



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Oscar Rugbeer  
**SPECIES** History: A few weeks ago, Oscar had a large abscess on the palmar metacarpal area of his RF paw. It became smaller with treatment, but there is still a thick firm area there. Referring vet performed a FNA of this lump and may have seen pigmented cells. We are looking for an underlying cause for this thickened area (cancer vs. foreign body) and met check (thoracic CT) to be thorough in case the mass is cancerous.

Canine  
 Abnormal PE/Chem/CBC/UA Results: Lab work not performed recently.

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE RIGHT FRONT LIMB & THORAX**

**BREED** Border Collie Mix  
 A high resolution pre- and post-contrast CT study of the right front limb/paw and a plain CT study of the thorax are provided for review.

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Neutered Male  
**Thorax**

**AGE** The bony and surrounding soft tissue structures are within normal limits. Both shoulder joints present smooth osseous margins and the surrounding soft tissue structures are within normal limits.

5 Years  
 The right axillary lymph node is mildly prominent in comparison to the contralateral axillary lymph node.

**INTERPRETED BY**

Sebastian Schaub, DVM Dr. med. vet. DipECVDI  
 The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.  
 The cardiovascular structures including the pulmonary vasculature are within normal limits.

**HOSPITAL NAME**

Animal Health Care Denver  
 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.  
 The lung parenchyma presents the expected architecture and attenuation behavior.

**REFERRING VET**

Cathryn Sayer  
 Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

**Right Front Limb**

**INVOICE**

20706  
 The periarticular bones of the right elbow joint present smooth osseous margins, the medial coronoid process of the right elbow joint is well defined and has a homogeneous density. No abnormalities of the soft tissues surrounding the right elbow joint are appreciated.

The osseous and soft tissue structures along the antebrachium and the carpal joint are unremarkable.

**DATE**

1/20/23



**PATIENT**

Oscar Rugbeer

The osseous structures of the right front paw are unremarkable. In the subcutaneous tissue at the lateropalmar aspect of the fourth/fifth metacarpal joint a post contrast mild heterogeneous contrast enhancing, ill-defined region is seen.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**SPECIES**

Canine

- Subcutaneous mild swelling with a heterogeneous contrast enhancement pattern palmar aspect IV.&V. metacarpal bone
- Mild lymphadenopathy right axillary lymph node
- Normal thorax

**BREED**

Border Collie Mix

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is fitting the history of a focal subcutaneous swelling, an underlying cause cannot be specific by CT, but I would consider the odds for an inflammatory origin higher than for neoplastic infiltration. Ultrasound can be used to screen for isoattenuating foreign material not appreciated by CT. Depending on the development of clinical signs under therapy, biopsy might be used as advanced diagnostic tool.

**SEX**

Neutered Male

**AGE**

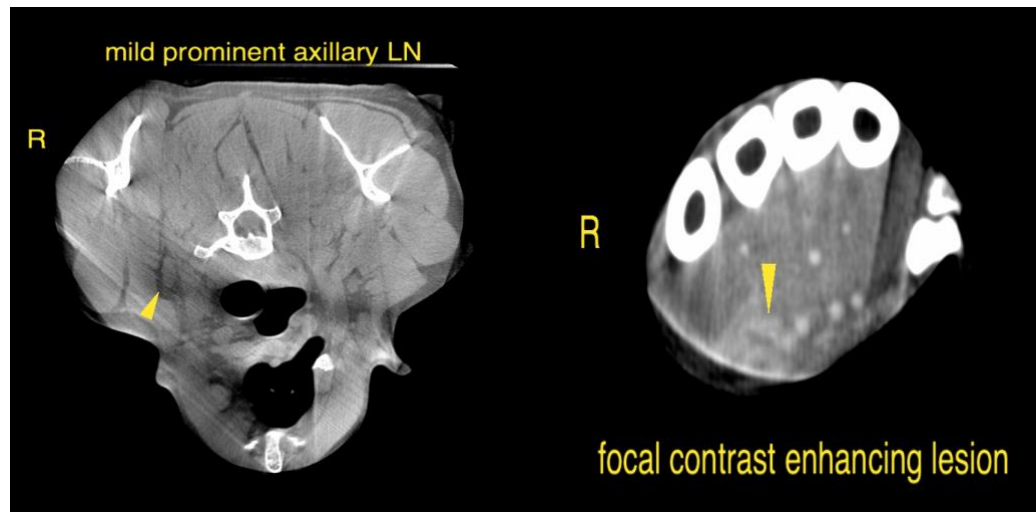
5 Years

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**HOSPITAL NAME**

Animal Health Care  
Denver



**REFERRING VET**

Cathryn Sayer

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20706

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**PATIENT**

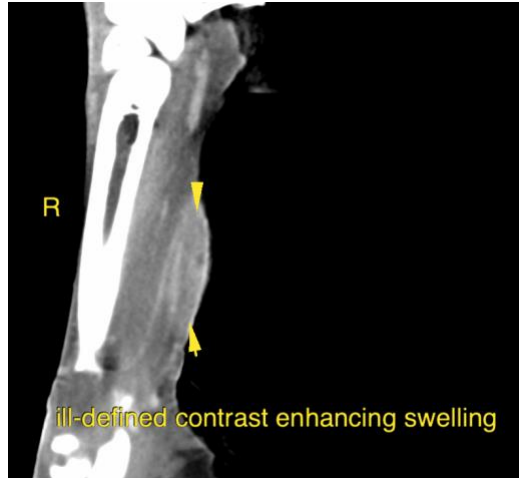
Oscar Rugbeer

**SPECIES**

Canine

**BREED**

Border Collie Mix



**SEX**

Neutered Male

**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.**

**AGE**

5 Years

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.

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