



PATIENT PRESENTING CLINICAL SIGNS

Lola O'Connor Pruritis that did not resolve with ectoparasite treatment, concerned for adrenal disease

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

SPECIES A high resolution pre- and post-contrast CT study of the thorax and abdomen is provided for review.
Mustelid

COMPUTED TOMOGRAPHIC FINDINGS

BREED Thorax

Ferret 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 is uniform and considered within normal limits.

SEX

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

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.

AGE

1 Year The lung parenchyma presents a generalized mild patchy ground glass attenuation pattern.

INTERPRETED BY

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

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Abdomen

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

HOSPITAL NAME

Catskill Veterinary Services, PLLC

Both kidneys present mild irregular margins. 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.

REFERRING VET

Dr. Janis McGill

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

The spleen is prominent and has rounded margins.

In the mid abdomen, a prominent mesenteric lymph nodes is seen.

INVOICE

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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.

DATE

3-7-23

The bony and surrounding soft tissue structures reveal no abnormalities.



PATIENT

Lola O'Connor

SPECIES

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Ferret

SEX

Female

AGE

1 Year

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Splenomegaly
- Lymphadenopathy mesenteric lymph node
- Unstructured interstitial lung pattern
- Chronic nephropathy
- Normal adrenal glands
-

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appreciated lymphadenopathy can be secondary to (sub)clinical gastrointestinal inflammatory. However, due to the quite significant enlargement of the respective lymph node, round cell tumor is a consideration and ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool.

Potential causes for splenomegaly include extramedullary hematopoiesis, neoplasia (especially lymphoma), lymphoid or myeloid hyperplasia, hypersplenism and infectious diseases. The splenomegaly might be accentuated by general anesthesia.

The unstructured interstitial lung pattern is likely a sequela to dystelectasis secondary to general anesthesia. However, pneumonia – viral origin would be most likely here – is a differential.



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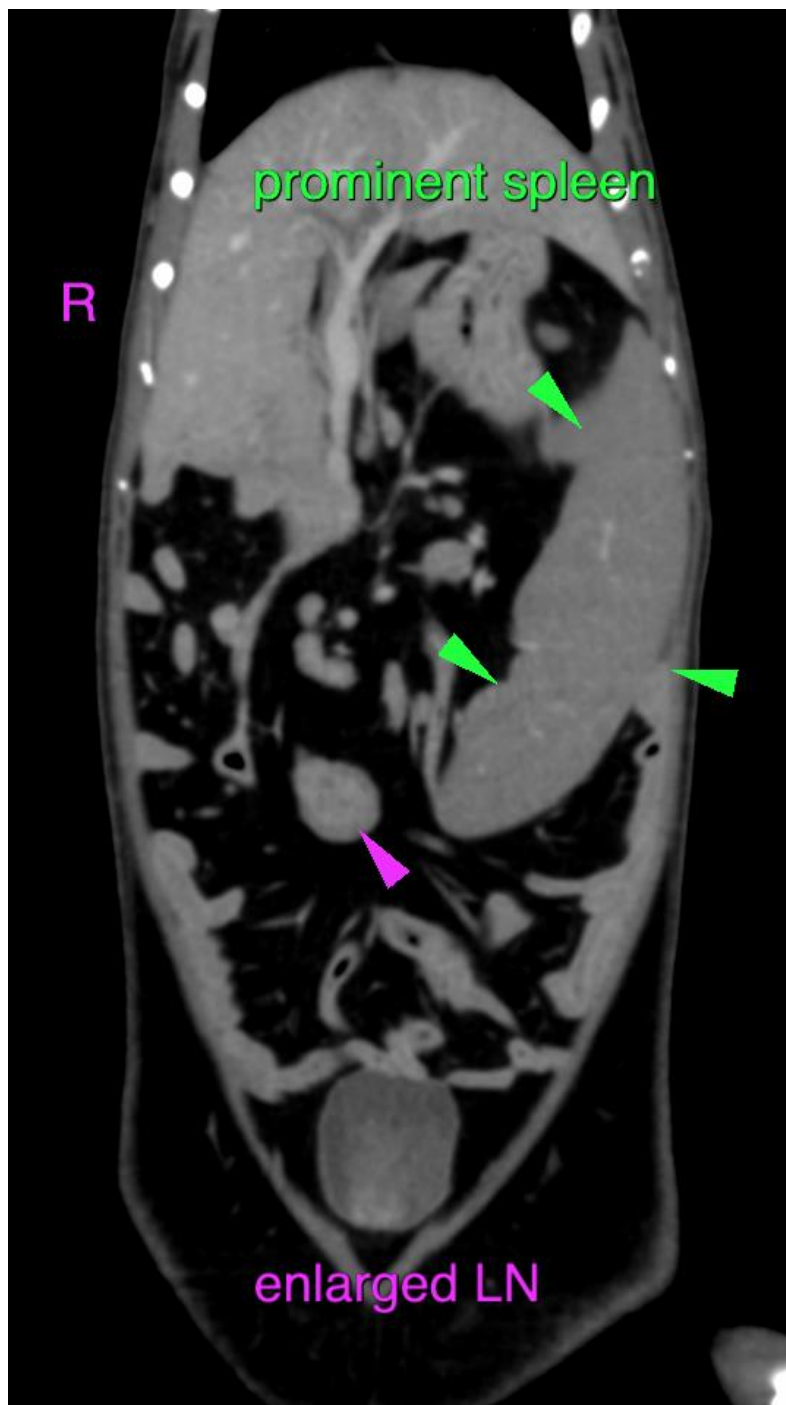
Dr. Janis McGill

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SPECIES

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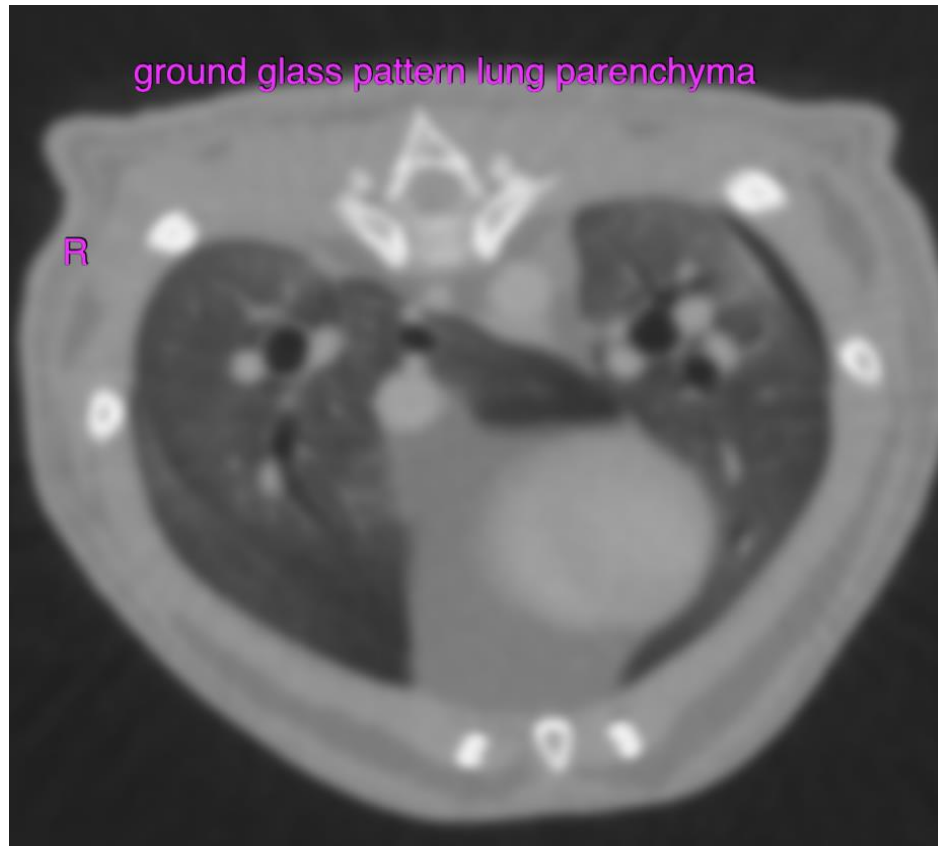
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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