

### Trauma CT Scanning Guidance

Anatomic Region	Head	Neck	Chest/Abdo/Pelvis
Patient position	Head first, Supine on spinal board if still in situ but metal clips removed		
kV	120		
Rotation time	0.7	0.5	0.5
mAs	250	Sure Exposure Standard	Sure Exposure Standard
Rows/Detector collimation	0.5 X 32	0.5 X 64	1.0 X 32
Type	Helical	Helical	Helical
Pitch/Feed	0.656/21	0.641/41	0.844/27
Image order (acquisition)	Cauda-cranial	Crania-caudal	Crania-caudal
Kernel	Head Brain Bone Sharp	Spine Bone Sharp	Body Std axial Lung Std axial
Reconstructed Slice thickness (ST)	5mm	2mm	3mm
Reconstruction interval (51)	5mm	2mm	3mm
MPRs (ST/51)	-	Coronal (3mm/2mm) Sagittal (3mm/2mm)	Coronal (3mm/2mm) Sagittal(3mm/2mm)
IV contrast (volume and type)	No	None	150mls Omni 300
Injection rate	n/a	n/a	90mls @ 3ml/s 20s pause 60mls @ 3mls/s
Scan Delay	n/a	n/a	70s
Scan coverage	Supra-orbital baseline. Skull base to vertex	Skull base to T2	Apicies to below Symph
Comments	Topogram cauda-cranial from symph to vertex Remember to adjust reconstruction ranges for lung fields and sagittal and coronal recons		