**Anatomy of the Hindlimb (Innervation)**

* Femoral nerve (L4, L5 sometimes L3, L6)
	+ Muscle Innervation – Stifle extensors (quadriceps), Iliopsoas
	+ Cutaneous Innervation – Medial aspect of limb
* Obturator nerve (L5, L6)
	+ Muscle Innervation– Adductors (obturator, adductors, gracilis)
	+ Cutaneous Innervation– nil
* Gluteal nerve (L6, L7, S1)
	+ Muscle Innervation– gluteals, TFL, biceps femoris, semitendinosus
	+ Cutaneous Innervation– nil
* Sciatic nerve (L6, L7, S1, S2)
	+ Muscle Innervation– biceps femoris, semitendinosus, semimembranosus
	+ Cutaneous Innervation– see tibial and fibula branches
* Tibial nerve (S1, S2)
	+ Muscle Innervation– extensors of hock, flexors of digits
	+ Cutaneous Innervation– caudal aspects of the limb below stifle
* Fibular nerve
	+ Muscle Innervation– flexors of the hock, extensors of the digits
	+ Cutaneous Innervation– cranial and lateral aspects of limb

