				
HDI/VDI					
Patient position:	Patient dependent				
Exam specific instructions:	IF START/END LOCATION IS UNCLEAR- CONSULT RADIOLOGIST				
Indication:					
Notes:	IV needs to be on opposite extremity that is being scanned for upper extremity				
CONTRAST:	Oral:	None			
	IV:	Below 200lbs: 75mL			
 SERIES 1: Dual Scout	GE 120kV/30mA				
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
	S150/I150	S150/I150			S80/I250
 SERIES 2: Scan through prescribed area of interest					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
Scan Type	Helical	Helical			Helical
Detector Config	20 mm	64x0.625			20mm
Rotation	0.5	0.5			0.5
Pitch/Speed	0.5/10.62	55			0.5/10.62
SFOV	Small Body	Small Body			Small body
kV	120	120			120
mA Range	200	75-550			75-550
NI	N/A	11.5			15.86
Prep Group	70 sec	70 sec			70 sec
DFOV (cm)	25	35			25
% Dose Reduction	N/A	40			NA
ASIR	50	40			15.86
CTDI Range (mGy)	15.12				15.12
XR29 Dose Notification	50	50			25

	RECON 1	RECON 2	RECON 3	RECON 4	REFORMAT 1
Series Descripton	Axial ST With Contrast	Bone With Contrast	Thin ST With Contrast	Thin Bone With Contrast	Sagittal Bone
Type	Axial	Axial	Axial	AxialAxial	Sagittal
Start	TBD	TBD	TBD	TBD	Skin surface
End	TBD	TBD	TBD	TBD	Skin surface
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal	Left to Right
Filter	Standard	Bone Plus	Standard	Bone	Bone
Windowing	C40/W350	C350/W2500	C40/W350	C350/W2500	C350/W2000
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	2.5	1.25	0.625	0.625	1.25
Increment (mm)	2.5	1.25	0.625	0.625	1.25
FOV in mm	Skin to Skin	Skin to Skin	Skin to Skin	Skin to Skin	Skin to Skin

	REFORMAT 2	RECON 7	RECON 8	RECON 9	RECON 10
Series Descripton	Coronal Bone	MAR ST With Contrast	MAR Bone With Contrast	MAR ST Thin With Contrast	MAR Bone Thin With Contrast
Type	Coronal	Axial	Axial	Axial	Axial

Start	Skin surface	TBD	TBD	TBD	TBD
End	Skin surface	TBD	TBD	TBD	TBD
Image Order	Ant to Post	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Bone	Standard	Bone Plus	Standard	Bone Plus
Windowing	C350/W2000	C40/W350	C350/W2000	C40/W350	C350/W2000
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	1.25	2.5	1.25	0.625	0.625
Increment (mm)	1.25	2.5	1.25	0.625	0.625
FOV in mm	Skin to Skin	25	25	25	25

Send to PACs
Approving Radiologist / Review Date