



PATIENT PRESENTING CLINICAL SIGNS

Chipper Horan mass cranial to right kidney, previous metastatic

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

Canine A pre- and post-contrast CT study of the thorax and abdomen are provided for review. A total of 4 series, thorax and abdomen pre-contrast, and delay contrast series are evaluated.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Thorax

Labrador The trachea and main bronchus are normal.

The pulmonary parenchyma is normal in attenuation. No pulmonary nodules are seen.

SEX

Neutered Male The pleural space and mediastinum are normal. No evidence of enlarged mediastinal lymph nodes.

The diaphragm and thoracic wall are normal.

AGE

10

The musculoskeletal structures are unremarkable.

Abdomen

INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

A large, rounded, soft tissue opaque mass is seen in the mid-cranial ventral border of the right kidney spanning the retroperitoneal space, mainly in the right side, measuring 4.9cm x4.1cm x 6.0cm. The mass border effaces with the pre-hepatic caudal vena cava. Also, clear wall margins of the caudal vena cava in this portion are not visible.

The renal silhouettes are normal in size, shape, contour, and attenuation. The renal length is 7.9cm in the right kidney and 7.4cm in the left kidney. The ureters are normal.

HOSPITAL NAME

Aloha Pet & Bird Hospital

The spleen is diffusely enlarged, homogeneously soft tissue attenuating, with normal shape and contour.

The adrenal glands are not visible.

REFERRING VET

Dr. J. Pepen

No mass effect is seen in the hepatic silhouette.

The stomach contains a small amount of gas and heterogeneous soft tissue attenuating ingesta material.

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The small intestines are non-dilated and contain a minimal amount of fluid attenuating material and gas.

The colon contains gas admixed with heterogeneously soft tissue attenuating fecal material.

DATE

2-21-23

No evidence of abnormal abdominal lymph nodes.



PATIENT **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Chipper Horan

- Normal thorax
- No evidence of pulmonary metastatic disease.
- No evidence of enlarged mediastinal lymph nodes.

SPECIES

Canine

- Large retroperitoneal rounded abdominal mass, R>L. Differential diagnosis for origin includes adrenal mass, enlarged aortic lymph node, undetermined retroperitoneal mass, such as hemangiosarcoma or another sarcoma.
- Splenomegaly, differential diagnosis includes lymphoid hyperplasia, hematopoiesis, metastatic disease, or correlated to anesthesia procedure.

BREED

Labrador

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of pulmonary metastatic disease or enlarged mediastinal lymph nodes. The retroperitoneal mass is mainly within the right side, as previously reported. Considered possibilities of origin of the mass include the right adrenal gland, enlarged aortic lymph nodes, or other undetermined retroperitoneal mass. The kidneys are not involved in the mass. The mass is contiguous to the adjacent abdominal caudal vena cava, and possible adherence cannot be excluded. A biopsy is required for a definitive diagnosis.

SEX

Neutered Male

Technical Comments:

Motion and noise artifacts are seen in all available series, and low-dose contrast media leakage was noted within the collimated abdominal series. It can cause interference in the detailed analysis and tomographic interpretation.

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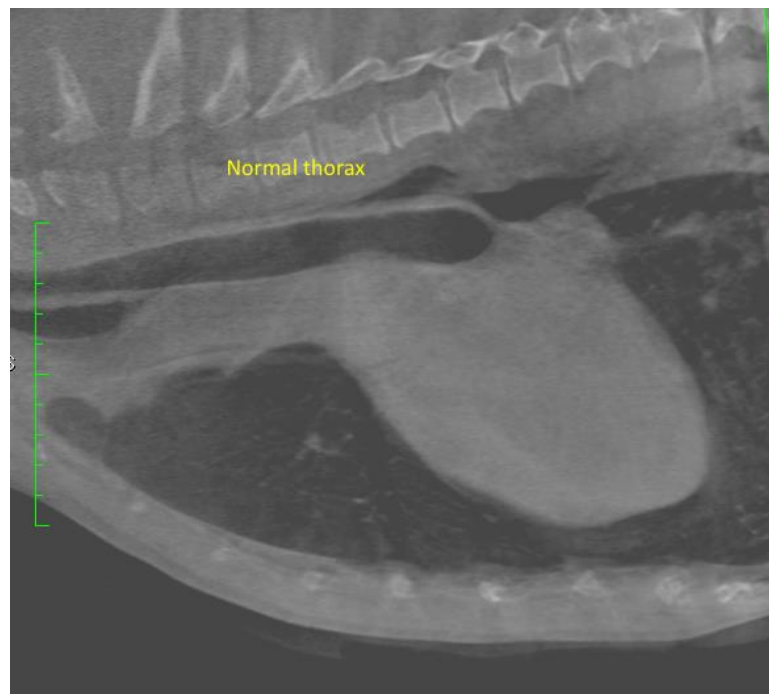
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PATIENT

Chipper Horan

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.

SPECIES

Canine

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.

BREED

Labrador

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SEX

Neutered Male

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