



PATIENT

Ruca Stanton

PRESENTING CLINICAL SIGNS

Right axillary mass effect involving scapula Right prescapular Lymphadenopathy

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SHOULDER REGION & THORAX

Plain and post contrast studies of the shoulder region and thorax available for review.

BREED

Bully Mixed Breed

COMPUTED TOMOGRAPHIC FINDINGS

Shoulder Region

An ill-defined soft tissue attenuating ovoid mass of approximately 9.0 cm height and 6.0 cm diameter is seen in the right axilla. The mass blends into the brachial plexus area as well as into the pectoralis muscle. Lesion margins are ill-defined. Strong post-contrast heterogeneity is seen.

SEX

Female

Two axillary lymph nodes are enlarged at 3.0 and 2.0 cm and rounded. The right prescapular lymph node is rounded and enlarged at 3.0 cm as well.

AGE

5 Years

Early cortical bone lysis appears to be present in the medial and proximal aspect of the right humerus. No evidence of spinal or mediastinal extension is seen.

The sternal and mediastinal lymph nodes present within normal limits.

Small mineralizations are seen in the supraspinatus tendon close to the greater humeral tubercle. Moderate exostosis of the intertubercular groove of the biceps tendon is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

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 are uniform and considered within normal limits.

HOSPITAL NAME

Animal Surgical
Center

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.

REFERRING VET

Dr. T Infernuso

The lung parenchyma presents the expected architecture and attenuation behavior.

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

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large soft tissue mass with aggressive biological behavior and early aggressive bone lysis in the medial aspect of the right proximal humerus in the right axilla.
- Multiple regional lymphadenomegaly meeting neoplastic criteria.
- No evidence of pulmonary metastatic disease.
- No evidence of mediastinal lymphadenomegaly.

DATE

10-1-21



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- Right mineralizing supraspinatus tendinopathy and chronic biceps tenosynovitis.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

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The CT findings are highly suggestive for malignant soft tissue neoplasia in the right axillary region with metastatic disease of the regional lymph nodes. Mesenchymal neoplasia such as hemangiosarcoma, rhabdomyosarcoma, fibrosarcoma, or round cell neoplasia such as lymphosarcoma are the main differential diagnoses. Final diagnosis will require sampling for histology.

BREED

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The lymph node changes are highly suggestive for metastatic disease/lymphomatous infiltrate. Consider fine needle aspiration for further definition if not performed already.

No evidence of intrathoracic or spinal extension was seen.

SEX

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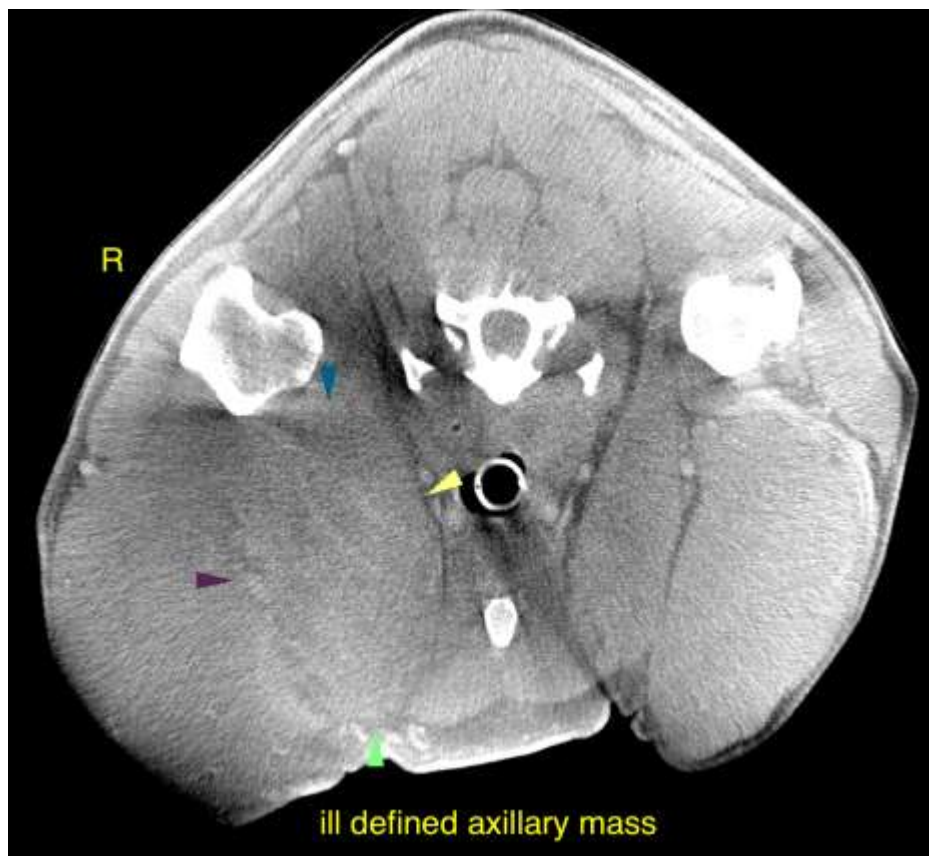
Dr. T Infernuso

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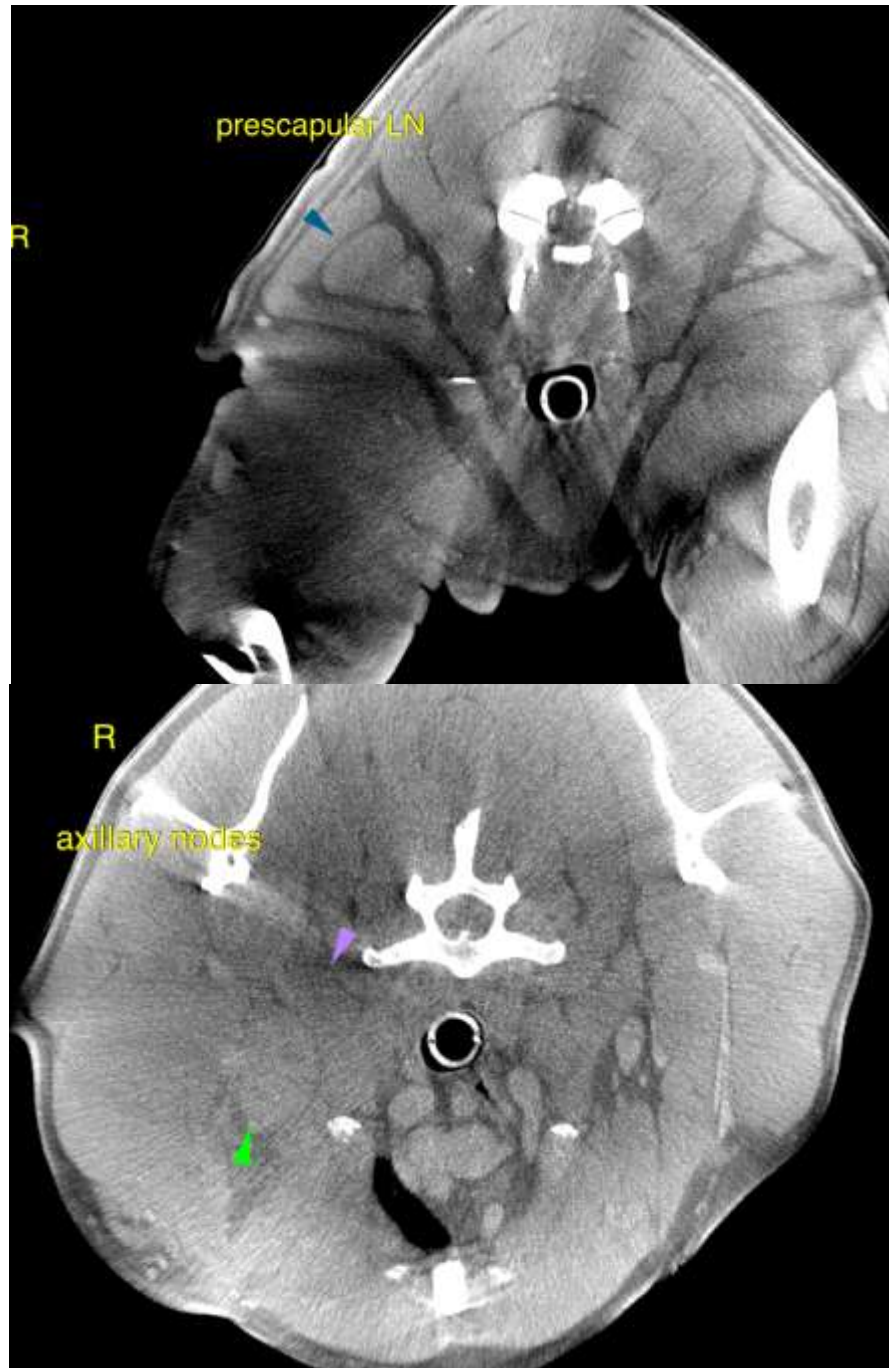
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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