



PATIENT

Howard Bogner

SPECIES

Canine

BREED

Beagle

SEX

MN

AGE

2 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Scottsdale Veterinary
Clinic

REFERRING VET

Dr. Horsley

INVOICE

56718

DATE

2-13-23

PRESENTING CLINICAL SIGNS

grade 4/6 lame on left pelvic limb, toe touching. Pain on extension of right hip. Painful on palpation or extension of left hip. No soft tissue swelling or heat palpable on hindlimbs. Painful and reactive to palpation over iliopsoas muscle region. No cranial drawer or laxity in LH stifle. Otherwise all joints and limbs palpate normally; spinal palpation normal; appropriate muscle mass

COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS

Pelvis through the tarsal joints - plain and post contrast studies available for review. Dorsally recumbent position, positioning aid between the hind legs.

COMPUTED TOMOGRAPHIC FINDINGS

Moderate atrophy of the left hind limb musculature appears to be present.

The coxofemoral joints present within normal limits. There is no evidence of traumatic osseous injury, canine hip dysplasia, or osteoarthritic changes.

Multifocal mineralization of the lumbosacral intervertebral disc with mild to moderate disc protrusion is seen. There appears to be no significant neuroforaminal stenosis.

The peripheral portions of the right and left sciatic nerve present within normal limits.

Mild subcutaneous emphysema is seen in the right gluteal area.

Minimal focal increase in contrast enhancement appears to be present in the left psoas major muscle close to its musculotendinous junction next to the lesser trochanter of the femur. See arrow in the image below.

Both stifle joints present within normal limits. No evidence of increased effusion, synovial swelling, osteoarthritis, or subchondral bone defects is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild to moderate degenerative lumbosacral stenosis
- Muscle atrophy of the left hind limb
- Suspect left psoas major musculotendinopathy
- Normal CT findings of both coxofemoral and stifle joints.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveal mild to moderate degenerative lumbosacral stenosis. No direct compression of the cauda equina nerve fibers is seen. The degree of stenosis and the symmetric presentation of the stenosis are unlikely to explain the unilateral lameness and muscle atrophy in this patient.

Both coxofemoral and stifle joints present within normal limits. There is no structural evidence of peripheral sciatic neuropathy.

Mild changes of the psoas major muscle and tendon appear to be present which may suggests



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presence of left iliopsoas musculotendinopathy. It remains uncertain as to whether this fully explains the clinical presentation of the patient.

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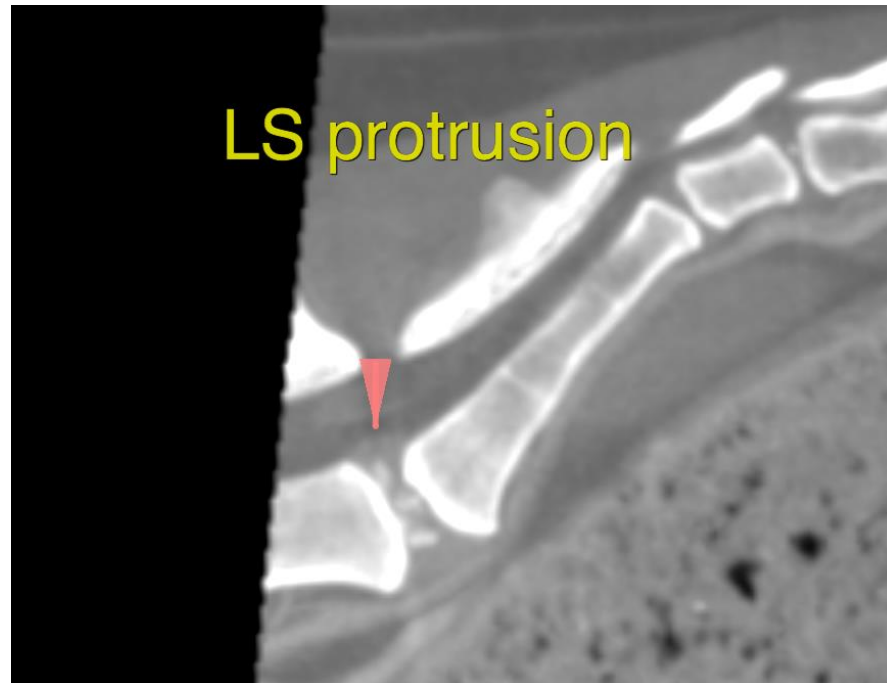
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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