



PATIENT PRESENTING CLINICAL SIGNS

Chicho Lopez Recent Hx of suspected cystitis via radiographs. Currently on chemotherapy under oncologist care for Lymphoma. Splenomegaly noted on xrays in February 2022 and confirmed via ultrasound in March. Large liver, increased wall thickness in stomach and intestines noted.

SPECIES COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Rat Terrier Thorax

The vertebral endplates T3/T4 present mild spondylosis formation.

SEX 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.

Neutered Male

The axillary lymph nodes are mildly prominent.

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

14 Years 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.

INTERPRETED BY

The lung parenchyma presents the expected architecture, multiple regions of the lung present a mild decreased volume and ground glass attenuating parenchyma.

**Sebastian Schaub, DVM
Dr. med. vet. DipECVDI**

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

HOSPITAL NAME

Abdomen

Mobile Pet Imaging

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

REFERRING VET

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration both kidneys present with roundish ill-defined mild hypoattenuating parenchymal regions. The urinary bladder is moderately distended, the urinary bladder wall is smooth and thin

Meaux

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

INVOICE

The splenic volume is moderately increased, and the margins are rounded, mild scalloping of the margins of the spleen in the hilar region is appreciated.

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The hepatic volume is moderately increased the liver is protruding beyond the costal arch; the gastric axis is deviated caudally. The caudoventral hepatic margins are rounded.

DATE

Originating from the left gastric vein, an anomalous vascular loop is coursing dorsally and cranially between the liver lobes, merging with the azygos vein. The azygos vein is prominent.

6-20-22

The gallbladder contains a mild amount of sedimented mineral attenuating material.



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

Chicho Lopez The dorsal aspect of the fundus of the stomach presents a mild thickening of the wall, measuring up to 6 mm in width. The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

SPECIES At the caudolateral aspect of the greater trochanter of the left femur, a spindle shaped lipoma is appreciated.
Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

- BREED**
- History of lymphoma
 - Hepatomegaly
 - Splenomegaly
 - Mild mural thickening of the gastric wall
 - Mild lymphadenopathy axillary lymph nodes
- SEX**
- Post contrast mild hypoattenuating parenchymal renal lesions bilaterally
 - Single congenital extrahepatic portosystemic shunt, left gastric vein to azygos vein (porto-azygos shunt)
- AGE**
- Mild amount of mineralized biliary sludge
 - Intermuscular lipoma caudal aspect greater trochanter left femur
 - Mild dystelectasis of the lung parenchyma
 - No evidence of pulmonary metastatic disease

INTERPRETED BY Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The organomegaly of the spleen and liver and the mild post contrast hypoattenuating renal lesions might be a sequela to underlying round cell tumor. The splenomegaly can be accentuated by general anesthesia and potentials for the hepatomegaly include metabolic hepatic disease or hepatitis.

HOSPITAL NAME Mobile Pet Imaging

The thickened gastric wall is not specific and both inflammatory changes (e.g. gastritis) or diffuse neoplastic infiltrative disease need to be considered.

The porto-azygos shunt is considered as an incidental finding.

REFERRING VET

Meaux

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PATIENT

Chicho Lopez

SPECIES

Canine

BREED

Rat Terrier

SEX

Neutered Male

AGE

14 Years

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HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

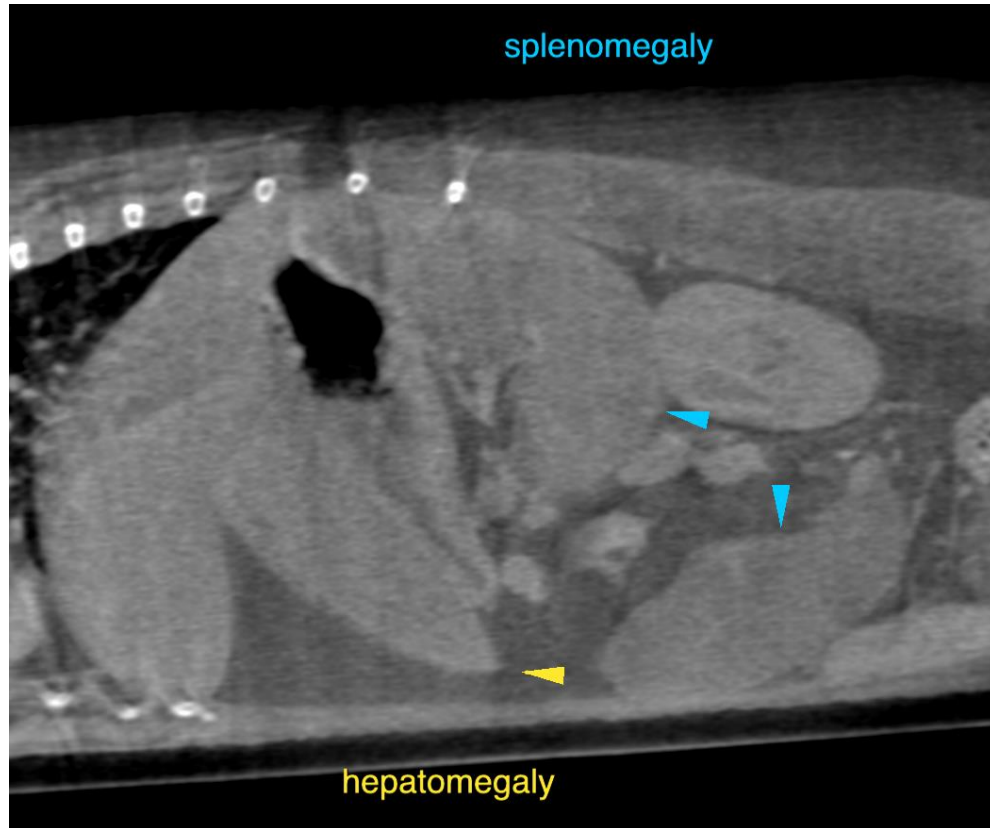
Meaux

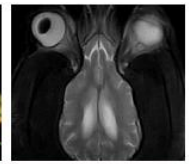
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PATIENT

Chicho Lopez

SPECIES

Canine

BREED

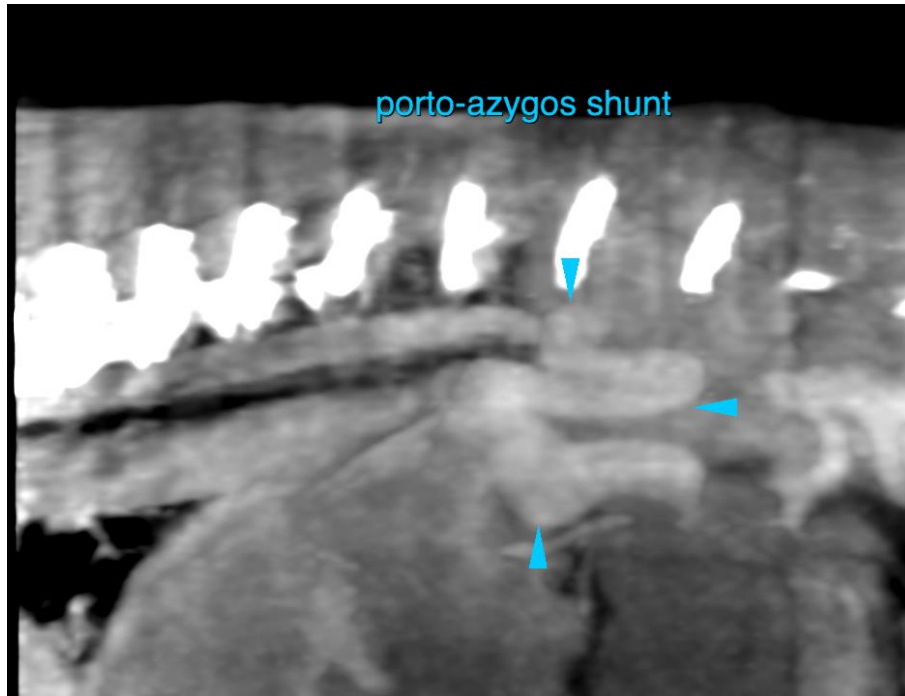
Rat Terrier

SEX

Neutered Male

AGE

14 Years



INTERPRETED BY

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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.

HOSPITAL NAME

Mobile Pet Imaging

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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