

Brain Lab Spine					
Protocol to Use	Brain Lab Spine				
HDI/VDI					
Patient position:	Supine Head First				
Exam specific instructions:	Scan full C, T or L spine, regardless of notes from surgeon on order No skin need, try to include some pelvis on L spine and include all of C7 on C spine for landmarks				
Indication:	Pre-operative scan				
Notes:	Can be ordere W or WO contrast				
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			S270/I100
 SERIES 2: Scan craniocaudal from above skull base to mid T2					
GE	GE 64 2nd FL	GE 64 ER	GE 64 OLY	GE CTS ER	PET CT
Scan Type	Helical	Helical			Helical
Detector Config	40mm	40mm			40mm
Rotation	0.5	0.5			0.5
Pitch/Speed	.984/39.37	0.984/39.37			0.984/39.6
SFOV	Small Body	Small Body			SY
kV	120	120			12
mA Range	50-560	50-560			100-560
NI	12.22	17.28			12.6
Prep Group	N/A	N/A			N/A
DFOV (cm)	20	20			12
% Dose Reduction	40	40			40
ASIR %	40	40			40
CTDI (mGy)	12.58	11.61			12.96
XR29 Dose Notification (mGy)	30	30			30

	RECON 1	RECON 2
Series Descripton	Axial ST	Thin ST
Type	Axial	Axial
Start	Above Skull Base	Above Skull Base
End	Mid T2	Mid T2
Image Order	Craniocaudal	Craniocaudal
Filter	Standard	Standard
Windowing	C40/W350	C40/W350
Render Mode	Average	Average
Slice (mm)	2.5	0.625
Increment (mm)	2.5	0.625
FOV (mm)	20	20

Send to PACs

Approving Radiologist / Review Date: Dr. Jennifer Morrison 5/27/2025