


PATIENT PRESENTING CLINICAL SIGNS

Zeppelin Favaro Intermittently crying out in pain when playing with the other dogs in the house. History of a left scapular fracture. Last cried when collar was grabbed.

SPECIES Abnormal PE/Chem/CBC/UA Results: Mild, intermittent right pelvic limb lameness and discomfort on palpation. Mild discomfort on hip extension.

Canine

MRI STUDY OF THE SPINE, SHOULDERS, AND COXOFEMORAL JOINTS
BREED Spine

German Shepherd

Mild step formation with ventralization of the sacrum is seen at the lumbosacral junction, which is associated with ventralization and telescoping of the sacral roof as well as mild hypertrophy of the ligamentum flavum. Degenerative changes of the lumbosacral disc are seen as well as moderate protrusion into the ventral epidural space of the vertebral canal, which is slightly more advanced on the left side. A fine line of epidural fat can be seen between the herniated disc material and the cauda equina fibers. Reduced height of the epidural fat space is seen dorsal to the cauda equina as well. No significant neuroforaminal stenosis is noted.

SEX

Neutered Male

The intervertebral disc T13/L1 shows mild protrusion into the ventral epidural space with no significant spinal cord compression. The dorsal epidural and subarachnoid space are maintained.

AGE

3 Years

Number, alignment, and anatomy of the cervical vertebrae and intervertebral discs present within normal limits.

INTERPRETED BY

Nele Eley (Ondreka),
 DVM Dr. med. vet.,
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Coxofemoral Joints

The conformation coxofemoral joints is within normal limits. There are no significant signs of dysplasia, osteoarthritis, or traumatic injury. The amount of fluid within the synovial space appears to be within normal limits on both sides.

The psoas minor tendon presents mild thickening and increased signal intensity on fluid sensitive sequences close to its musculotendinous junction on the right side. The left psoas minor tendon presents within normal limits.

HOSPITAL NAME

Animal Health
 Partners

Shoulders

A longitudinal fracture of the left scapula is seen close to and paralleling the scapular spine. Fracture margins appear to be rounded with close medullary cavities. Union of the fracture margins is not achieved. There is mild medial and cranial displacement of the cranial fracture segment, which includes most of the fossa supraspinatus. The fracture appears to involve the joint surface of the glenoid cavity and moderate effusion as well as periarticular osteophytosis are noted in the left shoulder joint. No significant muscle atrophy of the left shoulder muscles. However, mild regional increase in signal intensity of the supra- and subcapsular muscles is seen in proximity of the fracture.

REFERRING VET

Dr. Alison Little

MRI DIAGNOSIS
INVOICE

42107

- Moderate degenerative lumbosacral stenosis
- Right iliopsoas injury and non-union fracture of the left scapula with articular involvement and shoulder osteoarthritis.

DATE

10/13/22



PATIENT INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Zeppelin Favaro

The MRI study reveals moderate degenerative lumbosacral stenosis. It is well known that the correlation between the MRI findings and the severity of the clinical signs is highly variable, hence the findings need to be put into the clinical context. However, based on the MRI, the overall degree of vertebral canal stenosis appears moderate.

SPECIES

Canine

Note the presence of right iliopsoas musculotendinopathy with injury of the psoas minor tendon close to the musculotendinous junction. Iliopsoas injury may be due to trauma including eccentric muscle contraction as well as chronic repetitive microinjury.

BREED

German Shepherd

Regarding the non-union of the left scapula, the patient does not appear to suffer from chronic disuse of the limb since there is no evidence of significant muscle atrophy. Mild regional and presumably traumatic myositis is seen. However, the fragments remain ununited and the injury appears to involve the left shoulder joint, which is affected by secondary incongruity and osteoarthritis.

SEX

Neutered Male

AGE

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REFERRING VET

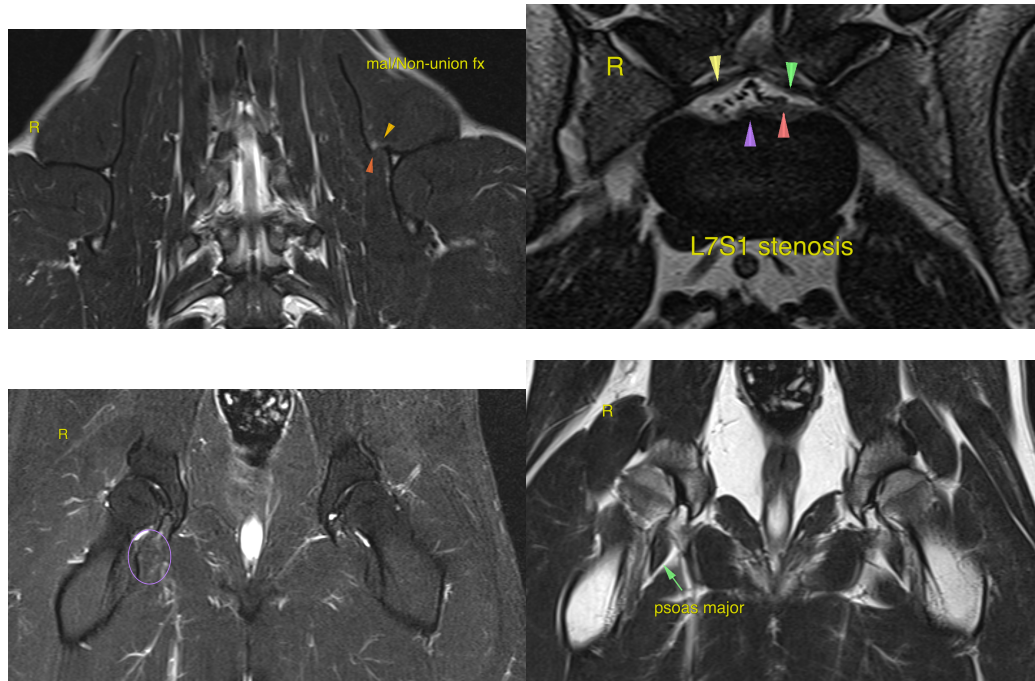
Dr. Alison Little

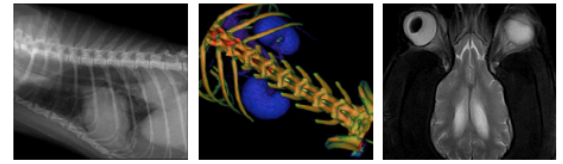
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PATIENT

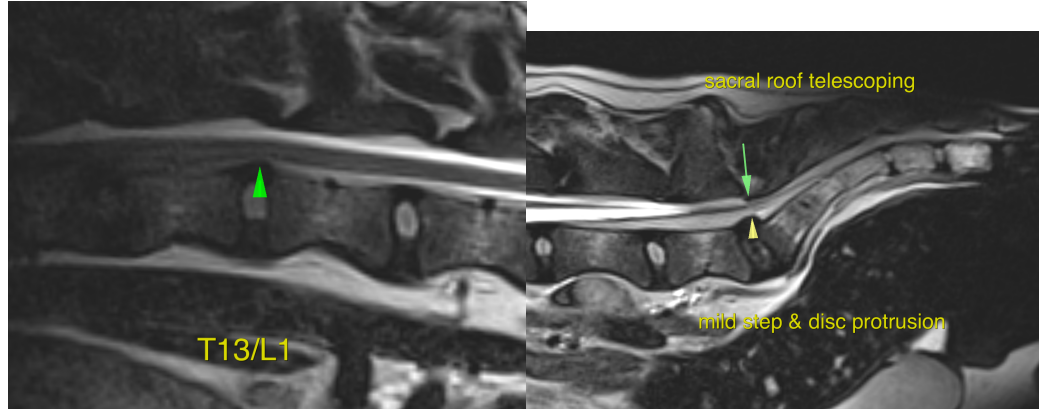
Zeppelin Favaro

SPECIES

Canine

BREED

German Shepherd



SEX

Neutered Male

AGE

3 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.

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.

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