

EPM:

Lesion Locations and Symptoms Displayed:

Cerebrum:

altered behavior,
mentation, and consciousness
mild weakness
mild depression
aimless wandering
seizures
blindness w/normal pupillary light response

Cerebellum

altered behavior
intention tremors
hypermetria
hypertonicity
abnormal menace response

Cranial Intumescence (C8-T2)

profound weakness
hypoflexia in front limbs and
hyperflexion to normoreflexin in rear limbs

Thoracolumbar Spinal Cord

mild ataxia
weakness in rear limbs
normal front limbs

Caudal Intumescence (L4-S2)

normal front limbs
proufound weakness and
hypoflexia in rear limbs
horse may "dog sit"

Peripheral Nerves of Caudal Equina (>S2)

normal front and read limbs

tail weakness
bladder atony
perianal hypalgesia

Peripheral Nerves of Limbs and Face

profound muscle atrophy,
weakness
hyporeflexia
hypotonicity
decreased pain

Cervical Spinal Cord

ataxia
weakness
spasticity in all four limbs (w/rear limbs more spastic than front limbs)

Brainstem:

dementia,
altered behavior
severe depression
weakness
semicoma
cranial nerve signs
ataxia
spasticity
narrow circling