

LARGE EXTREMITY WO

Protocol Title	4.1/9.1 Large Extremity				
HDI/VDI					
Patient position:	Hips- Neutral position: ensure toes/legs are not turned outward and include hip only, not entire pelvis Shoulder- arm in neutral position (not supported)				
Exam specific instructions:	START/END LOCATION DETERMINED BY RADIOLOGIST MAR to be done with THA				
Indication:					
Notes:					
CONTRAST:	Oral:	None			
	IV:	None			
 SERIES 1: Dual Scout	GE 120kV/30mA				
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
	S100/I100	S100/I100			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
Speed	0.5/10.62	55			0.5/10.62
SFOV	Large Body	Large Body			Large Body
kV	120	120			120
mA Range	200-550	75-550			200-550
NI	15.86	11.5			15.86
Prep Group	N/A	None			NA
DFOV (cm)	36	35			36
% Dose Reduction	50	40			50
ASIR	50	40			50
CTDI Range (mGy)	23.88				23.88
XR29 Dose Notification	50	50			25

	RECON 1	RECON 2	RECON 3	RECON 4	REFORMAT 1
Series Descripton	Axial ST	Bone	Bone Thin	Thin ST	Sagittal Bone
Type	Axial	Axial	Axial	Axial	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	Bone Plus	Standard	Bone
Windowing	C40/W350	C350/W2000	C350/W2000	C40/W350	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	25	25	25	25	Skin to Skin

	REFORMAT 2	RECON 7	RECON 8	RECON 9	RECON 10
Series Descripton	Coronal Bone	MAR ST	MAR Bone	MAR ST Thin	MAR Bone Thin
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