



PATIENT

Charlie Watson

PRESENTING CLINICAL SIGNS

acute onset lethargy - ultrasound findings: large cystic lesion mid-abdomen
Abnormal PE/Chem/CBC/UA Results: marked WBC/neutrophilia otherwise unremarkable

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE ABDOMEN

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

BREED

Border Collie

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

MN

Originating from the cranial pole of the right adrenal gland, a roundish, well-defined, hypoattenuating mass, demarcated by a thin contrast enhancing capsule is visible. The central fluid attenuating mass is measuring 7.8 cm in size – depressing the renal parenchyma. The kidney is displaced ventrally by the mass effect. The retroperitoneal fat presents surrounding the right kidney presents mild fat-stranding. The proximal duodenum is displaced ventrally by the mass effect.

AGE

8

The right adrenal gland is distorted by the large cavitory regional lesion.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The caudal pole of the left kidney presents with a roundish well-defined parenchymal filling defect.

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

HOSPITAL NAME

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Imaging

The caudal extremity of the spleen presents with a small, ill-defined, roundish, heterogeneous contrast enhancing intraparenchymal zone, measuring approximately 14 mm in diameter. The remainder of the splenic parenchyma are uniform soft tissue attenuating and contrast enhancing.

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

REFERRING VET

Eamon

At the medial aspect of the duodenal lobe of the pancreas a nodular structure presenting heterogeneous contrast enhancement pattern is visible, measuring 11 mm in diameter.

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

INVOICE

51406

The lumbosacral intervertebral disc is moderately protruding into the vertebral canal.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

4-8-22

- Large right renal cavitory lesion with surrounding steatitis of the retroperitoneal fat
- Suspect lymphadenopathy pancreaticoduodenal lymph node
- Degenerative lumbosacral stenosis with dynamic compression of the cauda equina fibers
- Intraparenchymal nodular lesion caudal extremity of the spleen



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- Renal cortical cyst

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

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The main finding is the large cavitory lesion of the right kidney with surrounding mild steatitis, a simple renal cyst is considered likely. Infection of the renal cyst can be a complication and might be a source for the leukocytosis. Consider complete urinalysis to check for pyuria and aspirating the fluid from the renal cavitory lesion to rule in/out infection.

BREED

Border Collie

The nodular lesion at the medial aspect of the duodenal lobe of the pancreas can present a prominent pancreaticoduodenal lymph node – reactive hyperplasia is considered likely.

The intraparenchymal lesion in the caudal extremity of the spleen is most consistent with nodular hyperplasia – ultrasound guided FNA sampling can be used to confirm the diagnosis.

SEX

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No additional abnormalities are appreciated as source of the clinical signs.

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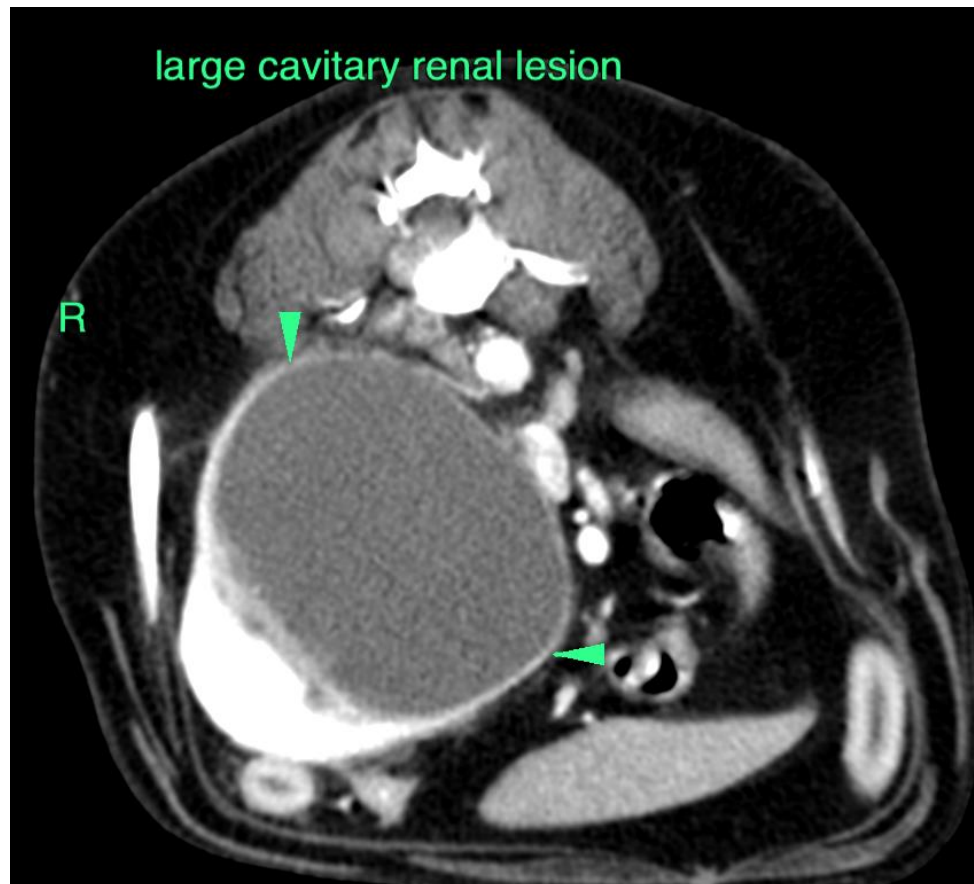
Eamon

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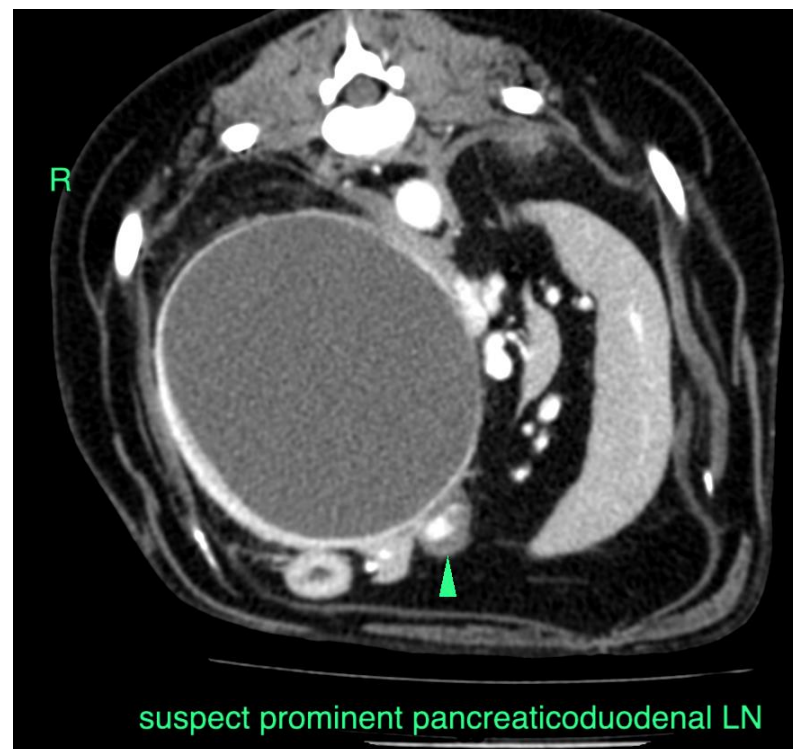
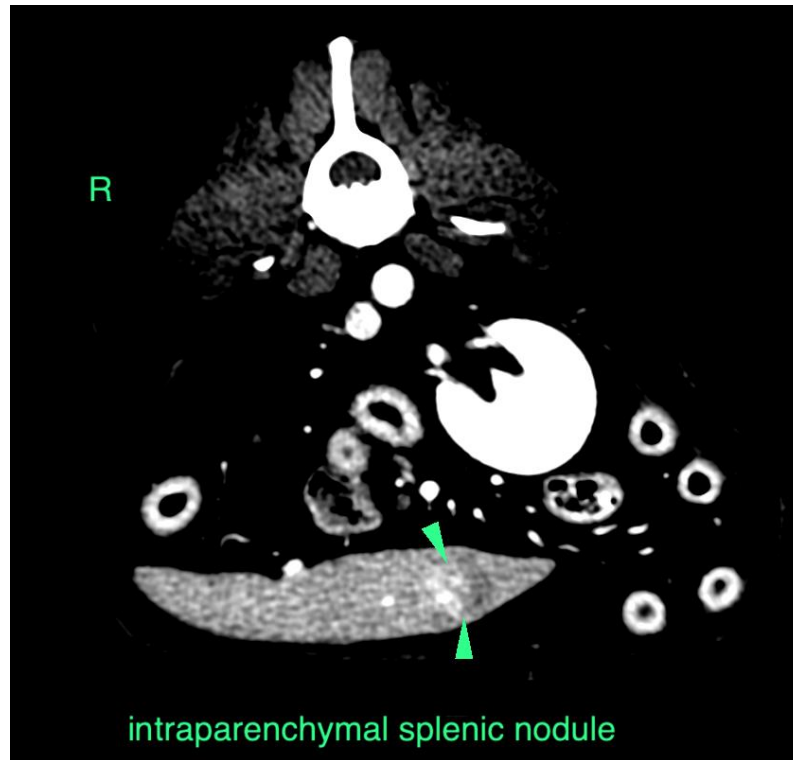
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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