

LUMBAR SPINE MYELOGRAM					
Protocol to Use	7.7 L/S Myelo				
HDI/VDI					
Patient position:	Supine Feet First				
Exam specific instructions:	Log roll patient 3 times prior to scan. If MAR indicated, repeat all series with MAR filter				
Indication:	Trauma, back pain, known fracture, osteomyelitis				
Notes:	Patient will have contrast injected in xray prior to scan				
CONTRAST:	Oral:	None			
	IV:	None			
 SERIES 1: Dual Scout	GE kV/ mA				
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
	IC S200/I150	S50/I350			
 SERIES 2: Scan craniocaudal from C7 to L2					
GE	GE 64 2nd FL	GE 64	GE 64 OLY	GE CTS ER	PET CT
Scan Type	Helical	Helical			
Detector Config	40mm	40mm			
Rotation	0.5	0.5			
Pitch/Speed	0.516/20.62	0.984/39.37			
SFOV	Large Body	Small Body			
kV	120	120			
mA Range	100-560	50-560			
NI	32.72	17.28			
Prep Group	N/A	N/A			
DFOV (cm)	36	200			
% Dose Reduction	40	40			
ASIR %	30	40			
CTDI (mGy)	20.75	11.61			
XR29 Dose Notification (mGy)	35	30			

	RECON1	RECON 2	RECON 3	RECON 4	RECON 5
Series Descripton	Axial ST .625	Axial ST	Axial Bone	Thin ST	Axial Myelo
Type	Axial	Axial	Axial	Axial	Axial
Start	Above C7	Above C7	Above C7	Above C7	Above C7
End	L2	L2	L2	L2	L2
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Bone	Standard	Bone Plus	Standard	Standard
Windowing	C300/W2000	C40/W350	C300/W2000	C40/W350	C180/W800
Render Mode	Average	Average	Average	Average	Average
Slice (mm)	0.625	2.5	2.5	0.625	2.5
Increment (mm)	0.625	2.5	2.5	0.625	2.5
FOV (mm)	30	20	20	20	20

	RECON 6	RECON 9	RECON 10
Series Descripton	Thin Myelo	MAR ST	MAR Bone
Type	Axial	Axial	Axial
Start	Above C7	Above C7	Above C7

End	L2	L2	L2
Image Order	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Standard	Standard	Bone
Windowing	C180/W800	C40/W400	C350/W2000
Render Mode	Average	Average	Average
Slice (mm)	0.625	2.5	2.5
Increment (mm)	0.625	2.5	2.5
FOV (mm)	20	20	20

Send to PACs
Approving Radiologist / Review Date