



**PATIENT PRESENTING CLINICAL SIGNS**

Rudy Barkey P had a lump on the left axial area of the thorax. Biopsy is reported to be high grade soft tissue sarcoma. O wants to pursue surgery. Need to make sure it has not spread and where the margins are in order to pursue surgery.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: ALT mildly elevated at 178.

Canine **COMPUTED TOMOGRAPHY OF THE NECK & THORAX**

A high resolution pre- and post-contrast CT study of the neck and thorax are provided for review.

**BREED COMPUTED TOMOGRAPHIC FINDINGS**

Flat coated Retriever Neck

In the subcutaneous tissue at the left cranial aspect of the shoulder joint, an ovoid shaped, uniform soft tissue attenuating and contrast enhancing mass is appreciated, protruding beyond the cutaneous surface. The subcutaneous mass is measuring 3.1 x 2.0 x 2.4 cm.

**SEX**

MN The remainder of the osseous and soft tissue structures of the neck are within normal limits.

Thorax

**AGE**

Multifocal mild spondylosis formation is seen along the thoracic spine.

10 Years

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.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

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.

**HOSPITAL NAME**

The lung parenchyma presents the expected architecture and attenuation behavior, but zones with dystelectasis of the cranioventral aspects of the lung.

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

Mountain West  
Veterinary Specialists

**REFERRING VET**

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

Dr. Jeff Simmons

- History of subcutaneous soft tissue sarcoma cranial aspect left shoulder joint
- Spondylosis deformans thoracic spine
- No evidence of pulmonary metastatic disease

**INVOICE**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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Complete surgical excision of the subcutaneous mass is considered feasible.

The CT study is negative for metastatic disease.

**DATE**

8-21-23



**PATIENT**

Rudy Barkey

**SPECIES**

Canine

**BREED**

Flat coated Retriever

**SEX**

MN

**AGE**

10 Years

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**REFERRING VET**

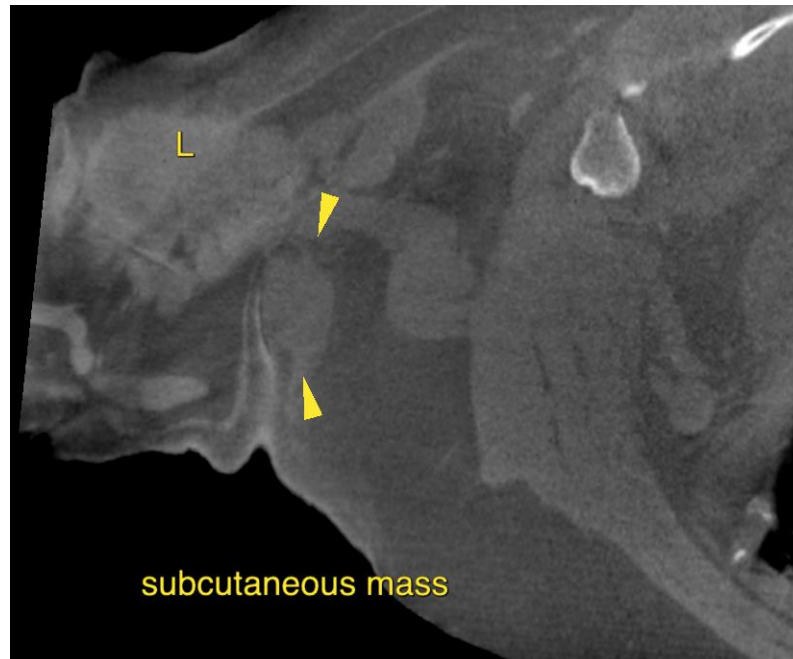
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**PATIENT** The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Rudy Barkey

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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**BREED**

Flat coated Retriever

**SEX**

MN

**AGE**

10 Years

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