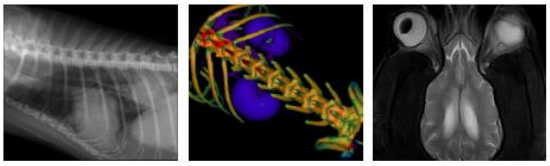

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1-800-838-4268 info@sonopath.com

PATIENT

Phoebe McCarthy

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed Female

AGE

8 Years 2 Days

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

HOSPITAL NAME

Toronto Animal Health Partners

REFERRING VET

Dr. Alison Little

INVOICE

20583

DATE

1/11/23

PRESENTING CLINICAL SIGNS

History: Just after Christmas her left eye was noted to be a little bit crusty. She was scratching the left side of her face a lot. She started having abnormal jaw movements and an abnormal tongue movement. Her mouth was a lot more open while she was licking. She was evaluated by her primary care veterinarian where she seemed stiff on her right back leg. She was taken to an emergency clinic on January 2nd. At that time she was stumbling and falling. She jumped/fell out of the car and went splayed leg She has progressively been getting weaker in her back end. She cannot navigate stairs. She is having trouble getting up. She is rapidly declining

MAGNETIC RESONANCE IMAGING OF THE THORACIC & LUMBAR SPINE

T2 (DIXON) weighted sequences in multiple imaging planes are provided for review.

MAGNETIC RESONANCE IMAGING FINDINGS

Multifocal moderate spondylosis formation is seen along the thoracic and lumbar spine and the subchondral bone of the respective vertebral endplates presents a hypointense signal – indicating sclerosis. The intervertebral discs T13/L1 and L6/L7 are protruding into the vertebral canal, occupying approximately 10% of the cross-sectional area of the vertebral canal at the same level, compressing the ventral epidural space and subarachnoid space. The intervertebral discs L2/L3 and L3/L4 are mildly protruding into the vertebral canal. Multiple intervertebral discs along the thoracic and lumbar spine present a mild loss of the in fluid sensitive sequences hyperintense signal of the nucleus pulposus.

The spleen has a heterogeneous signal pattern in STIR with multiple hypointense moth-eaten lesions throughout the splenic parenchyma.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Intervertebral disc protrusion T13/L1 and L6/L7 with possible dynamic myelocompression
- Intervertebral disc protrusion L2/l3 and L3/L4 without compressive myelopathy
- Heterogeneous signal pattern of the spleen
- Spondylosis deformans
- Multifocal degenerative disc disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The MR study of the thoracic and lumbar spine presents without abnormalities, explaining the described clinical signs – in combination with the cranial findings rule out neoplastic disease versus inflammatory origin.

The heterogeneous signal pattern of the spleen is not specific and most consistent with nodular hyperplasia or extramedullary hematopoiesis – consider FNA sampling to confirm the diagnosis and ruling out malignant infiltrative disease.

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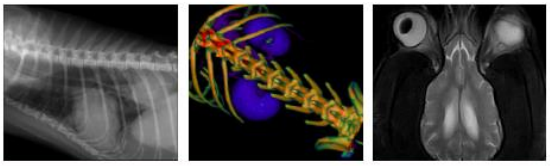

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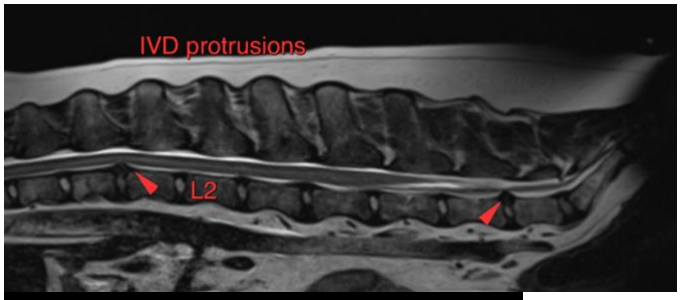

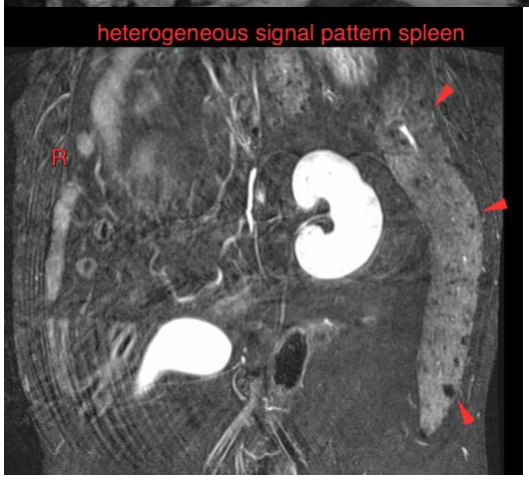

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com