



PATIENT

Mia Cortright

PRESENTING CLINICAL SIGNS

Elevated post bile acid (128) Rule out liver shunt before ovariohysterectomy, mammary mass removal (Right third mammary gland firm nodule 0.2 cm)

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies available for review.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

Peripheral plate-like atelectasis is seen dorsally within the right caudal lung lobe and considered incidental.

Abdomen

SEX

Intact Female

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

AGE

7 Years

Small calculi are seen within the renal diverticuli of both kidneys. There is no evidence of pyelectasia.

The urinary bladder is moderately distended. Multiple small mineral attenuating calculi are seen within the urinary bladder and mild generalized wall thickening is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The uterus is enlarged with fluid attenuating material in the distended uterine horns bilaterally. The uterine wall appears thin. Maximum diameter of the uterine horns is 1.5 cm.

Small cystic structures are seen within both ovaries; none of which are larger than 10mm in diameter.

HOSPITAL NAME

Mobile Pet Imaging

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

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

REFERRING VET

Meaux

The liver presents mild generalized enlargement with a mild and diffusely heterogeneous contrast enhancement pattern and slightly rounded margins. The intra- and extra- hepatic portal vascular branching presents within normal limits.

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47502

The gallbladder is moderately distended. A small amount of hyperattenuating sediment is seen ventrally within the gallbladder. The gallbladder wall is thin.

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

DATE

9-22-21

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The mamils are prominent. A discreet mammary gland nodule cannot be seen which may well be due to its small size.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

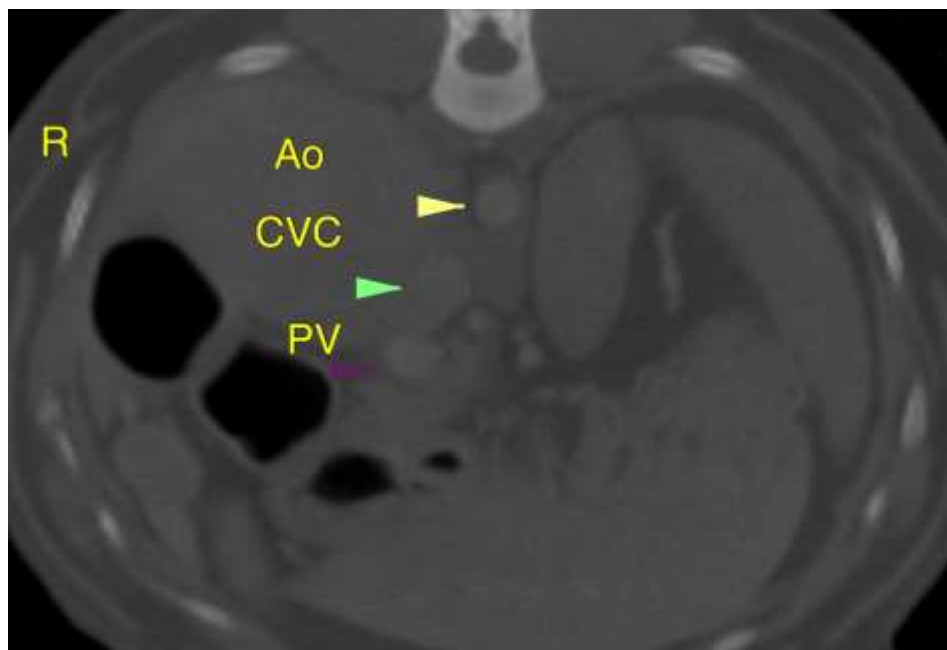
- Pyometra
- Hepatopathy with hepatomegaly and diffuse heterogeneous contrast enhancement.
- No evidence of portosystemic shunting.
- Small amount of gallbladder sludge.
- Bilateral hypercalcemic nephropathy.
- Urinary bladder calculi - most likely ammonium urates owing to the patient's history.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals or confirms the presence of pyometra.

Small renal and urinary bladder calculi are seen which do not appear to cause obstructive patterns at this point. There are signs of mild chronic concurrent cystitis.

No underlying macroscopic portosystemic shunt can be identified; however, the CT findings support the presence of diffuse hepatopathy such as metabolic and less likely endocrine hepatopathy. Diffuse inflammation and diffuse neoplastic infiltrates are a potential as well and further definition by means of liver biopsies is recommended.





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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.

SPECIES

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