



PATIENT

Louie Perry

PRESENTING CLINICAL SIGNS

Diabetic with large mass seen of U/S. Free fluid noted.

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE ABDOMEN

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

BREED

Schnauzer

COMPUTED TOMOGRAPHIC FINDINGS

In the right abdomen, a large, irregular ovoid shaped uniform soft tissue attenuating mass is extending caudally into the peritoneal cavity, up to the level of L5/L6. Post contrast administration, the mass is heterogeneous contrast enhancing. The mass is attached to the quadrate liver lobe and measuring 8.0 x 11.5 x 17.4 cm in size. The pyloric region of the stomach is displaced dorsally and the small intestinal loops into the left and caudally abdomen by the mass effect. The peritoneal fat surrounding the mass presents moderate fat-stranding. Post contrast administration, multiple mild hypoattenuating ill-defined regions are seen throughout the hepatic parenchyma.

SEX

NM

The spleen is partially cropped by the field of view, the pictured parts of the spleen are smoothly margined with a uniform contrast enhancement pattern.

AGE

6 Years

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

In the region of the right adrenal gland, multiple small punctuate mineralization are seen.

The bony and surrounding soft tissue structures reveal no abnormalities.

HOSPITAL NAME

Animal Medical
Center of Mt.
Pleasant

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large hepatic mass originating from the quadrate liver lobe
- Post contrast hypoattenuating hepatic parenchymal lesions
- Secondary mild surrounding peritoneal effusion/peritonitis
- Suspect dystrophic mineralization right adrenal gland

REFERRING VET

Dr. Brooke Fenamore

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is a large hepatic mass, that appears to originate from the quadrate liver lobe with a pedunculated presence. Primary hepatic neoplasia is the diagnosis, such as hepatocellular adenoma/carcinoma or less likely cholangiocellular carcinoma, neuroendocrine tumor. Complete surgical excision of the mass appears feasible.

INVOICE

48845

The hypoattenuating hepatic parenchymal lesions are equivocal for metastatic spread, regeneration nodules, steroid induced hepatopathy, hepatitis or hepatic cysts.

DATE

12-7-21

Mild mineralization are seen in the region of the right adrenal gland – proper delineation is limited by the crowding of the retroperitoneal structures in the respective region due to the large hepatic mass. I consider the odds for dystrophic mineralization high, and no adrenal mass can be appreciated. However, after post-operative recovery phase, re-evaluating the region by



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ultrasound appears beneficial. Intraoperative evaluation of the region of the right adrenal gland to rule out mass can be considered as well.

Consider full tumor staging.

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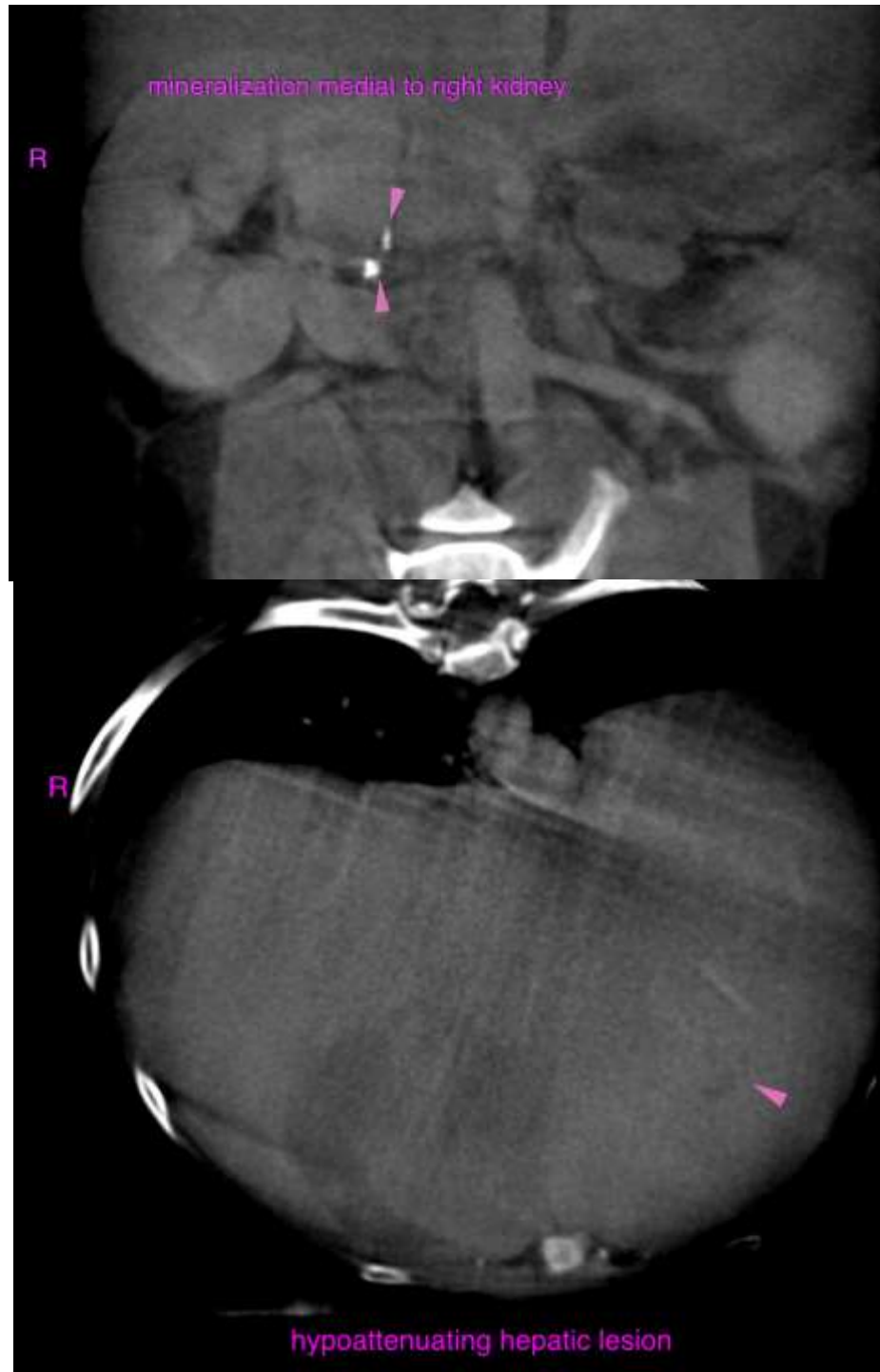
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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
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