

Root		Muscle Disc s	Reflex	Sensation	EMG	Myelogram	Uncinaete Process
C5	C4-C5	Deltoid Biceps	Biceps	Lateral arm Axillary nerve	Fibrillation or sharp waves in deltoid, biceps **	Bulge in spinal cord C4-5	C5
C6*	C5-C6	Biceps, Wrist extensors	Brachioradialis	Lateral forearm Musculocuteous nerve	Same in biceps ***	Bulge in spinal cord C5-C6	C6
C7	C6-C7	Triceps Wrist flexors, Finger extensors	Triceps	Middle finger	Same in triceps*** *	Bulge in spinal cord C6-C7	
C8	C7-T1	Hand intrinsic, Finger flexors		Medial forearm. Med. Ant. Branch cutaneous nerve	Same in intrinsic hand muscles *****	Bulge in spinal cord C7-T1	
T1	T1-T2	Hand intrinsic		Medial arm. Med. Brach. Cutaneous nerve	Same in hand muscles		

* Most Common level of herniation

** Deltoid, rhomboid, supra and infraspinatus muscles

*** Extensor carpi radialis longus and brevis

**** Triceps, flexor carpi radialis, extensor digitorum longus

***** Flexor digitorum muscles