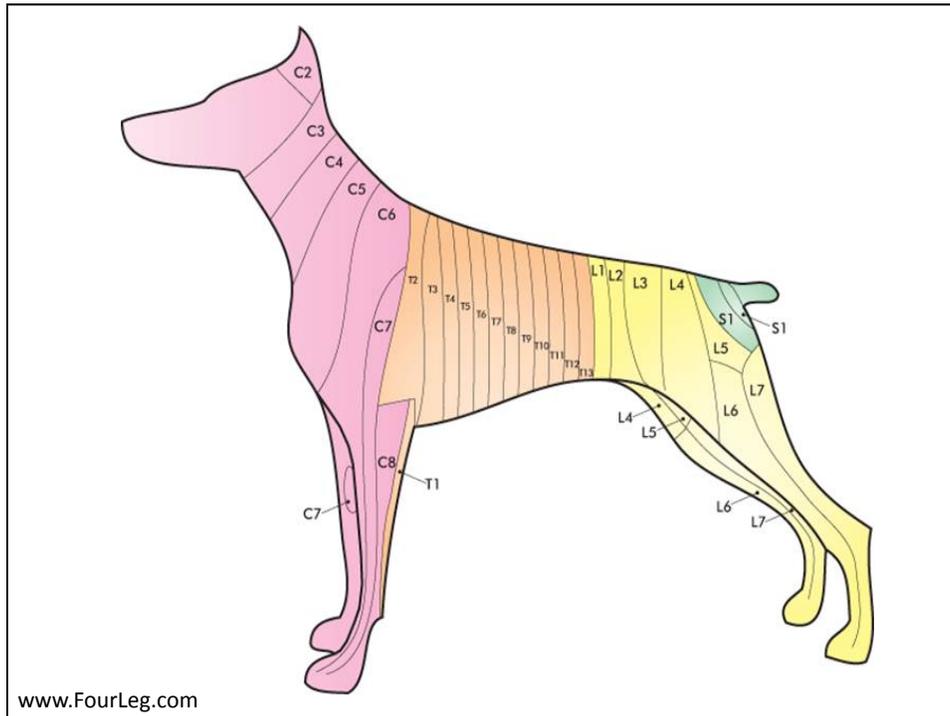


Canine Myotomes & Dermatomes



Segmental Nerve Roots, Peripheral Nerves and Limb Muscle Innervation		
Nerve	Nerve Roots	Muscles
Suprascapular N.	(C5), C6, C7	Supraspinatus, Infraspinatus
Subscapular N.	C6, C7	Subscapularis
Axillary N.	(C6), C7, C8	Teres Major, Teres Minor, Deltoideus, (Subscapularis)
Pectoral N.	C7, C8	Superficial and Deep Pectorals
Musculocutaneous N.	C6, C7, (C8)	Biceps Brachii, Brachialis, Coracobrachialis
Radial N.	C7, C8, T1, (T2)	Triceps brachii, Extensor carpi radialis, Ulnaris lateralis, Common digital extensor, Lateral digital extensor
Median N.	C8, T1, (T2)	Flexor carpi radialis, Superficial digital flexor, (Deep digital flexor)
Ulnar N.	C8, T1, (T2)	Flexor carpi ulnaris, Deep digital flexor
Thoracodorsal N.	(C7), C8, (T1)	Latissimus Dorsi
Femoral Nerve	L4, L5, L6	Iliopsoas, Quadriceps complex, Sartorius
Obturator Nerve	(L4), L5, L6	External obturator, Pectineus, Gracilis, Adductor
Cranial Gluteal Nerve	L6, L7, S1	Middle Gluteal, Deep Gluteal, Tensor Fascia Lata, Piriformis
Caudal Gluteal Nerve	L7 (S1, S2)	Superficial gluteal, (Middle gluteal), (Biceps Femoris), (Semitendinosus)
Sciatic Nerve	L6, L7, S1 (S2)	Biceps Femoris, Semimembranosus, Semitendinosus, Obturator internus, Quadratus femoris, Gemelli
Common Peroneal Nerve	a/a	Peroneus Longus & Brevis, Lateral Dig. Extensor, Long Dig. Extensor, Cranial tibial
Tibial Nerve	a/a	Gastrocs, Popliteus, Supf. Dig. Flexor, Caudal tibial, Deep Dig. Flexor
Pudendal Nerve	S1, S2, S3	External anal sphincter, the external genitalia