



**PATIENT PRESENTING CLINICAL SIGNS**

**JJ Joseph** Has abnormal formation on R forelimb, has some atrophy over scapula and smaller foot/muscles and carpus appears to be in slight flexion. Does not appear to be that lame or painful, does seem a bit reactive with direct palpation in lateral box pocket. Rec CT bilateral comparison of shoulder, elbow and carpus ? congenital abnormality

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS**

**BREED**

Golden Retriever

Two CT series of the thoracic limbs, without contrast media are provided for review. One pre-contrast of the thoracic limbs including all joints, soft tissue algorithm. One pre-contrast series of the thoracic limbs including all joints, bone algorithm.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

Male

There is mild to moderate reduction of the muscle mass of the right thoracic limb in comparison with the left thoracic limb, especially more distal and adjacent to the radius and ulna, in all groups of the extensor and flexor muscles. However, all osseous bone structures are intact.

The scapulohumeral joints are normal.

**AGE**

11 Weeks

The humeroulnar and humeroradial joints are normal.

The antebrachial, carpal and metacarpal joints are normal.

**INTERPRETED BY**

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

The scapula, humerus, radius, ulna, carpal bones, metacarpal bones, and phalanx are unremarkable.

Open physis lines are visible and correspond to the patient's young age. All apophysis are regular and intact.

No traumatic osseous lesions or asymmetric soft tissue swelling identified.

**HOSPITAL NAME**

Adelaide Plains Veterinary Surgery

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Abnormal muscle mass volume of the right thoracic limb, atrophy.
- Normal osseous bone and articular structures.
- Normal open physis and normal apophysis, correspondent at the patient's age.

**REFERRING VET**

Dr J Katakasi

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The tomographic findings of the right thoracic limb are correlated to the present history of asymmetry of the muscle mass; however, no congenital osseous abnormalities were detected. There is no evidence of traumatic fractures or articular lesions. Consider muscle atrophy due to disuse, without defining the etiology of the problem. Previous neurological lesion or congenital and inherited muscular dystrophy are possible causes. However, muscular dystrophy is a rare disease and usually involves other clinical signs such as swallowing difficulty, weakness, an enlarged tongue, resistance to exercise, tremors, and flat feet.

**INVOICE**

59410

**DATE**

7-17-23



**PATIENT**

JJ Joseph

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Veterinary Surgery

**REFERRING VET**

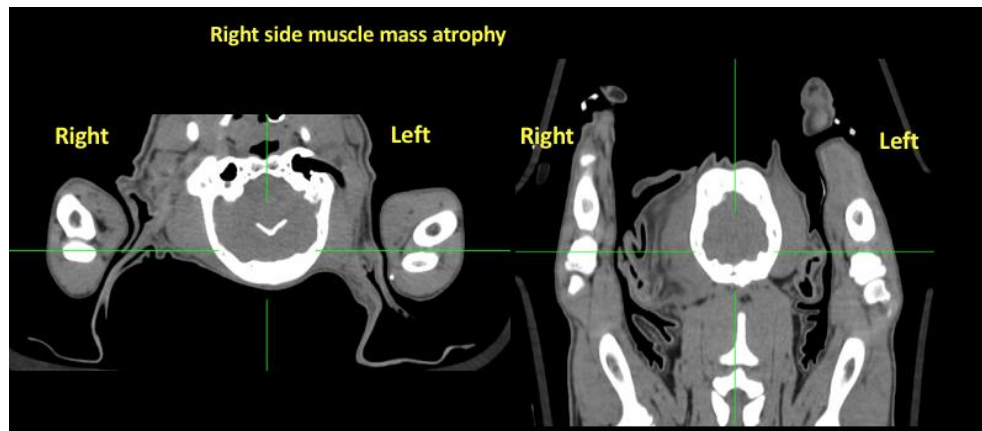
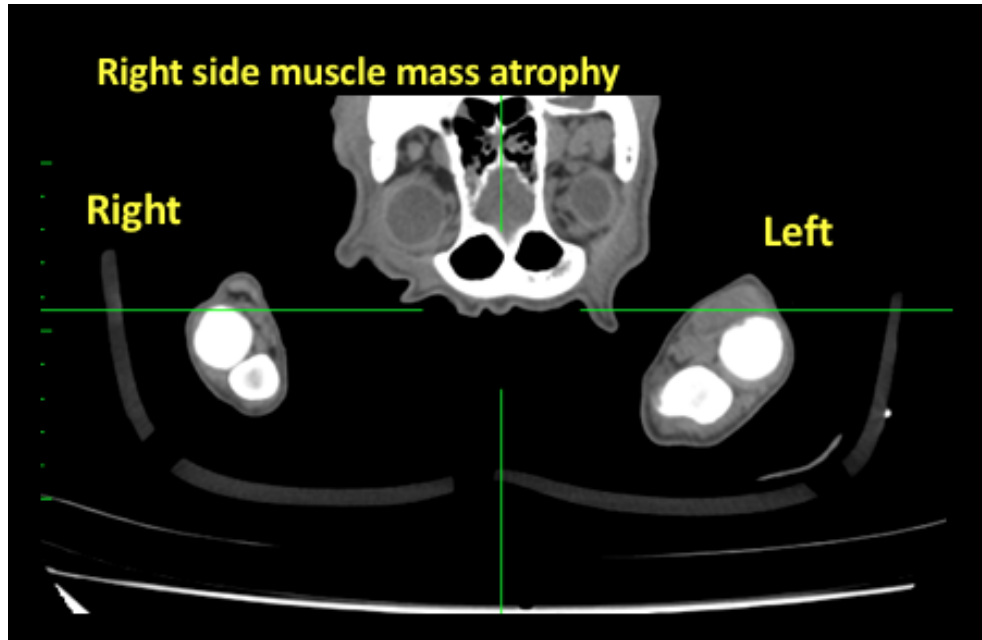
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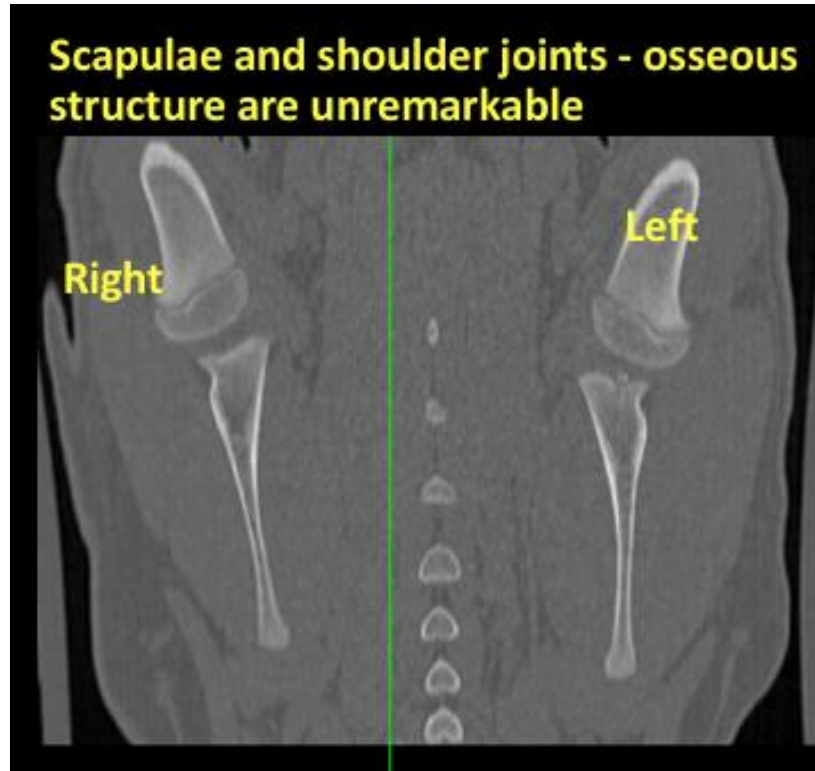
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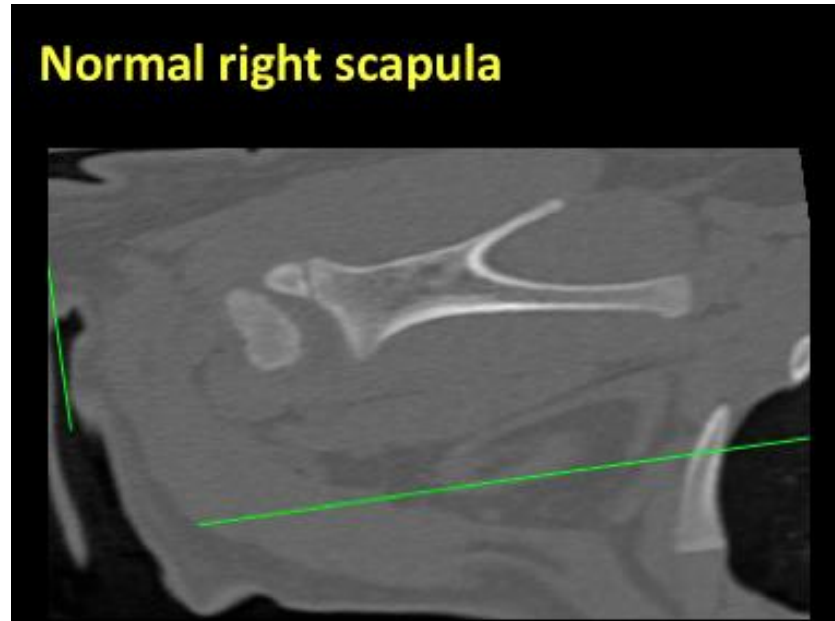
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet**  
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