



PATIENT PRESENTING CLINICAL SIGNS

Wicked Newton 02/04/2023: Dog has slipped couple of weeks ago, and has been limping since. Has been on meloxicam for 2 days - developed diarrhea due to giardia - meloxicam was stopped and changed to paracetamol. Crate rest was advised. HX sent over but no images sent. From hx no obvious fractures/luxations seen Overtime the limp did not improve and dog has developed a stance problem. Right front limb seems to be tilting and rotating laterally and outwards. BAR Running wild, no limp visible when running but abovementioned positioning problem with front R paw present. On video that Owner has made limp on right front visible (3/10) legs appear symmetrical ROM of R carpus same as L no pain on manipulation of R or L carpus / metacarpals no swelling elbows symmetrical, no swelling, ROM WNL supination and pronation movements not causing any crepitus or pain. Pain in extension of right shoulder plus seems painful around biceps brachii tendon. Similar reaction does NOT occur on L side.

SPECIES
Canine

BREED
Border Collie

COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS AND CERVICAL SPINE

SEX
Female

Six CT series of the right thoracic limb, pre- and post-contrast media are provided for review. One pre-contrast and one post-contrast of the shoulder joint. One pre-contrast and one post-contrast of the right elbow joint. One pre-contrast right antebrachial, carpus, and metacarpal joints. One post-contrast right antebrachial, carpus, and metacarpal joints.

AGE COMPUTED TOMOGRAPHIC FINDINGS

5 Months **RIGHT THORACIC LIMB**

INTERPRETED BY

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

A small incomplete non-healing fracture is seen at the proximal lateral cortices of the metacarpal bone of the second digit. Tiny pinpoint chip fragments are seen adjacently. No evidence of joint involvement. Mild regional lateral soft tissue swelling in the subcutaneous tissues is noted.

The scapulohumeral joint is congruent.

The humeroulnar and humeroradial joints are normal.

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The radius and ulna are normal.

The antebrachial and carpal joints are normal.

No evidence of joint flap, and the coronoid process is intact.

REFERRING VET

Laura Blackwell

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Small nonhealing, greenstick fracture of the proximal metacarpal of the second digit of the right manus and tiny pinpoint chip fragments.
- No signs of joint involvement.
- Otherwise, normal thoracic limb.

INVOICE

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DATE

4-5-23



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Wicked Newton The tomographic finding of the nonhealing greenstick fracture of the right metacarpal of the second digit is correlated to the history of previous trauma and lameness. Conservative therapy is suggested, and crate rest as previous advised. The chip fragments are very small, and likely will be reabsorbed.

SPECIES TECHNICAL COMMENTS

Canine Laterality markers are not present in the series; it is assumed by the history that the lesion is in the right thoracic limb.

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AGE

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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.

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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.

DATE

4-5-23

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