

### Diagnostic Imaging

Veterinary CT, Ultrasound & Teletology Services  
veterinarian referral only

## PATIENT PRESENTING CLINICAL SIGNS

Casnova Squeri

Right Elbow - Joint Incongruity: Increased humeroradial joint space (step-defect) consistent with Elbow Dysplasia secondary to Short Radius Syndrome. Owner reports mild, intermittent progressive right front limb lameness, primarily noticed at a walk. Unknown acute trauma. Previously diagnosed with elbow dysplasia. Gait: Grade 1+/5 lameness on the right thoracic limb at a walk. Palpation: Mild effusion noted in the right elbow joint. No pain elicited on hyperextension and hyperflexion of the right elbow. Conformation: Subtle "bowing" or lateral deviation of the right antebrachium compared to the left. Radiographs (Right Elbow/Antebrachium): Findings: Significant shortening of the radius relative to the ulna. Partial/complete closure of the distal radial physal. Joint Incongruity: Increased humeroradial joint space (step-defect) consistent with Elbow Dysplasia secondary to Short Radius Syndrome. Contralateral Radiographs: left elbow/antebrachium to compare bone lengths and physal status - WNL. Assessment Right Elbow Dysplasia: Secondary to premature radial physal closure. Short Radius Syndrome: Leading to humeroradial incongruity. Prognosis: Guarded for long-term joint health without surgical intervention due to the patient's remaining growth potential. No current medications

### SPECIES

Canine

### BREED

Cocker Spaniel Mix

### SEX

Male Neutered

## COMPUTED TOMOGRAPHIC STUDY OF THE THORACIC LIMBS – ELBOW JOINTS

### AGE

7M

Pre- and post-contrast computed tomographic examination of the elbow joints. Two series were acquired, consisting of transverse images reconstructed using bone and soft tissue algorithms. Based on the patient's clinical history, the lateral markers on the CT examination are inverted\*.

## COMPUTED TOMOGRAPHIC FINDINGS

### INTERPRETED BY

## RIGHT\* ELBOW JOINT

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

On dorsal and sagittal reformatted images, there is increased humeroradial joint space, characterized by a step-defect, consistent with joint incongruity.

The trochlear notch appears shallow when compared with the contralateral limb.

### HOSPITAL NAME

Lehigh Regional  
Veterinary Surgical  
Specialty

The medial coronoid process is heterogeneous and hypoattenuating, with multiple fragmented components. Three fragments are identified: One measuring approximately 3.2 × 2.2 mm, one thin fragment measuring approximately 3.2 mm in length, and one fragment measuring approximately 2.2 × 1.3 mm. Mild periarticular osteophyte formation is also present.

There is mild irregularity of the radial incisure, associated with a subchondral cyst-like lesion.

### REFERRING VET

The radial physal line is narrowed compared to the contralateral limb.

Dr. Pete Baia

The humeral condyles are unremarkable.

Mild joint effusion.

### INVOICE

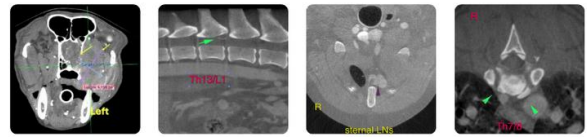
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## LEFT ELBOW JOINT

On dorsal and sagittal reformatted images, the humeroulnar and humeroradial joints are congruent, with no evidence of joint incongruity.

### DATE

12-30-25



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**PATIENT** The medial coronoid process appears normal.

Casunova Squeri The anconeal process and trochlear notch are unremarkable.  
The humeral condyles are normal.

**SPECIES** **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Canine
- Right elbow joint incongruity consistent with elbow dysplasia, characterized by humeroradial joint incongruity (step defect), fragmentation of the medial coronoid process, early periarticular osteoarthritis, and suspected premature closure of the proximal radial physis. Mild joint effusion.

**BREED**

- Cocker Spaniel Mix
- Left elbow joint within normal tomographic limits.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX** The right elbow CT findings are consistent with elbow dysplasia, characterized by humeroradial joint incongruity, fragmentation of the medial coronoid process, and early osteoarthritis, likely secondary to a developmental growth disturbance with suspected premature radial physal closure.

Male Neutered

**AGE** The presence of medial coronoid process fragmentation as a concurrent lesion may warrant consideration of a more invasive treatment approach, pending orthopedic evaluation.

7M

**TECHNICAL COMMENTS**

\*Based on the patient's history, the lateral markers on the CT examination are inverted.

**INTERPRETED BY**

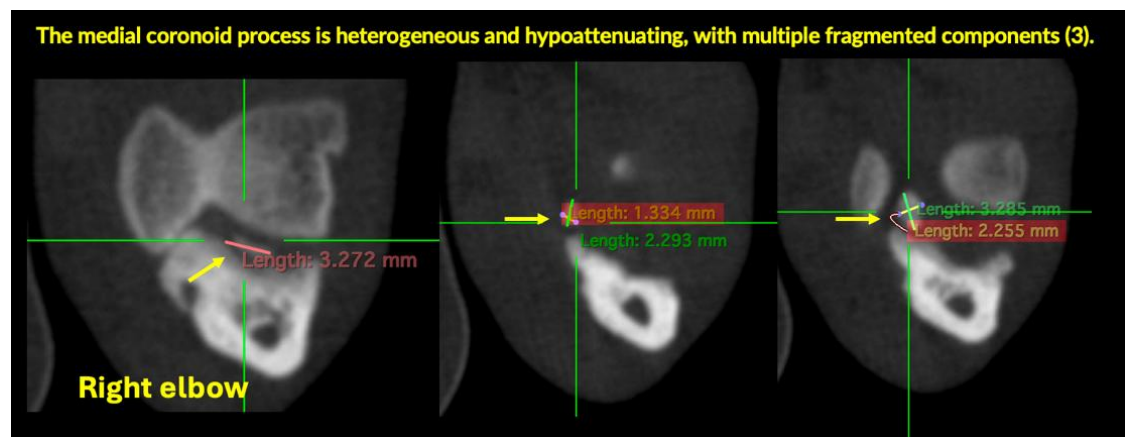
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**REFERRING VET**

Dr. Pete Baia

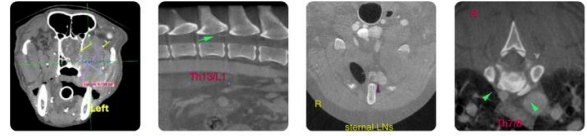


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SonoPath.com | info@sonopath.com | 1 (800) 838-4268  
141 Main St, Andover, NJ 07821

**PATIENT**

Casunova Squeri

**SPECIES**

Canine

**BREED**

Cocker Spaniel Mix

**SEX**

Male Neutered

**AGE**

7M

**INTERPRETED BY**

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**REFERRING VET**

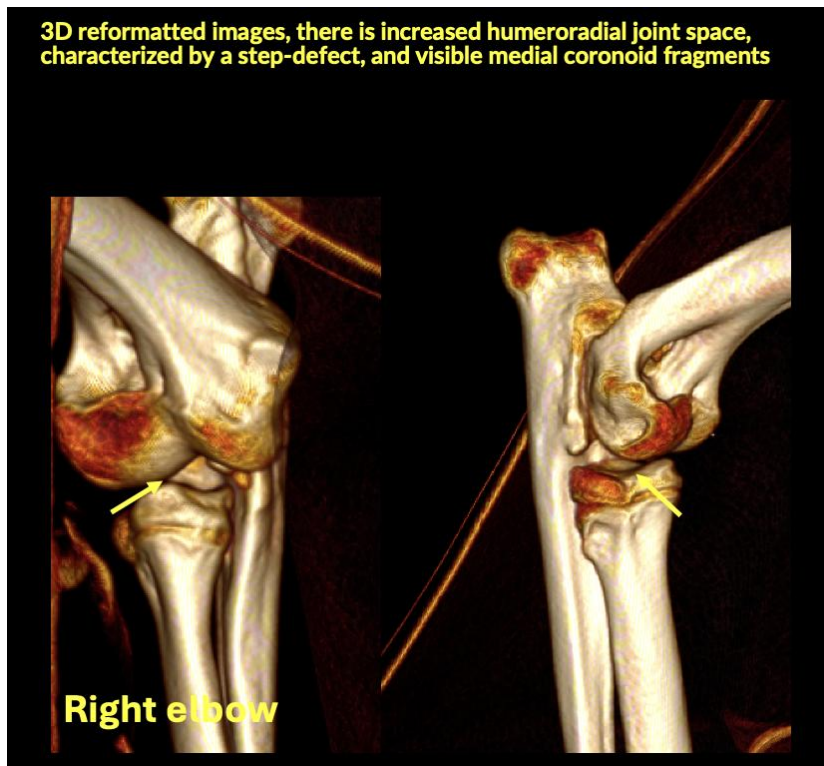
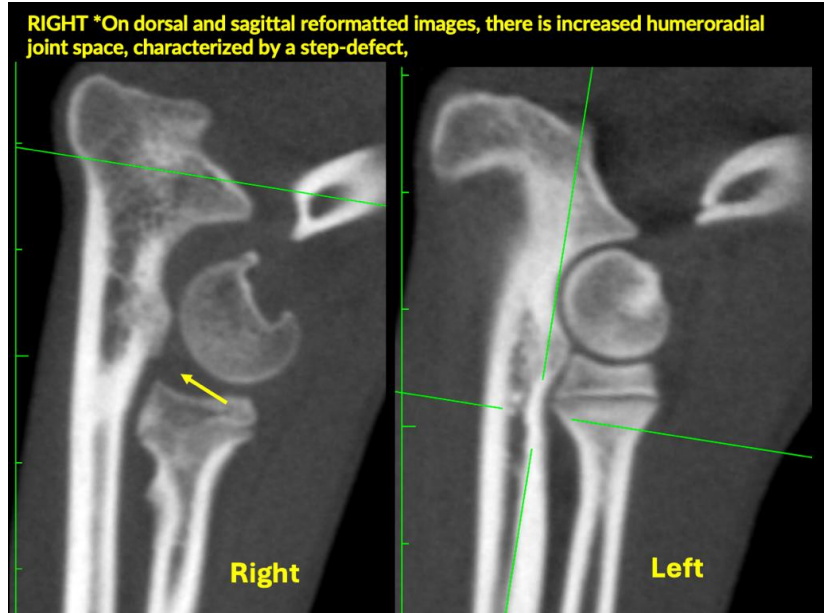
Dr. Pete Baia

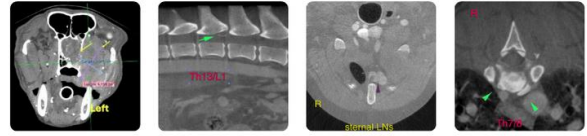
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**PATIENT**

Casunova Squeri

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.

**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.

**Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet**  
[info@sonopath.com](mailto:info@sonopath.com)

**BREED**

Cocker Spaniel Mix

**SEX**

Male Neutered

**AGE**

7M

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