



PATIENT PRESENTING CLINICAL SIGNS

Sky Golden Rescue Rescue with unknown prior history. Bilateral angular limb deformities, worse on the left with multi apical deformity. Evaluation elbows and carpus for abnormalities/arthritis

SPECIES COMPUTED TOMOGRAPHY OF THE FRONT LIMBS

Canine A plain CT study of the front limbs in a bone and soft issue reconstruction is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Golden Retriever The shoulder joints are not included within the field of view.

Along the medial aspect of the diaphysis of the right humerus solid periosteal new bone formation is appreciated with a fissure line running through the cortex at the same level.

SEX The periarticular bones of both elbow joints present smooth osseous margins, but mild irregular tip of the medial coronoid process. The left elbow joint presents a mild incongruity of the joint space due to mild radio-ulnar step formation of 1.8 mm.

MN The growth plates of the long bones of the right antebrachium present without abnormalities. There is a mild pronounced procurvatum conformation of the right antebrachium. Solid periosteal new bone formation is seen along the caudomedial aspect of the right ulnar diaphysis. The right ulna is measuring 16.1 cm in length.

AGE The distal growth plate of the left ulna is closed and mild to moderate irregular new bone formation is noted along the lateral aspect of the distal ulnar segment. The left ulna is measuring 14.6 cm in length. The distal growth plate of the left radius is irregular and periosteal new bone formation are seen along the distal growth plate, extending proximally along the lateral aspect of the diaphysis of the left radius up to the level of the mid diaphysis. A moderate procurvatum conformation of the left radius is noted. Caudal (approximately 50°) and lateral (approximately 43°) axial deviation of the distal epiphysis of the left radius is appreciated with secondary abnormal valgus conformation of the carpal joint.

10 Months The distal growth plate of the left ulna is closed and mild to moderate irregular new bone formation is noted along the lateral aspect of the distal ulnar segment. The left ulna is measuring 14.6 cm in length. The distal growth plate of the left radius is irregular and periosteal new bone formation are seen along the distal growth plate, extending proximally along the lateral aspect of the diaphysis of the left radius up to the level of the mid diaphysis. A moderate procurvatum conformation of the left radius is noted. Caudal (approximately 50°) and lateral (approximately 43°) axial deviation of the distal epiphysis of the left radius is appreciated with secondary abnormal valgus conformation of the carpal joint.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health Partners

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Complex axial limb deformity left distal radius and secondary valgus position of the left carpal joint
- Left sided moderate procurvatum conformation of the radius
- Premature closure distal left ulnar growth plate
- Mild pronounced procurvatum conformation right antebrachium
- Periosteal new bone formation right humerus due to fissuring of the cortex
- Periosteal new bone formation along the right ulna – likely due to preceding trauma

REFERRING VET

Debbie Reynolds

INVOICE

54773

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is severe axial deviation of the left distal radius with lateral and caudal kinking of the axis and secondary carpus valgus. The axial deviation are the result of preceding traumatic insult to the distal growth plates of the radius and ulna. Correction osteotomy would be the therapy of choice.

DATE

10-24-22

The most pronounced finding of the right antebrachium is the mild accentuated procurvatum conformation.



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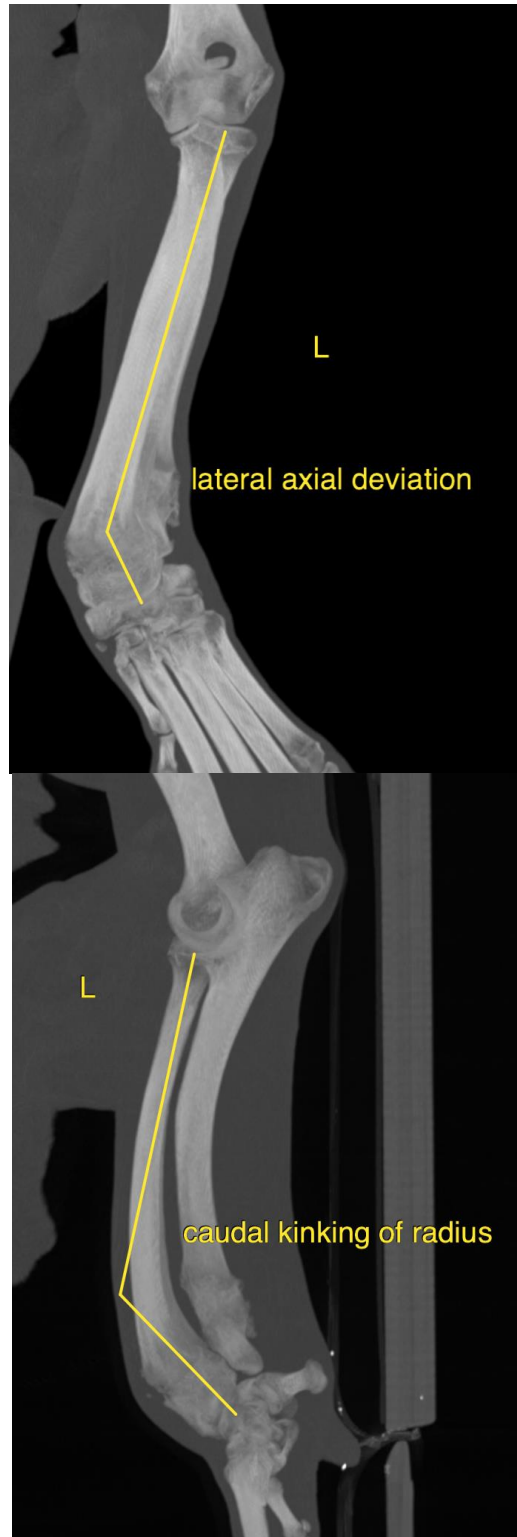
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Golden Retriever

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