

CERVICAL SPINE MYELOGRAM					
Protocol to Use	3.7 C Spine Myelo				
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:	Log roll patient 3 times prior to scan. If MAR indicated, repeat all series with MAR filter				
Indication:	Neck pain, arm pain, radiculopathy, unable to have MRI				
Notes:	Patient will have contrast injected in xray prior to scan. Curved coronal if needed (Manual Build).				
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
	OM S50/I200	S50/I200			
 SERIES 2: Scan craniocaudal from above skull base to mid T2					
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	0.98/39.37	0.984/39.37			
SFOV	Small Body	Small Body			
kV	120	120			
mA Range	80-350	50-560			
NI	17.28	17.28			
Prep Group	N/A	N/A			
DFOV (cm)	20	200			
% Dose Reduction	40	40			
ASIR %	40	40			
CTDI (mGy)	21.35	11.61			
XR29 Dose Notification (mGy)	45	30			

	RECON1	RECON 2	RECON 3	RECON 4	RECON 5
Series Descripton	Thin Bone	Axial ST	Axial Bone	Thin ST	Axial Myelo
Type	Axial	Axial	Axial	Axial	Axial
Start	Above Skull Base	Above Skull Base	Above Skull Base	Above Skull Base	Above Skull Base
End	Mid T2	Mid T2	Mid T2	Mid T2	Mid T2
Image Order	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal	Craniocaudal
Filter	Bone Plus	Standard	Bone Plus	Standard	Standard
Windowing	C350/W2000	C40/W350	C350/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)	20	20	20	20	20

	RECON 6	RECON 10	REFORMAT 1 (manual build)	REFORMAT 1 (manual build)
Series Descripton	Thin Myelo	MAR	Coronal Myelo	Coronal Myelo
Type	Axial	Axial	Curve	Curve

Start	Above Skull Base	Above Skull Base	Anterior Bone	Bone Edge
End	Mid T2	Mid T2	Posterior Bone	Bone Edge
Image Order	Craniocaudal	Craniocaudal	Ant->Post	Ant to Post
Filter	Standard	Bone	Standatd	Bone Plus
Windowing	C180/W800	C350/W2000	C180/W800	C180/W800
Render Mode	Average	Average	Average	Average
Slice (mm)	0.625	2.5	1.25	1.25
Increment (mm)	0.625	2.5	1.25	1.25
FOV (mm)	20	20	20	20

Send to PACs
Approving Radiologist / Review Date