



PATIENT PRESENTING CLINICAL SIGNS

Ushiro Aponte Patient came to the clinic with vomiting and weight loss. CT Scan was recommended to rule out abdominal neoplasia and thorax CT as met check.
 Abnormal PE/Chem/CBC/UA Results: CBC --- mild anemia and severe thrombocytopenia(24 K/uL)
 CHEM --- ALT, ALKP and GGT mild increased

SPECIES BREED COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

Canine

A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Medium Mixed Breed

Thorax

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

SEX

The sternal, cranial mediastinal and tracheobronchial lymph nodes are prominent.

M

Multiple segments of the pulmonary arteries of the left and right lung lobes present with intraluminal filling defects, occupying approximately up to 90% of the cross-sectional area.

AGE

All lung lobes present a patchy ground glass attenuation pattern.

9 Years

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

INTERPRETED BY

Abdomen

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

The serosal fat presents with a mild soft tissue striation.

HOSPITAL NAME

Veterinary Image
 Center

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.

The splenic volume is increased and the spleen has rounded margins. The splenic parenchyma is uniform soft tissue attenuating and post contrast generalized mild hypoattenuating in comparison to the liver.

REFERRING VET

Dr. L. Ricci, DVM

The hepatic volume is increased, the liver is protruding caudally beyond the costal arch and the caudoventral margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and has a mild heterogeneous contrast enhancement pattern.

INVOICE

The splenic and hepatic lymph nodes are significantly enlarged and rounded with a mild irregular hypoattenuating pattern. The jejunal & renal lymph nodes are prominent.

57987

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

DATE

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

4-25-23

Multiple ill-defined, irregular soft tissue attenuating nodular lesions are seen throughout the fat along the lumbar spine.



PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Ushiro Aponte

- Hepatomegaly
- Splenomegaly
- Lymphadenopathy sternal, cranial mediastinal, tracheobronchial, hepatic, splenic, jejunal, renal lymph nodes

SPECIES

Canine

- Pulmonary thromboembolism
- Multiple regions with alveolar lung pattern – accentuated in the periphery of the lung lobes
- Multiple soft tissue nodules throughout the fatty tissues along the lumbar spine
- Mild peritoneal effusion

BREED

Medium Mixed Breed

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In summary the CT findings are highly suggestive for disseminated neoplastic disease – underlying round cell tumor is considered most likely here. The pulmonary thromboembolism is considered as a paraneoplastic finding, due to hypercoagulable state with multiple pulmonary infarcts. Theoretically systemic inflammatory condition is a differential, such as Babesiosis, Leptospirosis, Ehrlichiosis, other, but the odds are low.

SEX

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If not done so yet, recommend FNA sampling of the enlarged abdominal lymph nodes, liver and spleen to confirm the diagnosis.

AGE

9 Years

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Dr. med. vet. DipECVDI

HOSPITAL NAME

Veterinary Image Center

REFERRING VET

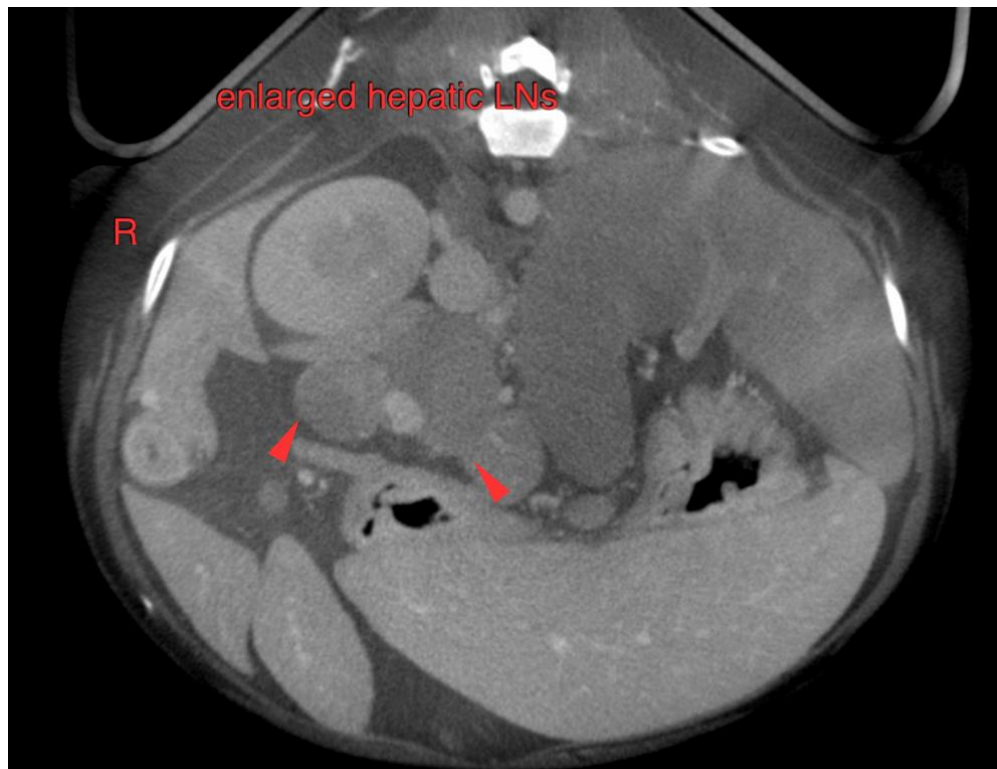
Dr. L. Ricci, DVM

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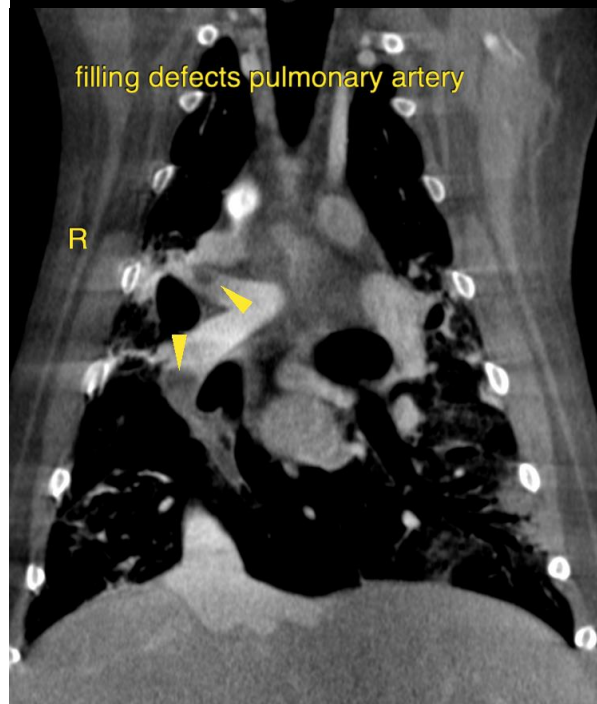
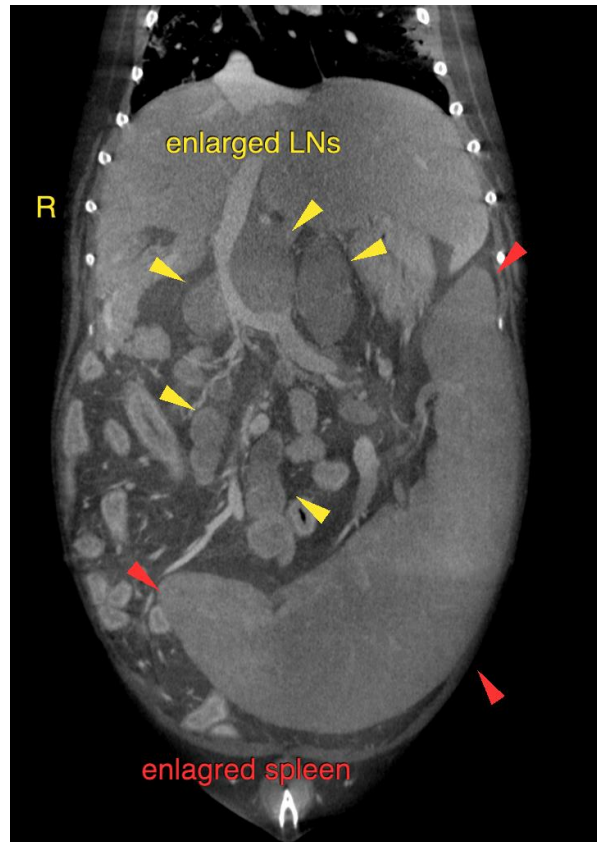
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SEX

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