



PATIENT PRESENTING CLINICAL SIGNS

Maverick Coastal Boxer Rescue Pet presented for CT Scan to further evaluate mass left ventral neck and Thoracic MET Check. Suspect thyroid tumor. Apparent consolidated lung tissue noted on survey RADs.

COMPUTED TOMOGRAPHY OF THE NECK & THORAX

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

Canine

COMPUTED TOMOGRAPHIC FINDINGS

BREED Neck

Boxer The medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

SEX Originating from the left thyroid gland, a well-defined, ovoid shaped, soft tissue attenuating mass, presenting mild central mineralization is visible. Post contrast administration, the left thyroid mass presents an irregular contrast enhancement pattern. The left thyroid mass is measuring 2.8 x 2.5 x 5.1 cm in size. Multiple small tortuous vessels are seen at the cranial & caudal pole of the left thyroid mass.

MN

AGE The right thyroid gland is within normal limits for size, shape and organ architecture.

9 Years The vertebral endplates C6/C7 present mild spondylosis formation.

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

INTERPRETED BY Thorax

Sebastian Schaub, DVM Dr. med. vet. DipECVDI Along the caudal segment of the thoracic spine, moderate spondylosis formation is noted.

HOSPITAL NAME The cranial mediastinal lymph nodes and the left tracheobronchial lymph node are moderately enlarged, rounded and uniform mild contrast enhancing.

Mobile Pet Imaging CFL The cardiovascular structures including the pulmonary vasculature are within normal limits.

REFERRING VET 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.

Borecky The cranioventral aspects of the lung parenchyma present moderate ground glass attenuating parenchyma with interstitial bands extending from the periphery into the lung parenchyma.

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

50688 Abdomen

DATE The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

3-3-22



PATIENT Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

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Boxer Rescue

The adrenal glands are within normal limits for size, shape and organ architecture.

SPECIES Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Canine The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

BREED The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

Boxer The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

SEX The bony and surrounding soft tissue structures reveal no abnormalities.

MN **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- AGE** 9 Years
- Left thyroid mass with dystrophic mineralization, no signs for vascular invasion
 - Lymphadenopathy cranial mediastinal & left tracheobronchial lymph nodes
 - Unstructured interstitial pattern cranioventral aspects of the lung – dystelectasis versus fibrosis versus pneumonitis.
 - Spondylosis deformans

INTERPRETED BY **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The left thyroid mass is compatible with primary thyroid neoplasia and carcinoma is the top differential. Complete surgical excision of the mass is feasible.

HOSPITAL NAME The enlarged cranial mediastinal lymph nodes and left tracheobronchial lymph node are concerning for metastatic spread versus second entity such as round cell tumor. Recommend ultrasound guided FNA sampling for further workup.

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REFERRING VET

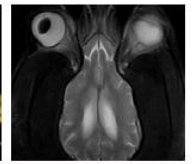
Borecky

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SPECIES

Canine

BREED

Boxer

SEX

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AGE

9 Years

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HOSPITAL NAME

Mobile Pet Imaging
CFL

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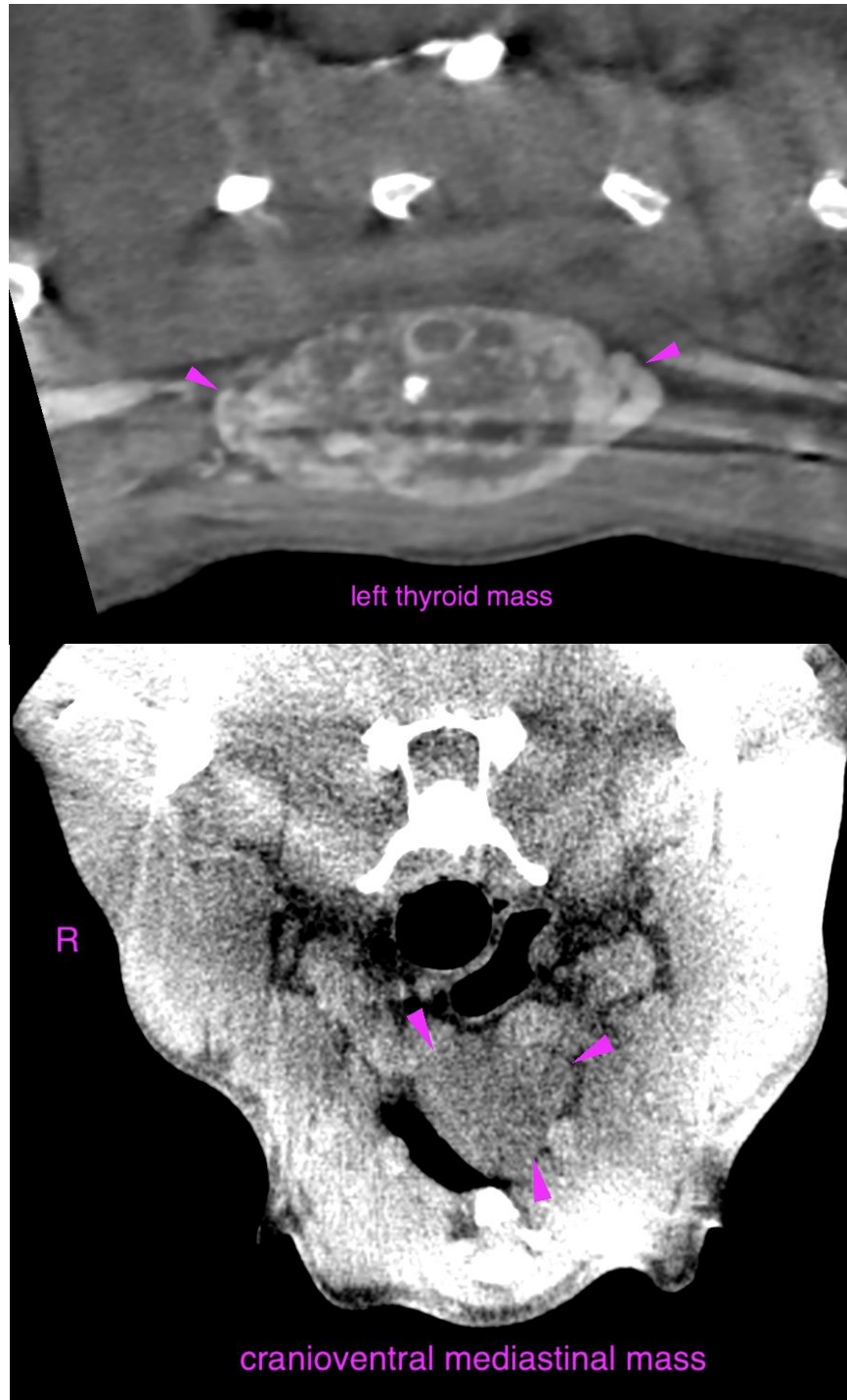
Borecky

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left thyroid mass

cranioventral mediastinal mass



PATIENT

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SPECIES

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Boxer

SEX

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9 Years

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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.

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