



**PATIENT**

Kip Toyne

**PRESENTING CLINICAL SIGNS**

falling injury right fore lame initially presenting with lameness in foot, now isolating to the shoulder no visible pathology on radiographs

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS**

Plain study available for review.

**BREED**

Kelpie X

**COMPUTED TOMOGRAPHIC FINDINGS**

The phalanges of the 5<sup>th</sup> digit in the right front paw are absent.

There is a short oblique distal diaphyseal fracture of the 4<sup>th</sup> metacarpal bone with evidence of callous formation and moderate dorsal and lateral deviation of the distal fragment.

**SEX**

M

Mild lateral deviation of the distal 3<sup>rd</sup> metacarpal bone is seen with no overt disruption of the growth plate.

The tip of the right medial coronoid process is reduced in attenuation. No fragmentation or fissure is seen.

**AGE**

4 Months

The right shoulder presents within age related normal limits. There is no evidence of traumatic osseous injury, subluxation, or dysplasia.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- History of traumatic osseous injury in the right front paw with amputation of the 5<sup>th</sup> digit.
- Healing distal diaphyseal and metaphyseal fracture of the 4<sup>th</sup> digit with mild angular deformity.
- Mild angular deformity of the 3<sup>rd</sup> metacarpal bone.
- Decreased bone attenuation in the tip of the right medial coronoid process.
- Structurally normal CT study of the right shoulder.

**HOSPITAL NAME**

Advanced Veterinary  
Imaging

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

A healing malunion fracture with mild angular limb deformity of the 4<sup>th</sup> right metacarpal bone is seen. There appears to be osseous trauma to the 3<sup>rd</sup> metacarpal bone with mild lateral angulation as well. However, no overt disruption of the physis is seen and clinical significance may not necessarily be given.

**REFERRING VET**

Eamon

Differential diagnosis for the reduced bone opacity in the tip of the right medial coronoid process includes osteopenia as well as osteomalacia. No additional changes are noted in the right elbow.

**INVOICE**

49911

No evidence of traumatic osseous injury or articular injury of the right shoulder can be identified in the CT study.

**DATE**

1-27-22

Soft tissue trauma or inflammation still remains a potential.



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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.

**SPECIES**

Canine

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.

**BREED**

Kelpie X

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**SEX**

M

**AGE**

4 Months

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