



PATIENT PRESENTING CLINICAL SIGNS

Savannah Lefebvre Pet presented to their regular vet on 4/17/23 for evaluation of vomiting. Abdominal x-rays revealed mass effect in cranial abdomen. Pet was treated symptomatically and referred to a specialist for an abdominal US. The vomiting improved/ resolved, but the ultrasound revealed a large cystic structure on the liver, with multiple smaller associated cystic lesions. Surgery for removal and biopsy was discussed and a CT was advised to evaluate surgical respectability.

SPECIES Abnormal PE/Chem/CBC/UA Results: WNL

Feline

COMPUTED TOMOGRAPHY OF THE ABDOMEN

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

DLH COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

The caudal pole of the left kidney presents a concave depression of the renal surface. 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.

AGE

8 Years, 4 Months

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

INTERPRETED BY

Protruding from the caudoventral margin of the right medial liver lobe, a multicameral, peripheral contrast enhancing and central fluid attenuating mass is appreciated, measuring 6.0 x 4.5 x 7.2 cm. The mass is protruding caudally into the abdomen, deviating the descending duodenum dorsally and medially. Multifocal throughout the hepatic parenchyma, well-defined parenchymal filling defects, measuring up to 8 mm are appreciated.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement. The pancreatic duct is dilated, measuring 2.6 mm.

Wilson Veterinary Hospital

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

The gastric lymph node is prominent and has a mild heterogeneous contrast enhancement pattern.

REFERRING VET

Dr. Allum

Multifocal spondylosis formation is seen along the lumbar spine.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

59070

- Complex cavitory mass right medial liver lobe
- Multiple simple hepatic cysts
- Lymphadenopathy gastric lymph node
- Dilation of the pancreatic duct without signs of mechanical obstruction – considered as an age related finding
- Left chronic renal infarct
- Spondylosis deformans

DATE

6-28-23



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Savannah Lefebvre

The appreciated cavitory mass can present a benign complex hepatic cyst, in combination with the multiple smaller hepatic cysts it can be a sequela to polycystic kidney disease – considered most likely. Potentials for the complex hepatic cyst can include malignant transformation (e.g. cholangiocellular carcinoma or cystic hepatocellular carcinoma). Complete surgical excision of the mass is considered feasible – adhesions with the gallbladder might be present.

SPECIES

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The prominent gastric lymph node is not specific, I consider the odds for reactive hyperplasia high. However, intraoperative biopsy/FNA sampling can be performed to rule out malignant infiltration.

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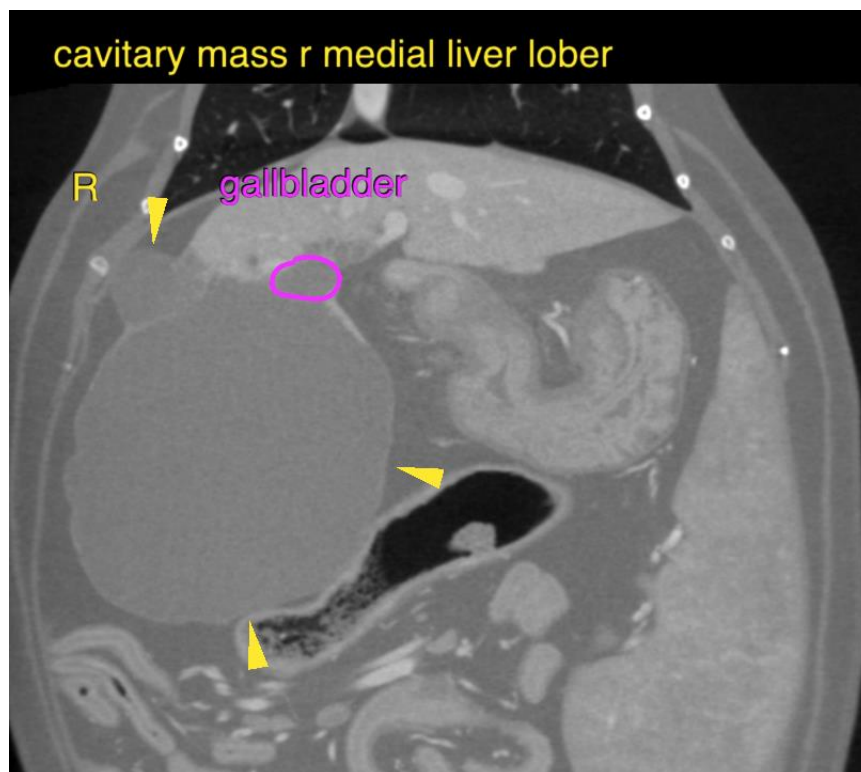
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PATIENT

Savannah Lefebvre

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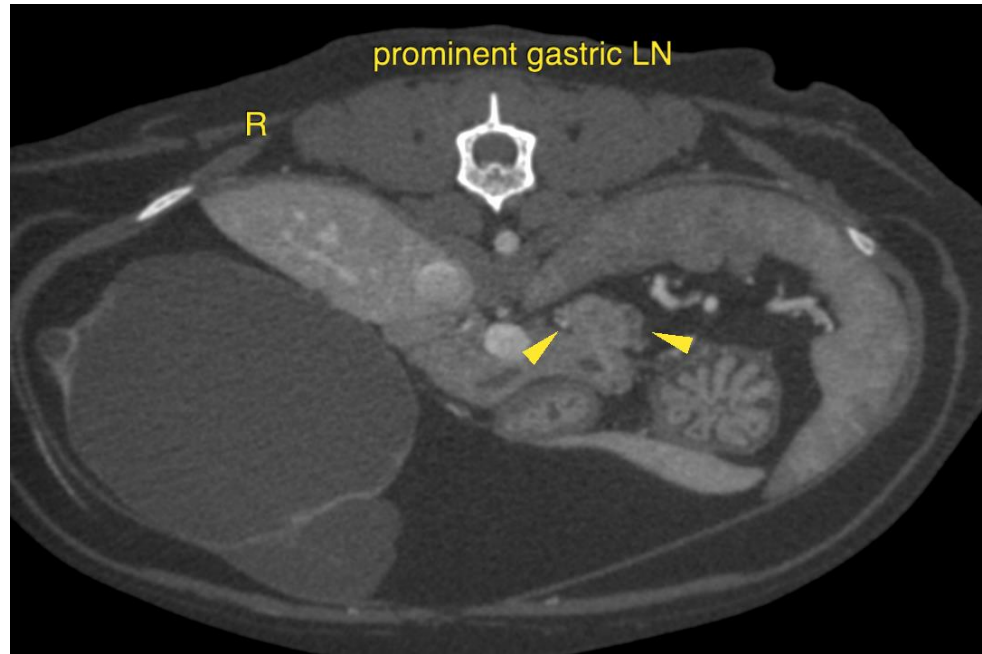
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com