



PATIENT

Lucy Couture

SPECIES

Canine

BREED

Border Collie

SEX

SF

AGE

12 Years, 11 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

River Valley
Veterinary Wellness
Clinic

REFERRING VET

Jennifer Stelfox

INVOICE

55570

DATE

12-13-22

PRESENTING CLINICAL SIGNS

Summary of RVVWC rads taken on Dec 10. 1) lateral lumbar/pelvis - mod lumbosacral stenosis 2) VD lumbar/pelvis - normal hips, no obvious anomalies on stifles. 2 small round to oblong opacities on the left caudal pubis area. 3) VD chest - heart is enlarged - suspect left atrial and possibly right atrial enlargement. Review of Edmonton West Vet Clinic Oct 31 rads: 1) Left lateral thorax lateral - enlarged heart - left atrial and ventricular 2) RHL knee lateral - possible effusion 3) LHL knee lateral - nsf. Summary: history of DWB on RHL and coughing. Dog's RHL is not painful on palpation to explain DWB. Suspicious of LS stenosis neuro issues. Suspect coughing is due to CHF although lungs to not appear to have interstitial pattern.

RADIOGRAPHIC STUDY OF THE PELVIS, STIFLES, & THORAX

Right/left lateral and ventrodorsal views of the thorax available for review.

RADIOGRAPHIC FINDINGS

Thorax

The cardiac silhouette presents within normal limits on the ventrodorsal view. No specific chamber enlargement can be identified. There is no evidence of left atrial or left ventricular enlargement on this ventrodorsal image.

The mediastinum presents of normal width.

The lung and bronchial tree present within age related normal limits.

Pelvis

Mild narrowing of the lumbosacral intervertebral disc space with early spondylosis deformans and vertebral end plate sclerosis is seen.

The lumbar vertebrae present within normal limits regarding their number, general anatomy, and alignment.

The coxofemoral joints present within normal limits.

The muscle volume of the right hind limb is reduced.

Polygonal shaped ossified mineral opaque structures are seen superimposed onto the soft tissues of the proximomedial left hind limb caudal to the sciatic bone.

Stifles

The stifle joints present within age related normal limits.

RADIOGRAPHIC DIAGNOSIS

- Mild degenerative lumbosacral stenosis
- Atrophy of the right hind limb musculature.
- Mineralization/ossifications in the soft tissues caudal to the left sciatic bone.



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- Normal radiographic presentation of the coxofemoral and stifle joints.
- Normal age related presentation of the thorax.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The radiographic study reveals mild signs of degenerative lumbosacral stenosis. Further definition for potential presence of lumbosacral disc protrusion or neuroforaminal stenosis, which could explain the patient's clinical signs, requires further workup by means of cross sectional imaging, ideally an MRI.

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The loss of muscle volume in the right hind limb may be due to disuse or neurogenic atrophy.

There is no apparent structural pathology in the coxofemoral or stifle joints noted which appears to increase the odds of neurologic disease. Clinical correlation is required.

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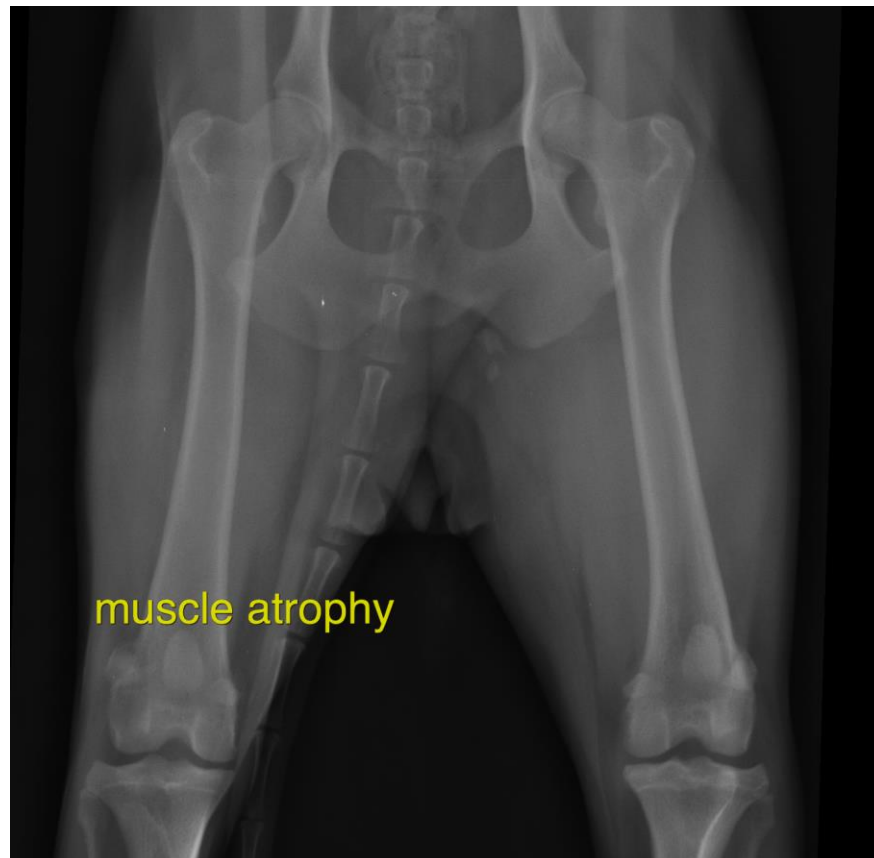
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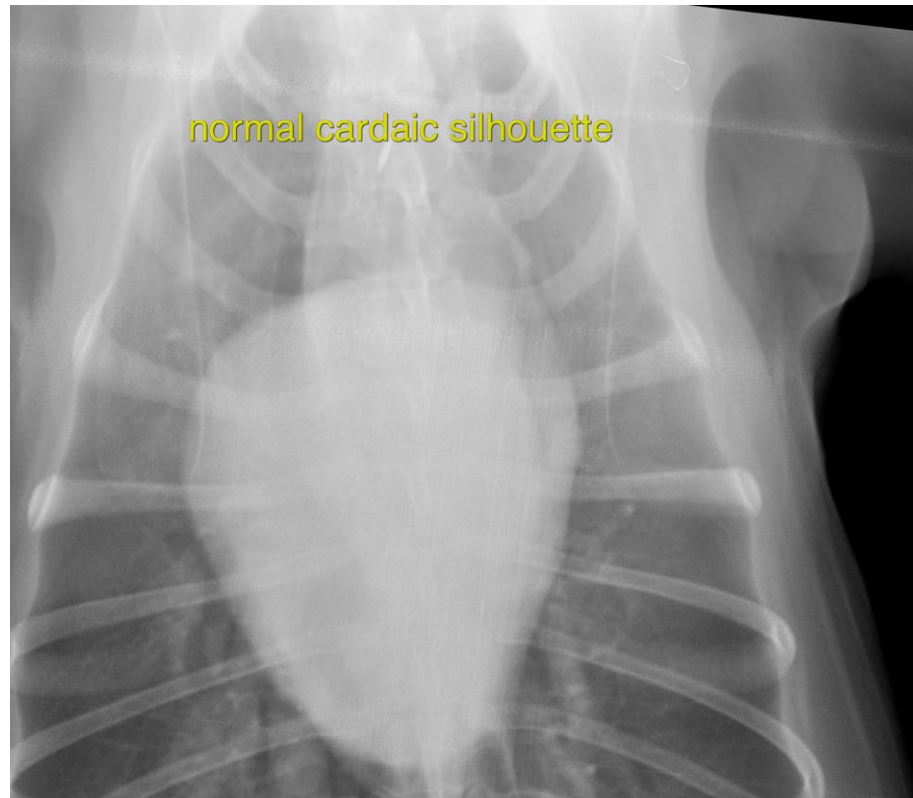
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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