

CT Adkins Protocol

Indication: Occiput C1-C2 instability

PT Prep: Remove all metal objects from neck and chest to eliminate artifacts.

Series 1: **Scouts AP & LAT – Supine (head first) “0” at Sternal Notch S 250 to I 50**

Series 2: Neutral position. Scan from mid posterior fossa to top of C4.

Series 3: Maximally chin tuck within range of no pain. Scan from mid posterior fossa to top of C4.

Series 4: From neutral position maximally rotate tip of nose/head to the right within range of no pain. Scan from mid posterior fossa to top of C4.

Series 5: From neutral position maximally rotate tip of nose/head to the left within range of no pain. Scan from mid posterior fossa to top of C4.

Reconstruction Standard & Bone

DFOV 12cm

Technique:

	750 HD 128 (room 2)	Optima 660 (32) OVIC	Optima 660 (room 1)	VCT 64 (room 3)
Noise Level	12.50	12.50	12.50	12.50
Interval	2.5mm	2.5mm	2.5mm	2.5mm
Axial/Helical Thickness	2.5mm	2.5mm	2.5mm	2.5mm
Pitch	0.969:1	0.969:1	0.984:1	0.984:1
Speed mm/rotation	19.37	19.37	39.37	39.37
Detector Rows				
Detector Configuration				
Beam Collimation	20mm	20mm	40mm	40mm
Kv/mA	120KV/650mA	120KV/250mA	120KV/250mA	120KV/250mA
Scan	Helical 1.0 sec	Helical 1.0 sec	Helical 1.0 sec	Helical 1.0 sec

Original Date: 01/16/18
Revised Date:

Approved by: Dr. Donnal

GE MDCT