



PATIENT

Lexy Penderleith

PRESENTING CLINICAL SIGNS

Acute elevation of liver enzymes. Elevated bile acids. Recently having urinary accidents in house. Abnormal PE/Chem/CBC/UA Results: ALKP > 2000, ALT 634, Bile acids pre 123, post 133.8

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies available for review.

BREED

Poodle Mix

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

Female Spayed

The urinary bladder wall appears to present mild generalized thickening with mild undulation of the luminal surface of the urinary bladder. No discreet mass is seen.

The right medial iliac lymph node is mildly enlarged at a diameter of 4mm. The remainder of the lymph nodes in the hypogastrium present within normal limits.

AGE

14 Years

Occasional small cortical renal cysts are seen in both kidneys.

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

There is mild generalized enlargement of the spleen with occasional hyper- and hypo- enhancing parenchymal nodules.

Moderate generalized enlargement of the liver is noted with diffuse heterogeneous contrast enhancement. Multiple small parenchymal cysts are seen throughout all divisions of the liver.

HOSPITAL NAME

Mobile Pet Imaging

No evidence of extra- or intra- hepatic portosystemic shunts is seen.

The portal lymph nodes present moderate enlargement. The left portal lymph node measures 15mm in diameter and presents heterogeneous contrast enhancement. One splenic lymph node is enlarged at 7mm in diameter.

REFERRING VET

Meaux

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.

INVOICE

48138

A wart-like small dermal lesion is seen to the right of the midline in the tail.

Mild organized mineral attenuating extrusions are present in the caudal lumbar spine at L4/5 and L5/6.

DATE

11-1-21

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Hepatomegaly with diffuse heterogeneous contrast enhancement and multiple cysts.
- Portal and splenic lymphadenomegaly.
- Splenomegaly with occasional nodules.
- Multiple cortical renal cysts.
- Chronic cystitis pattern.
- Mild right medial iliac lymphadenomegaly.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Differential diagnosis for the hepatic changes includes hepatitis as well as diffuse neoplastic infiltrate. Storage diseases, metabolic, and endocrine hepatopathy are thought less likely based on the CT findings. Further definition requires correlation with the laboratory values as well as parenchymal sampling. Sampling of the portal lymph node could be considered as well.

Differential diagnosis for the lymph node changes includes reactive hyperplasia / versus lymphadenitis and metastatic disease.

The splenic nodules may represent benign nodular hyperplasia, hematoma, extramedullary hematopoiesis, or neoplastic infiltrate. Consider fine needle aspiration for further definition.

The changes of the urinary bladder suggest potential for chronic cystitis. Correlate with blood work and urinalysis.



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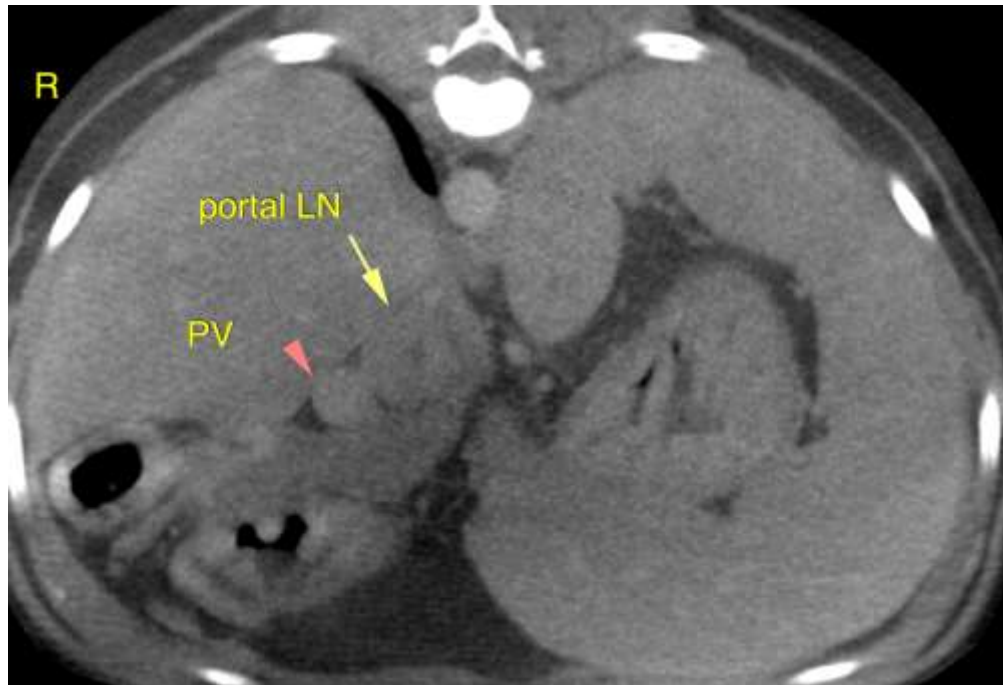
Meaux

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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.

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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