



PATIENT

Clyde Kinlen

PRESENTING CLINICAL SIGNS

Abnormal firm swelling in the ventral neck region. Firm, fixed soft tissue neck about 5 cm x 5 cm, more marked in the left side extending mid neck region, non painful, left jugular vibration felt when hand is placed over. incidental finding on physical exam while pt was getting annual, non clinical.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE NECK & THORAX

Plain and post contrast studies available for review.

BREED

Boxer

COMPUTED TOMOGRAPHIC FINDINGS

An approximately 12 x 7 cm sized ill-defined and irregular shaped mass is seen in the ventral neck. Most of the mass is to the left of the midline lateral and dorsal to the trachea and larynx. Mild right sided extension is noted. The thyroid gland cannot be delineated against the mass. The mass presents strong heterogeneous contrast enhancement, ill-defined margins, and multiple superficial vascular anastomoses and extends into the retropharyngeal area and ventral to the skull base. There is a mass effect onto the external auditory meatus as well as onto the larynx and trachea.

SEX

Neutered Male

AGE

11 Years, 5 Months

The left tympanic bulla is filled with fluid attenuating material. The left external auditory meatus is collapsed.

The regional retropharyngeal lymph nodes cannot be delineated against the mass.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is a 3.5 x 2.0 cm sized irregular shaped and ill-defined mass seen at the heart base to the left of the aortic arch. The mass presents heterogenous contrast enhancement.

The lung and bronchial tree present within age related normal limits.

HOSPITAL NAME

Aloha Pet & Bird
Hospital

An approximately 5.5 cm sized soft tissue attenuating ovoid mass with low nonuniform contrast enhancement is distorting and expanding the cranial pole of the right kidney.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Lopez

- Highly vascularized soft tissue mass with aggressive biological behavior in the ventral neck in the position of the thyroid gland with mass effect on the trachea and peri-laryngeal and retropharyngeal extension.
- Soft tissue mass at the heart base.
- Expansile soft tissue mass within the cranial pole of the right kidney.

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Primary differential diagnoses for the mass in the ventral neck include thyroid carcinoma, carotid body tumor, and hemangiopericytoma/hemangiosarcoma. Due to the concurrent appearance of the mass on the heart base and right kidney, hemangiosarcoma/hemangiopericytoma appears to be the most likely of these. However, the mass at the heart base and within the kidney may also represent separate entities or metastatic disease.

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11-15-22



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Final diagnosis would require sampling which could be considered for the mass in the neck and right kidney. It should however be noted that especially the mass in the neck is well vascularized and a coagulation panel should be run beforehand, and narrow post-procedure monitoring is advised.

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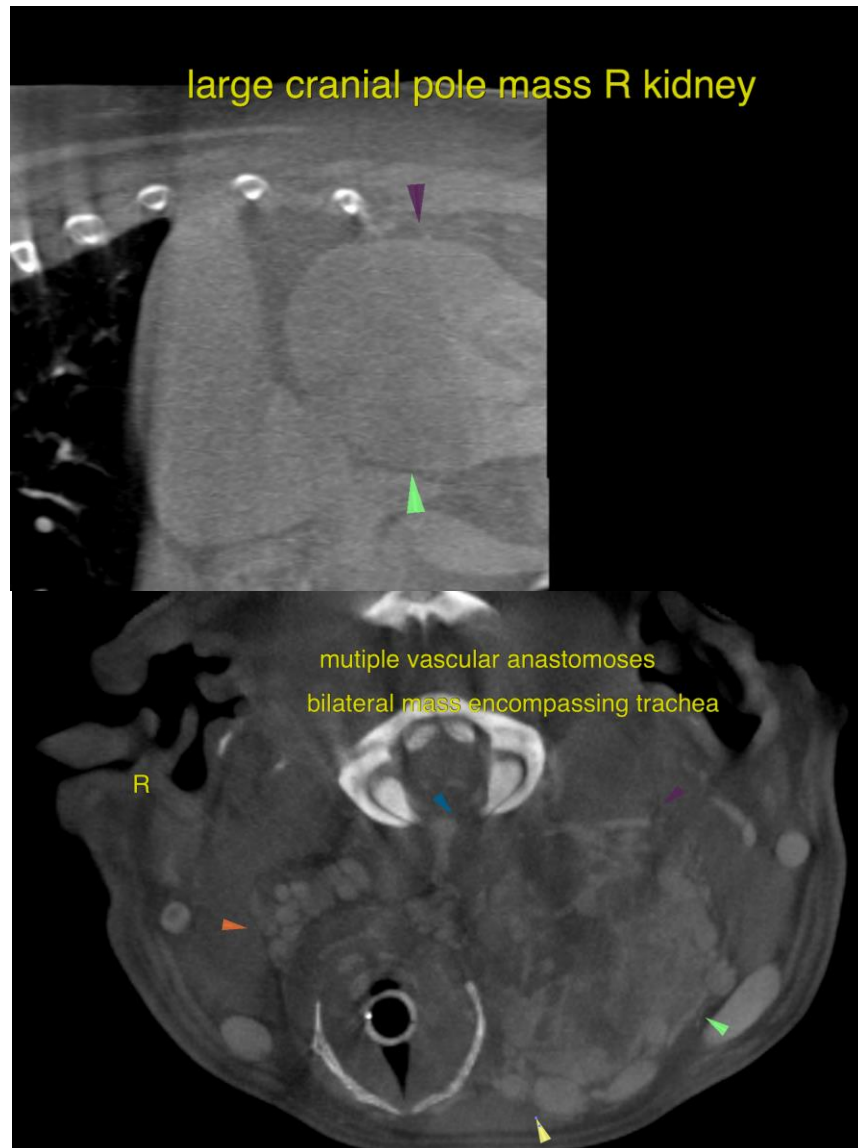
Lopez

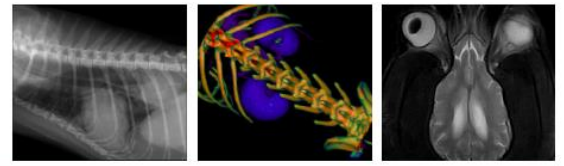
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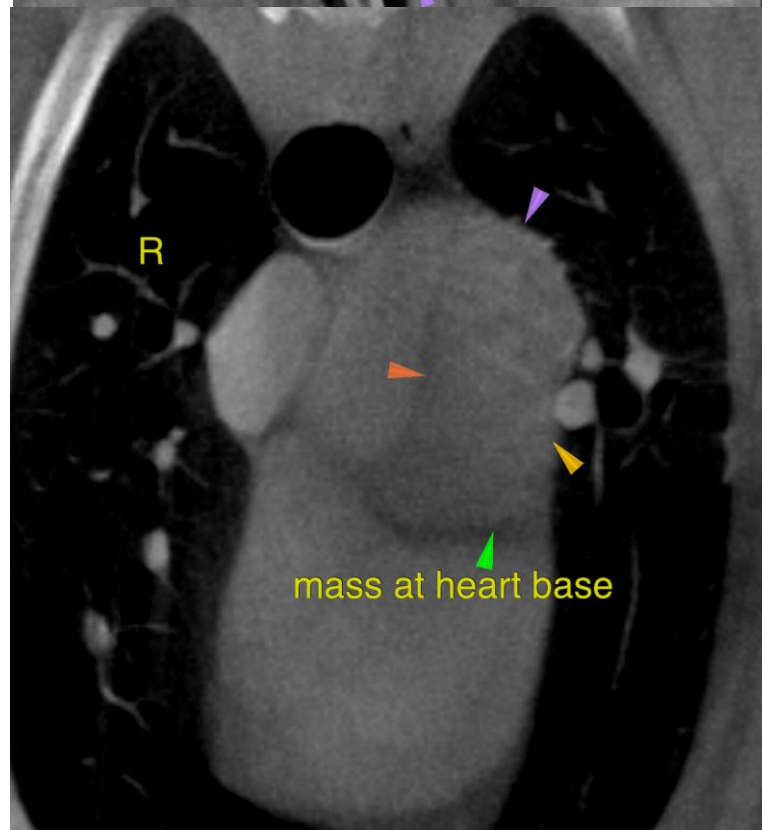
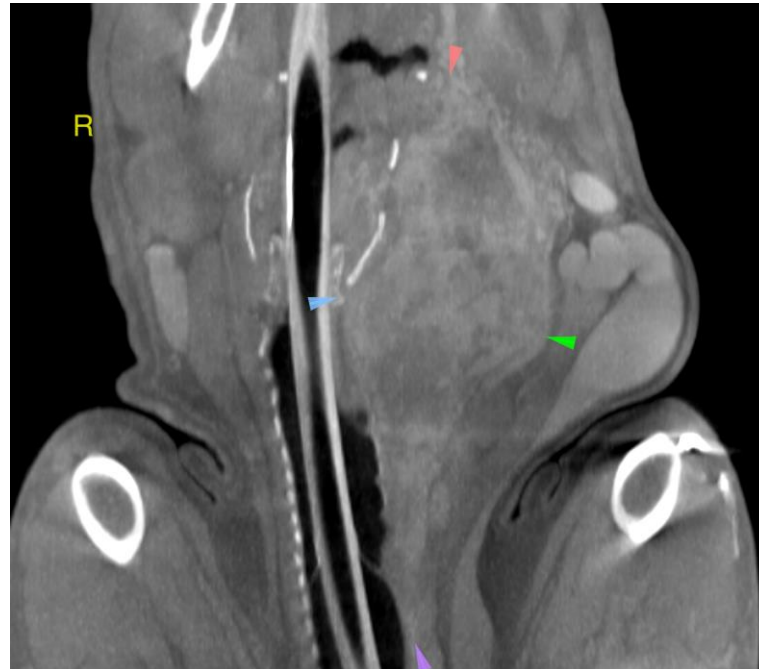
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

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