



PATIENT PRESENTING CLINICAL SIGNS

Missy Buchanan History: Acute onset PL paresis Thursday morning
 Abnormal PE/Chem/CBC/UA Results: New grade III-IV/VI heart murmur Proprioception: abnormal - absent in the pelvic limbs Gait: unable to ambulate - pelvic limb paresis/paralysis - possible mild motor in the right pelvic limb Right caudal lung nodule Hx feline asthma CK = 12320 U/L

SPECIES

Feline **MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE**

BREED

T2*, T2 & T1 weighted (including DIXON) – pre- and post contrast – and diffusion weighted sequences in multiple imaging planes are provided for review.

DLH

MAGNETIC RESONANCE IMAGING FINDINGS

SEX

Spayed Female

The spinal cord, level with L1 to L5, presents a diffuse moderate to marked hyperintense signal in the fluid sensitive sequences. The volume of the respective segment of the spinal cord is maintained normal. Post contrast administration no overt contrast enhancement of the spinal cord segment L1 to L5 is noted. In the ADC, there is a region in the dorsal aspect of the spinal cord, level with L2, presenting a signal drop.

AGE

13 Years

The epaxial and hypaxial musculature, L>R, level with L1 to L4 presents multiple diffuse hyperintense regions in the fluid sensitive sequences with mild to moderate contrast enhancement.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

INTERPRETED BY

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

- Segmental myelopathy L1 to L5
- Suspect neurogenic edema of the respective segments of the lumbar musculature

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Animal Health
 Partners

There is long segment of the spinal cord presenting a diffuse hyperintensity in the fluid sensitive sequences without contrast enhancing. Due to the acute onset of clinical signs and given the history of cardiac murmur and possible signal drop in the diffusion imaging, and ischemic insult is a potential – either due to cardiac thromboembolism or fibrocartilaginous embolism. However, infiltrative disease such as lymphoma or less likely myelitis are potentials. If not done so yet, recommend complementing workup by a CSF tap. A cardiac echo would be beneficial to check for underlying cardiac disease. As a long segment of the spinal cord is affected (at least 4 lumbar vertebra), the prognosis is guarded.

REFERRING VET

Dr. Marchal

INVOICE

12530

DATE

8/13/21



PATIENT

Missy Buchanan

SPECIES

Feline

BREED

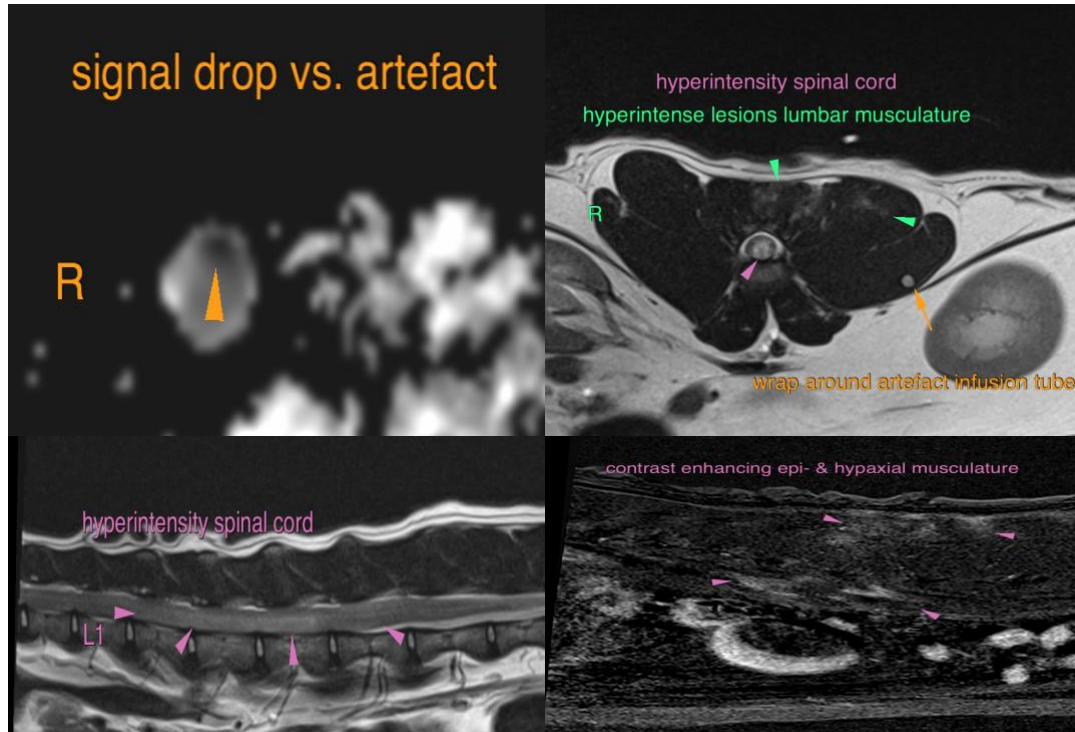
DLH

SEX

Spayed Female

AGE

13 Years



The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

HOSPITAL NAME

Animal Health
Partners

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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