



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Jack Bentley **PRESENTING CLINICAL SIGNS** History: Presented to ER 1 week ago for blood in urine. An A-FAST was performed and a splenic mass was seen. He was prescribed Clavamox and hematuria resolved. Today he is here for met check prior to splenectomy.

SPECIES Canine **Abnormal PE/Chem/CBC/UA Results:** Mild anemia, mildly increased AST and ALP (but not ALT), increased amylase and lipase.

BREED COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

BREED Lab Retriever Mix **COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN** A high resolution pre- and post-contrast CT study of the abdomen and a plain CT study of the thorax are provided for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX Neutered Male **Thorax**

The bony and surrounding soft tissue structures are within normal limits.

AGE 10 Years **AGE** The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

INTERPRETED BY 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.

The lung parenchyma presents the expected architecture and attenuation behavior with randomly distributed interspersed punctuate mineralization and zones with dystelectasis of the caudodorsal dependent aspects of the lung parenchyma.

HOSPITAL NAME

Animal Health Care
Denver

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

Abdomen

REFERRING VET

Cathryn Sayer

REFERRING VET 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.

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

INVOICE

24005

INVOICE The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

DATE

8/18/23



PATIENT The caudal extremity of the spleen presents with a uniform soft tissue attenuating and heterogeneous contrast enhancing mass, protruding beyond the splenic surface, measuring 7.4 x 8.0 x 9.6 cm. The margins of the splenic mass are partially ill-defined/feathered. Cranial to the cranial extremity of the spleen, a nodular lesion, measuring 8 mm in diameter, presenting the same attenuation and contrast enhancement pattern like the spleen is appreciated. The peritoneal fat surrounding the spleen presents mild fat-stranding.

Jack Bentley

SPECIES

Canine

BREED

Lab Retriever Mix

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

The bony and surrounding soft tissue structures reveal no abnormalities.

SEX

Neutered Male

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Splenic soft tissue mass with surrounding peritonitis/mild effusion
- Small Splenunculus
- Pulmonary osteomas
- No evidence of pulmonary metastatic disease

AGE

10 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is fitting the history splenic mass – highly suggestive for primary splenic neoplasm such as hemangiosarcoma. The mass presents signs of potential laceration. Splenectomy is the therapy of choice.

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REFERRING VET

Cathryn Sayer

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.

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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.

DATE

8/18/23



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SPECIES

Canine

BREED

Lab Retriever Mix

SEX

Neutered Male

AGE

10 Years

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