



PATIENT PRESENTING CLINICAL SIGNS

Sophie Sawyer Intermittent vomiting. Mild hypoalbuminemia. Intra-abdominal mass. FNA showed carcinoma mid-jejunal mass.
 Abnormal PE/Chem/CBC/UA Results: Mesenteric lymphadenopathy. Ultrasound and cytology reports are attached.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

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

BREED

Havanese

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

SEX

Spayed Female

A 15 cm long mural mass is seen within the mid jejunum. Transmural and circumferential wall thickening with loss of wall layering is noted. There is a significant mass effect and luminal stenosis with moderate to severe prestenotic dilation of the small intestine. Wall thickness of the jejunal mass varies but maximum thickness is 2 cm.

AGE

7 Years, 6 Months

The regional jejunal lymph nodes are severely enlarged and rounded and measure approximately 2 cm in diameter. Mild regional fat stranding is seen.

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

INTERPRETED BY

Nele Eley (Ondreka),
 DVM Dr. med. vet.,
 DipECVDI

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.

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Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

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Meaux

Thorax

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 uniform and considered within normal limits.

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

Mild tracheal collapse is seen.

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An overall increase in interstitial attenuation is noted as well as multiple pinpoint to millimeter sized faint interstitial pulmonary nodules resulting in a miliary lung pattern.



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

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Mid jejunal mural small intestinal mass with obstructive ileus.
- Regional mesenteric lymphadenomegaly meeting neoplastic criteria.
- Miliary lung pattern.

BREED

Havanese

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with the history of small intestinal neoplasia reportedly adenocarcinoma.

SEX

Spayed Female

The lymph node changes are compatible with metastatic disease and should be considered so until proven otherwise.

The findings of the lung are highly suggestive for pulmonary metastatic disease.

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HOSPITAL NAME

Mobile Pet Imaging

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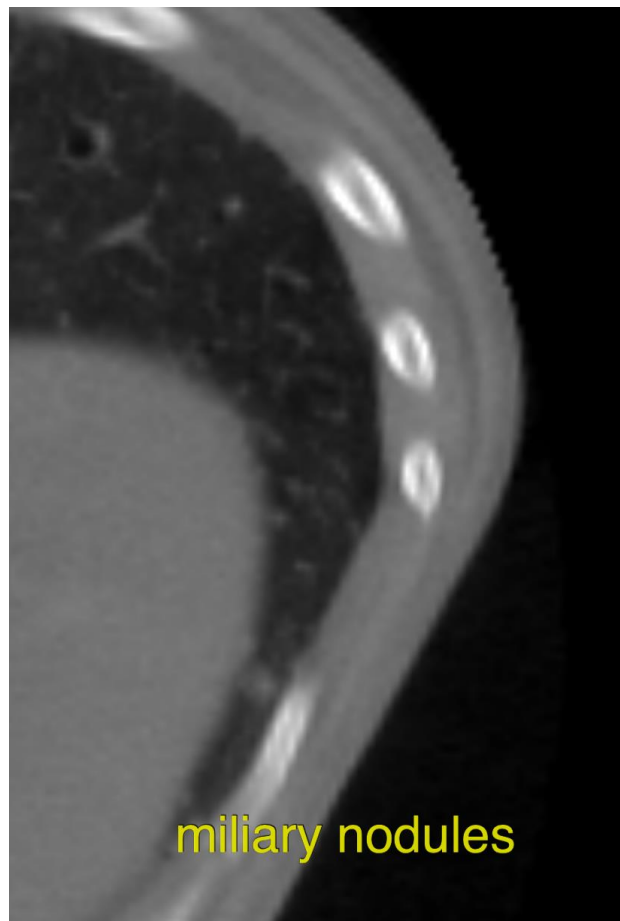
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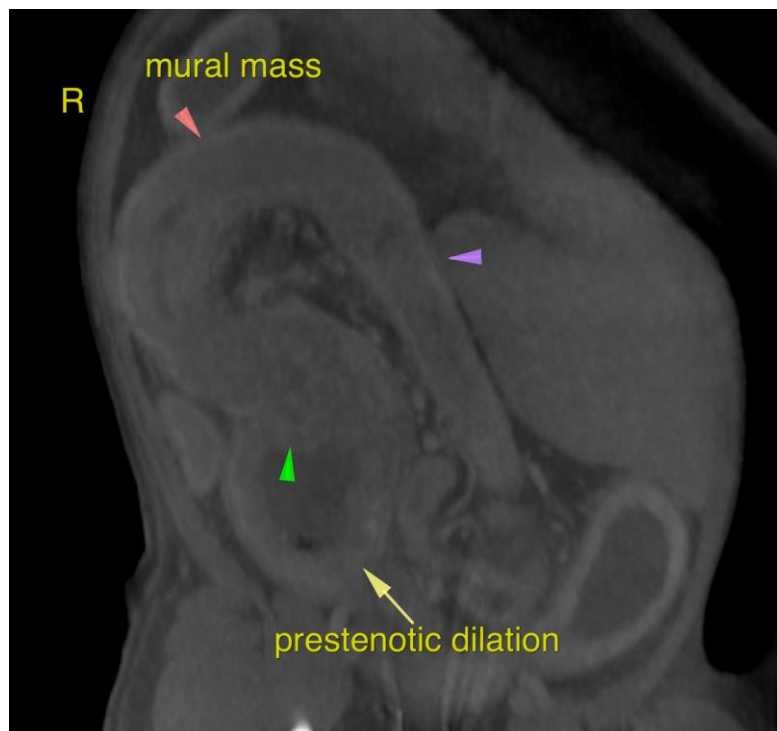
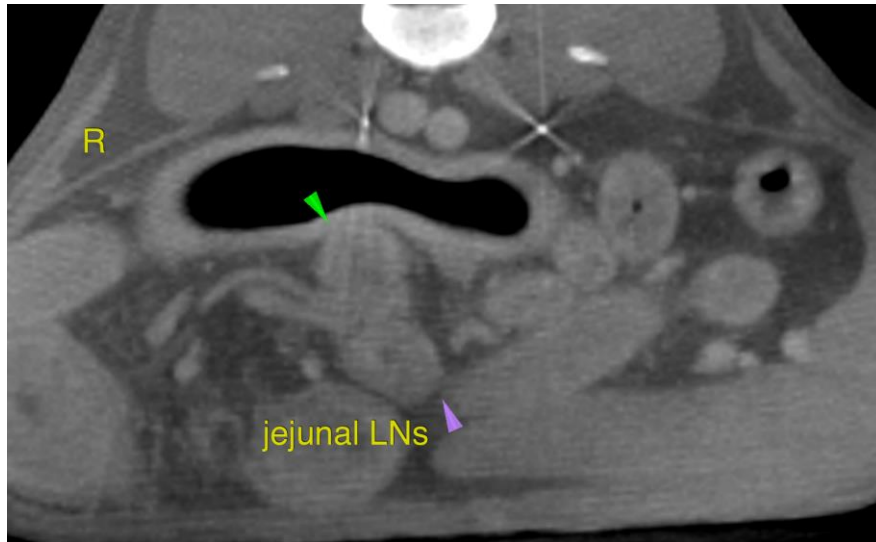
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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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.

BREED

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