



PATIENT

Lola Savakinas

PRESENTING CLINICAL SIGNS

Presented for hematuria which has partially responded to antibiotic therapy. Ultrasound showed a bladder mass and splenic mass.
Abnormal PE/Chem/CBC/UA Results: elevated alkp/alt

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN & THORAX

Plain and post contrast studies of the abdomen and post contrast study of the thorax available for review.

BREED

Old English Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

SEX

FS

The CT study reveals a mass of the cranioventral urinary bladder wall. Transmural loss of wall layering and severe irregular thickening of the urinary bladder wall with heterogeneous contrast enhancement are noted. Lesion margins are ill-defined. The mass measures 5.5 cm in length, 5.5 cm in width, and 3.0 cm in height, approximately. The vesico-trigone and urinary bladder neck do not appear to be involved.

AGE

9

The regional lymph nodes present within normal limits.

Part of an expansile hypoenhancing splenic mass are seen in the collimated field of view. The remainder of the spleen presents within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

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.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

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

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

REFERRING VET

Dr. Runde

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

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

INVOICE

59318

Moderate degenerative lumbosacral stenosis is noted.

Thorax

DATE

7-12-23

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

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are



PATIENT uniform and considered within normal limits.

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

SPECIES 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.

Canine The lung parenchyma presents the expected architecture and attenuation behavior.

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

Old English Bulldog

COMPUTED TOMOGRAPHIC DIAGNOSIS

- SEX**
- Large cranioventral urinary bladder wall mass meeting neoplastic criteria.
 - Expansile splenic mass.
 - No evidence of metastatic disease to the regional lymph nodes or lung.
 - Degenerative lumbosacral stenosis.

FS

AGE **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

9 The CT study reveals a large cranioventral urinary bladder wall mass meeting neoplastic criteria. Transitional cell carcinoma is a primary differential diagnosis. Other neoplasia such as sarcoma and round cell neoplasia cannot be ruled out entirely but are considered by far less likely. The mass is in a resectable position. Final diagnosis could be achieved by means of traumatic catheterization or spontaneous urine sampling with cytospin cytology.

INTERPRETED BY

Nele Eley, DVM
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At this time, there was no evidence of metastatic disease to the regional lymph nodes or lung.

HOSPITAL NAME The splenic mass is partially included in the collimated field of view and may represent a primary neoplasia such as hemangioma, hemangiosarcoma, metastases, or hematoma/benign nodular hyperplasia.

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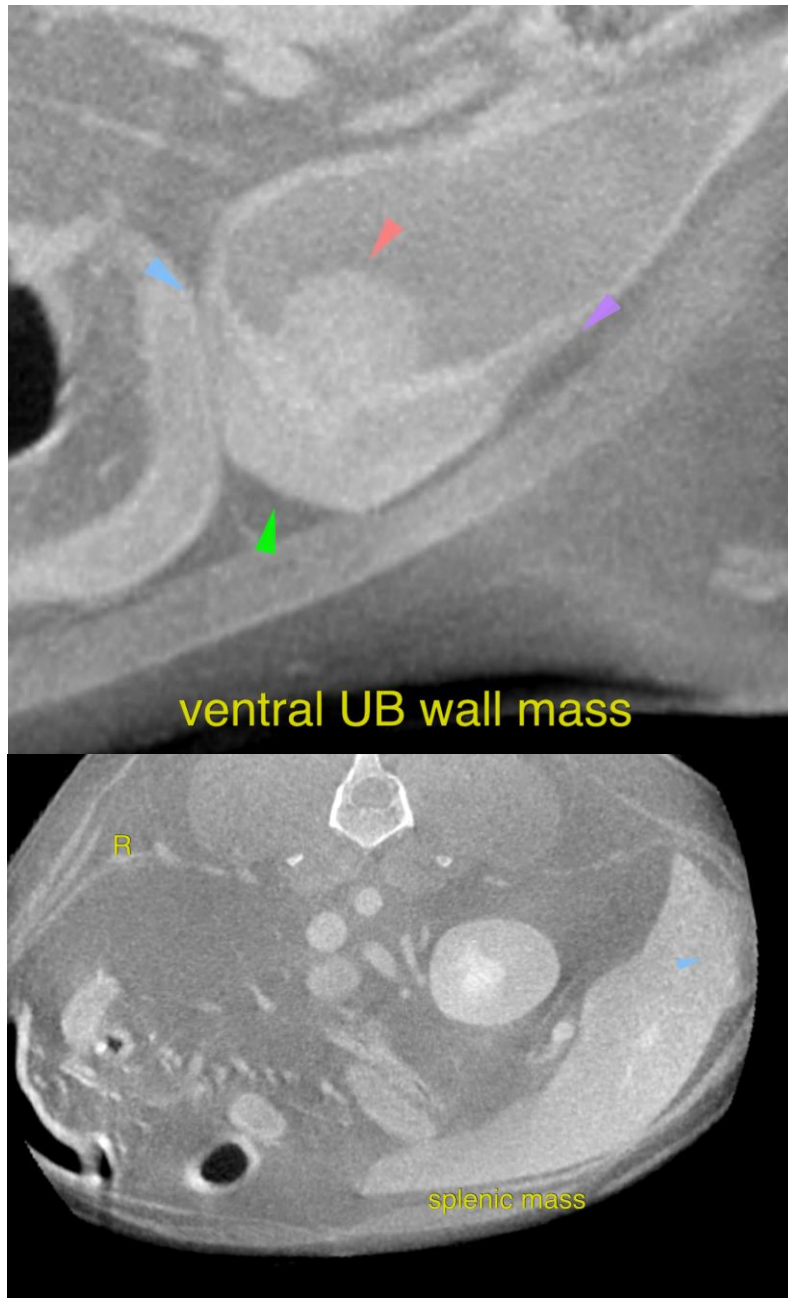
Dr. Runde

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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

Canine

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