

### Diagnostic Imaging

Veterinary CT, Ultrasound & Telecytology Services  
veterinarian referral only

## PATIENT PRESENTING CLINICAL SIGNS

**Patient:** Bear Quinlan  
**Presenting Clinical Signs:** Front right leg lameness not responding to anti-inflammatories or pain medication with a duration of 4 weeks.  
**Species:** Intermittent front right leg lameness for approximately two weeks  
 Short trial of carprofen 75 mg BID with slight improvement but not complete resolution  
 Lameness improved when off NSAIDs but worsened extensively over the last two days  
**Canine:** Current Medications: Gabapentin 300mg BID and Carprofen 75mg BID

## COMPUTED TOMOGRAPHY OF THE THORAX AND FRONT LIMBS

**Breed:** A high resolution pre- and post-contrast CT study of the thorax and front limbs is provided for review.

## English Shepherd COMPUTED TOMOGRAPHIC FINDINGS

### Thorax

**Sex:** The bony and surrounding soft tissue structures are within normal limits.

**Male Neutered:** The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

**Age:** The cardiovascular structures including the pulmonary vasculature are within normal limits.

**8Y:** The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

**Interpreted by:** The lung parenchyma presents the expected architecture and attenuation behavior, but zones with dystelectasis of the ventral dependent aspects of the lung.

**Sebastian Schaub, DVM**  
 Dr. med. vet.  
 DipECVDI  
 Small incidental gas pockets are seen within the esophageal lumen; there is no evidence of abnormal dilation.

### Front limbs

**Hospital Name:** The periarticular bones of both shoulder joints present moderate osteophyte new bone formation. Moderate exostosis formation is seen in the distal aspect of the bicipital groove bilaterally. Post contrast administration, the joint capsule of the left shoulder joint is moderately thickened, and the left shoulder joint presents a moderate intracapsular soft tissue swelling. The surrounding soft tissue structures of the right shoulder joint reveal no abnormalities.

**Referring Vet:** Both elbow joints have smooth margins of the periarticular bones. The medial coronoid process of both elbow joints is well defined and has a homogeneous density. At the mediocranial aspect of the head of the right radius, a fusiform shaped, well-defined mineralization is seen. The surrounding soft tissue structures of the elbow joints are unremarkable.

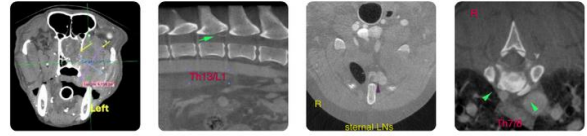
Dr. Livia DeMeo

**Invoice:** The osseous and surrounding soft tissue structures of the antebrachium, carpus and front paw bilaterally reveal no abnormalities.

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## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Date:** 5-21-26
- Moderate osteoarthritis shoulder joints
  - Exostosis formation bicipital groove humerus bilaterally
  - Synovitis and joint effusion left shoulder joint



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- PATIENT**
- Isolated mineralized craniomedial aspect head of the right radius
  - Normal thorax

Bear Quinlan

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES** The degenerative joint disease of both shoulder joints along with the exostosis formation can be indicative for underlying pathology of the bicipital tendon – an ultrasound examination can be used as advanced imaging modality.

Canine

**BREED**

The mineralized body at the craniomedial aspect of the head of the right radius can present metaplasia of the joint capsule as the medial coronoid process of the respective elbow joint reveals without additional abnormalities that would support the diagnosis of elbow dysplasia. However, check clinically if pain can be elicited by pressure on the medial compartment of the elbow joint.

English Shepherd

**SEX**

Male Neutered

**AGE**

8Y

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet.  
DipECVDI

**HOSPITAL NAME**

Shohola Veterinary  
Hospital

**REFERRING VET**

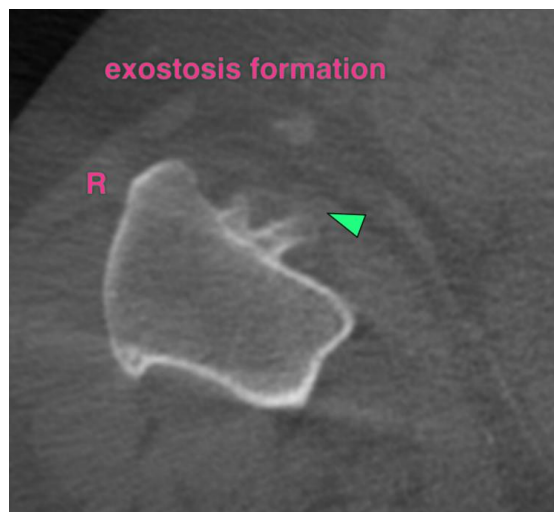
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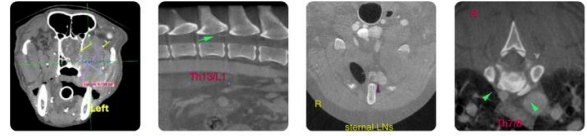
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5-21-26





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141 Main St, Andover, NJ 07821

**PATIENT**

Bear Quinlan

**SPECIES**

Canine

**BREED**

English Shepherd

**SEX**

Male Neutered

**AGE**

8Y

**INTERPRETED BY**

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DipECVDI

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
[info@sonopath.com](mailto:info@sonopath.com)

**HOSPITAL NAME**

Shohola Veterinary  
Hospital

**REFERRING VET**

Dr. Livia DeMeo

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**DATE**

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