



**PATIENT**

Jerry Joel

**PRESENTING CLINICAL SIGNS**

Severe angular limb deformity of thoracic limbs, with the right thoracic limb most affected - marked carpal valgus deviation with thickened bilateral carpus/elbows. Lameness is intermittent and worse with exercise, noticed daily and worsening

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS**

Plain stud in bone and soft tissue windows available for review.

**BREED**

**COMPUTED TOMOGRAPHIC FINDINGS**

**Right Thoracic Limb**

Moderate angular limb deformity of the right forearm is noted with medial and cranial curvature of the radius and short ulna. The ulna of the right thoracic limb is 8mm shorter than the ulna in the left thoracic limb. The radial length is equal in both thoracic limbs.

**SEX**

M

Moderate distraction of the right humeroulnar joint space with narrowing of the proximal aspect of the humeroulnar joint space and widening of the distal aspect of the humeroulnar joint space is seen with flattening of the trochlear notch of the ulna. There is lateral and caudal luxation of the radial head.

**AGE**

1 Year, 3 Months

Severe deformity and fragmentation of the medial coronoid process are noted. A moderate amount of periarticular osteophytes is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

A moderate carpus valgus is seen in the right thoracic limb with 25 degrees medial angulation of the right antebrachiocarpal joint.

**Left Thoracic Limb**

Similar but milder changes are noted in the left thoracic limb with mild distraction of the left humeroulnar joint and lateral subluxation of the radial head.

**HOSPITAL NAME**

Animal Health  
Partners

Deformity of the medial coronoid process and flattening of the trochlear notch of the ulna are seen.

**REFERRING VET**

Dr. Debbie Reynolds

Mild carpus valgus deformity with 15 degrees medial angulation of the antebrachiocarpal joint is noted in the left thoracic limb.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**INVOICE**

57809

- Moderate angular limb deformity of the right thoracic limb with cubital distraction and lateral as well as caudal luxation of the radius, deformity and fragmentation of the medial coronoid process of the ulna, and moderate carpus valgus.
- Mild thoracic limb angular limb deformity with mild cubital distraction, medial coronoid deformity, subluxation of the radial head, and mild carpus valgus.

**DATE**

4-14-23

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals bilateral angular limb deformity of the thoracic limbs which is more



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pronounced in the right thoracic limb and associated with severe incongruity of the right elbow joint with lateral and caudal luxation of the radial head and deformity and fragmentation of the medial coronoid process. Moderate carpus valgus is noted in the right thoracic limb concurrently.

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Similar but milder changes are present in the left thoracic limb. Clinical significance of the milder changes in the left thoracic limb is uncertain and clinical correlation is required.

**BREED**

Black Russian Terrier

**SEX**

M

**AGE**

1 Year, 3 Months

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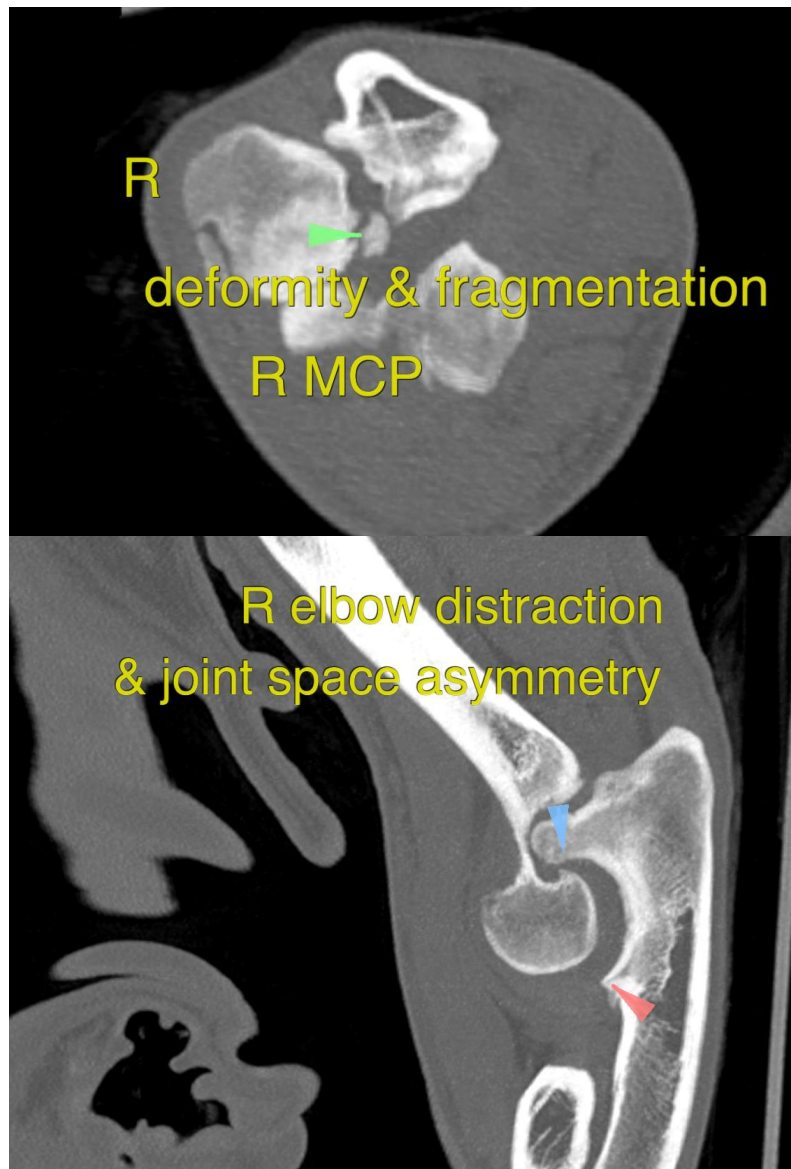
Dr. Debbie Reynolds

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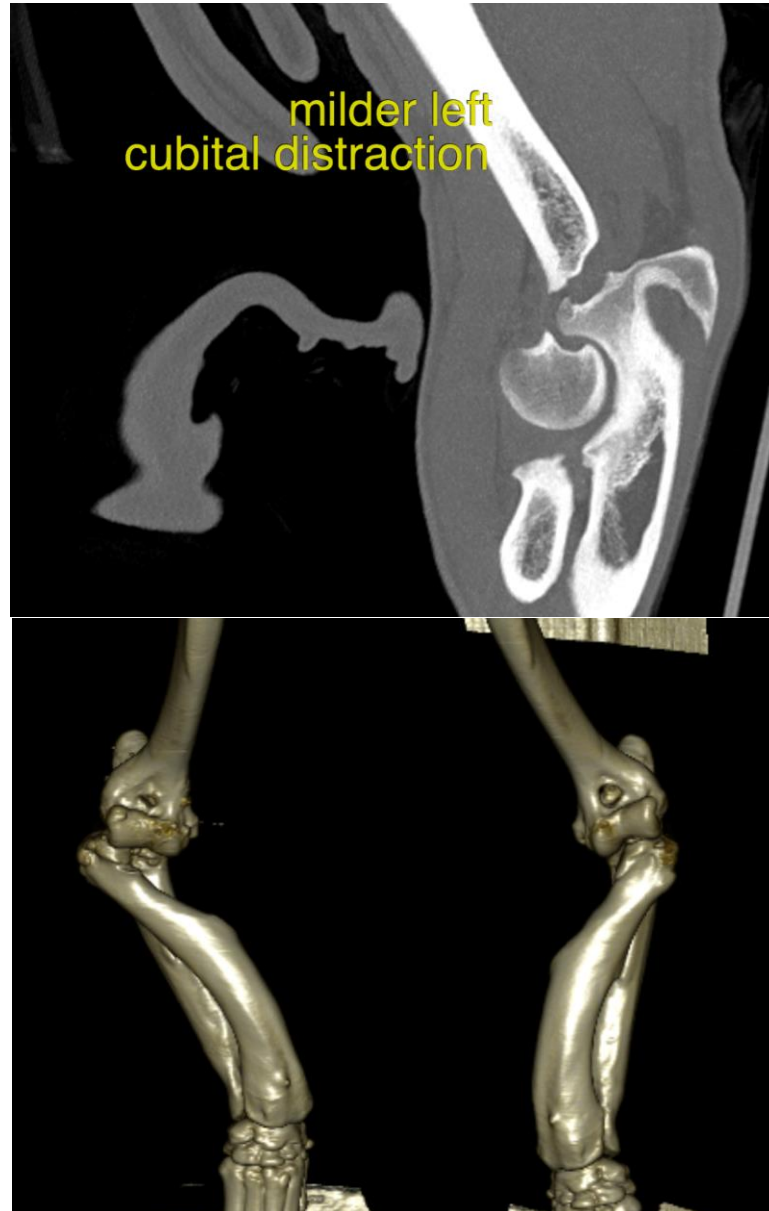
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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