



PATIENT

Kim Rosado

PRESENTING CLINICAL SIGNS

Patient was first seen on 6/5/23 for weakness, weight loss and disorientation. At that time patient had a severe anemia and received a blood transfusion. Patient was doing much better after tx and was sent home on Prednisone, antibiotics and iron supplementation. Follow up CBC have showed no significant improvement.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC --- severe anemia, NEU mild increased CHEM --- BUN mild decreased, ALP severe increased.

BREED

Yorkshire Terrier

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX & ABDOMEN

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

NM

Head & Neck

Moderate lateral ventriculomegaly of the brain without evidence of active distension is seen. No structural neuroparenchymal abnormality is noted.

AGE

12 Years

Multifocal periodontal disease with resorptive lesions are noted.

The tympanic bullae and ear canals present within normal limits.

The nasal cavities present within normal limits.

The lymph nodes and salivary glands present within normal limits.

The left lobe of the thyroid gland is seen and presents within normal limits. The right lobe of the thyroid gland is not seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

Thorax

A mild amount of uniformly fluid attenuating contrast negative material is seen in the cranial mediastinum.

Mild sternal lymphadenomegaly is seen.

The trachea and esophagus presents within normal limits.

A 6mm sized subpleural gas filled cavitory lesion is seen in the ventral aspect of the right caudal lung lobe. The remainder of the bronchopulmonary structures present within normal limits.

REFERRING VET

Dr. J. Diaz Umpierre,
DVM

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Abdomen

Severe generalized enlargement of the liver with multinodular appearance and irregular surface is seen. The attenuation and enhancement of the multiple nodules are reduced. The regular parenchyma is deviated completely by the nodules. There appears to be a mass effect onto the hepatic veins as well as onto the caudal vena cava.

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The portal lymph nodes present within normal limits.



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Kim Rosado The adrenal glands present within normal limits.

Multiple small cortical renal cysts are noted.

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The gallbladder is severely distended. Mucosal hyperplasia with deep and superficial mineralizations is seen.

The cervical, thoracic, and lumbar spine present within normal limits.

BREED

Yorkshire Terrier

Mild bilateral coxofemoral joint osteoarthritis is noted.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SEX

NM

- Severe multinodular hepatopathy with diffuse enlargement.
- Mineralizing gallbladder mucocele.
- Mild amount of cranial mediastinal fluid.
- Mild sternal lymphadenomegaly.
- Occasional splenic nodules.
- Bilateral cortical renal cysts likely degenerative.
- Single bleb within the right caudal lung lobe.
- Mild bilateral ventriculomegaly of the brain suggestive for congenital ventriculomegaly.
- Right lobe of the thyroid gland not seen. Hypoplasia versus aplasia versus prior thyroidectomy versus ectopic thyroid tissue.

AGE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Severe nodular hepatopathy with hepatomegaly is a primary finding in this patient. Differential diagnosis includes hepatitis with nodular regenerative hyperplasia, multifocal nodular hepatic steatosis, as well as hepatic neoplasia. Further definition by means of biopsy and histology is strongly recommended if not performed already. Adequate coagulation should be ensured prior to sampling.

HOSPITAL NAME

Veterinary Image
Center

The splenic nodules can represent lymphoid hyperplasia or extramedullary hematopoiesis. Neoplasia such as metastases is considered very unlikely.

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The fluid within the mediastinum is likely to represent hemorrhage. Mediastinal hemorrhage can happen spontaneously or in conjunction with coagulopathies and less likely trauma.

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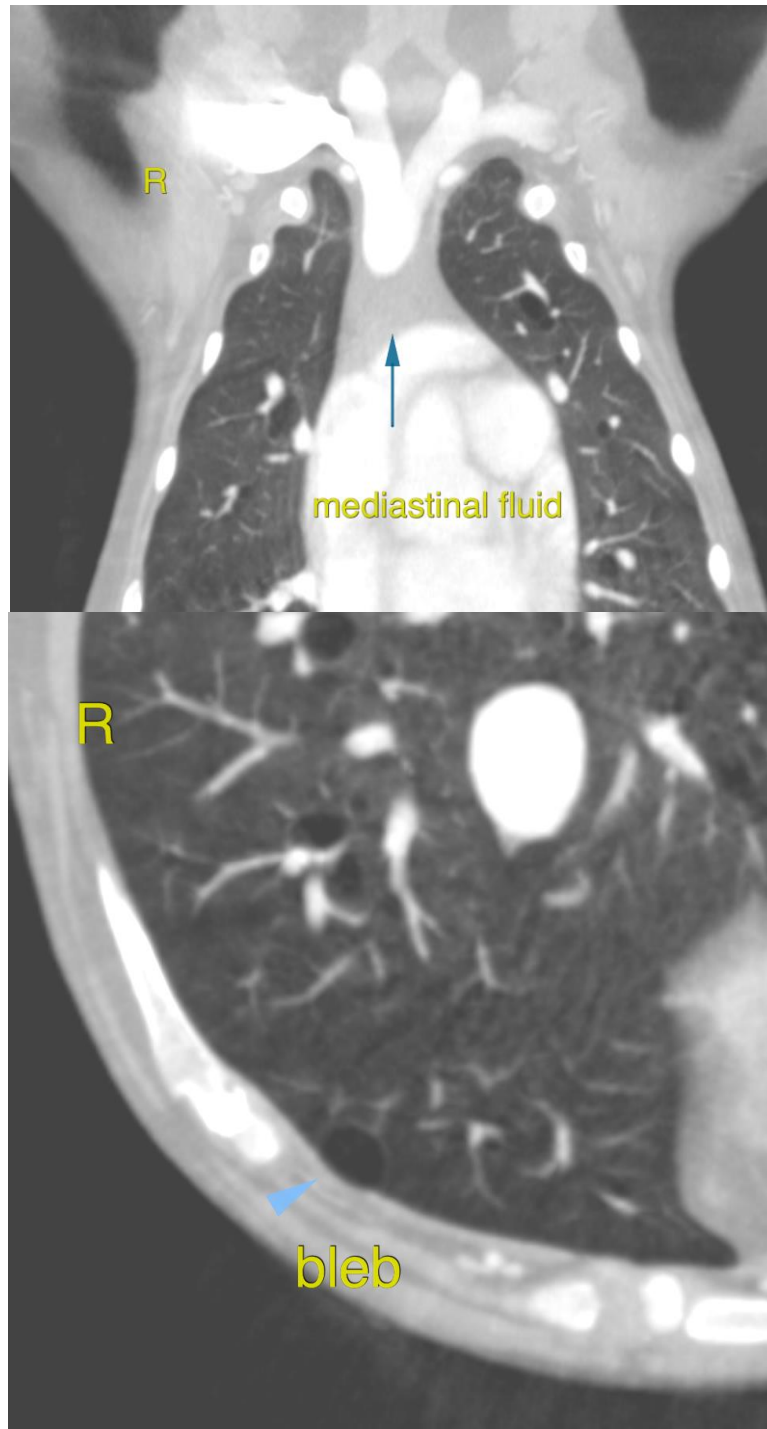
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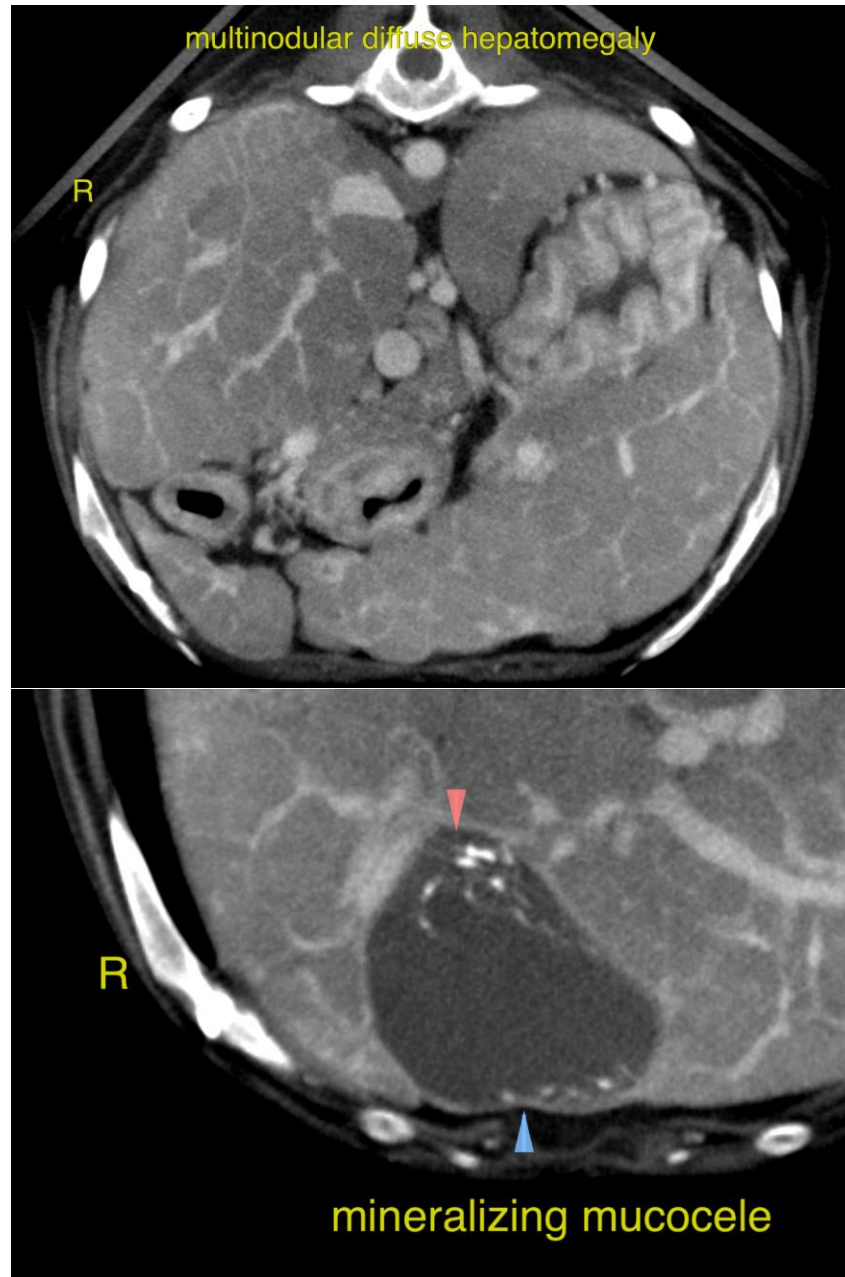
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Canine

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