


**PATIENT PRESENTING CLINICAL SIGNS**

Casper Vales hypercalcemia nodule noted on right side parathyroid 0.5x0.5 cm mass suspect from right parathyroid was palpated 1x1 cm mass on the dorsal lumbar region 1x1 cm mass on the right hock region 2x2 cm mass on the ventral thorax

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: 7/7/23- elevated calcium 13 elevated ionized calcium 1.59 elevated cholesterol 422 all other results WNL

**COMPUTED TOMOGRAPHIC STUDY OF THE NECK, THORAX & ABDOMEN**
**BREED**

Boxer

Post-contrast study available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**
**SEX**

Neutered Male

Thorax

An approximately 9 x 6 x 4 mm sized, large, lobulated soft tissue attenuating mass with low contrast enhancement is seen in the cranioventral mediastinum.

The sternal lymph nodes are moderately enlarged. The axillary lymph nodes are moderately enlarged as well in a bilaterally symmetric pattern.

**AGE**

8 Years

Mild generalized increase in attenuation of the pulmonary interstitium is seen with mild ventral accentuation.

The tracheobronchial lymph nodes present within normal limits.

**INTERPRETED BY**

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 DVM Dr. med. vet.,  
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No obvious evidence of cardiovascular pathology is seen.

Neck

The cervical lymph nodes are severely enlarged and rounded, measuring up to 4.0 cm in diameter. The medial retropharyngeal and submandibular lymph nodes are moderately enlarged on both sides as well.

**HOSPITAL NAME**

Animal Surgical  
 Center

Mild heterogeneity of the left thyroid lobe with 3.5 mm diameter of the left cranial parathyroid gland is seen. The right thyroid lobe and parathyroid glands present within normal limits.

Abdomen

Moderate generalized enlargement of the spleen and mild generalized enlargement of the liver are noted.

**REFERRING VET**

Bellmore VH

The medial iliac lymph nodes are moderately enlarged.

A dermal nodule is seen dorsal to the lumbar spine measuring 10 x 5 mm.

**INVOICE**

44530

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Large cranioventral mediastinal soft tissue mass meeting neoplastic criteria
- Multicentric moderate to severe lymphadenomegaly involving the cervical, axillary, retropharyngeal, submandibular, and medial iliac lymph nodes.
- Hepatosplenomegaly
- Left cranial parathyroid gland enlargement – differential diagnosis of artifact.

**DATE**

8/7/23


**PATIENT INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**Casper Vales** The CT study reveals a large cranioventral mediastinal soft tissue mass. Cranial mediastinal lymph node or thymic lymphoma are primary differential diagnoses. Final diagnosis will require sampling. Ultrasound guided fine needle aspiration or biopsy could be considered for further definition.

**SPECIES** Thymoma and other mediastinal soft tissue neoplasia are highly unlikely as potential differential diagnoses, especially in the context of the multicentric moderate to severe lymphadenomegaly involving the cervical, axillary, retropharyngeal, submandibular, and medial iliac lymph nodes. A lymphomatous infiltrate is considered a primary differential diagnosis here as well, and further definition by means of fine needle aspiration is recommended if not already performed.

**BREED** The hepatosplenic enlargement may be incidental and represent vacuolar hepatopathy, splenic congestion, or extramedullary hematopoiesis. However, a round cell infiltrate should be ruled out by means of ultrasound guided fine needle aspiration or biopsy.

**Boxer**

**SEX**

Neutered Male

**AGE**

8 Years

**INTERPRETED BY**

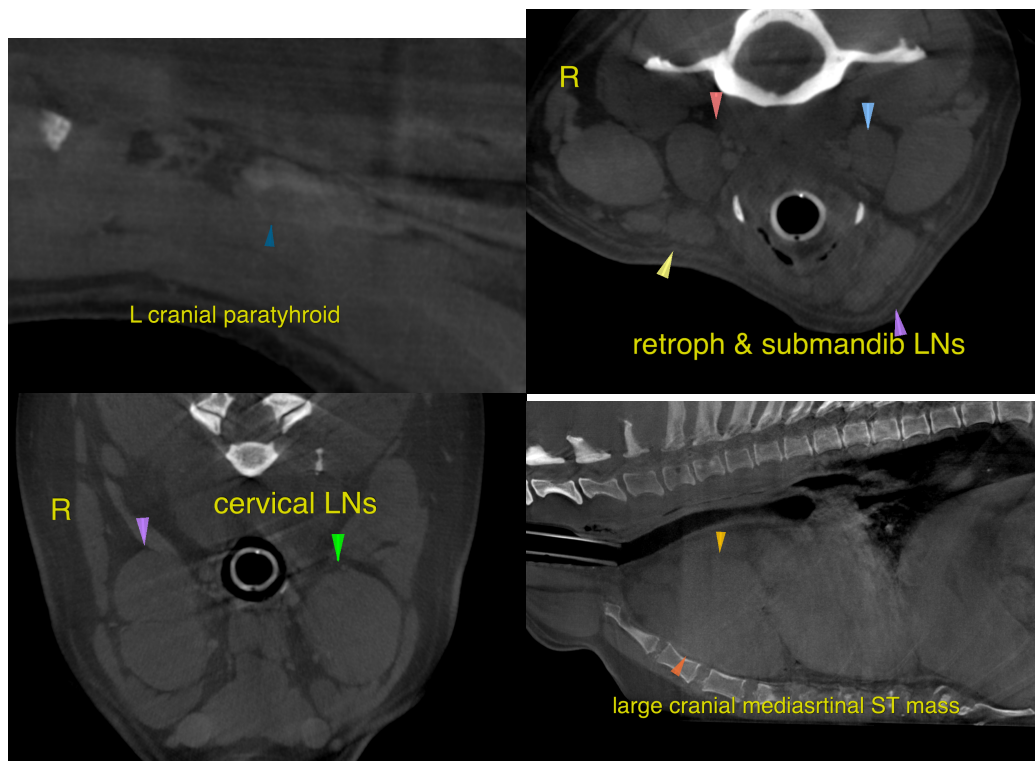
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 Center

**REFERRING VET**

Bellmore VH



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.

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**DATE**

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