

PATIENT

Panda Dolan

SPECIES

Canine

BREED

Kelpie X

SEX

FS

AGE

11 years

WEIGHT

79.3 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Sara Hansen

HOSPITAL NAME

Pleasant Hill AH

REFERRING VET

Dr. Larsen

INVOICE

13327

DATE

2/11/22

PRESENTING CLINICAL SIGNS

2/4/22 Arthritis of back and stifles/hind legs Cataracts forming Abdomen too tense to palpate 1mm wart on the lower eyelid with resultant epiphora Started on Gabapentin (added to previous carprofen)
2/9/22 Not eating today
Abnormal PE/Chem/CBC/UA Results: ALT (186), ALP (1409), Platelets (659) Current Medications
vetprofen, gabapentin; Started on Cerenia (60mg sid) and Sucralfate (1gr bid) 2/9

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

The area of the aortic trifurcation was free of pathology.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.5 cm in length. The right kidney measured 7.1 cm in length.

Adrenal Glands

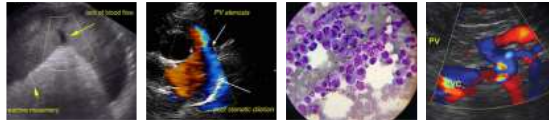
The left adrenal gland was indistinctly visualized yet without overt pathology subjectively measuring 0.71 cm width at the caudal pole. Ill-defined hypoechoic to nonhomogeneous mass effect in the area of the right adrenal gland measuring approximately 4.0-5.0 cm in diameter was present.

Spleen

The spleen was normal in size and overall contour with generalized mild splenic parenchyma heterogeneity. Subtle areas of increased parenchyma echogenicity were noted around the hilus and medial capsule.

Liver/ Gallbladder

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. A solitary, centrally echogenic to peripherally isoechoic nodular mass lesion was present in the deep mid to right liver adjacent to the gallbladder measuring 5.6 cm in diameter. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.



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Gastrointestinal

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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material. The gastric body wall width measured 0.50 cm.

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The small intestine presented intact wall layering and primarily maintained a 1:3 muscularis/mucosa ratio with subjective propensity for mild segmental to generalized prominent muscularis layer. The jejunum wall width measured 0.49 cm.

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Normal visible colon wall layers were present with apparent formed feces in lumen.

SEX

Pancreas

FS

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

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Free Abdomen

WEIGHT

Evidence of left and right retroperitonitis exhibiting increased retroperitoneal echogenicity and suspect scant retroperitoneal effusion was present. No overt lymphadenopathy was present.

79.3 lbs.

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

Primary Findings

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

- Ill-defined mass effect in area of right adrenal gland -suspect right adrenal mass
- Evidence of potential associated retroperitonitis
- Hepatomegaly with nonspecific
- Nonspecific centrally echogenic nodular mass
- Bilateral mild chronic renal changes
- Age-related spleen - subjectively benign
- Mild enteritis

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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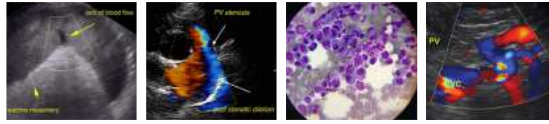
The nonspecific hepatic nodular mass may indicate benign processes such as nodular to regenerative hyperplasia, lipogranuloma, or similar. However, given concern for suspected right adrenal mass, potential for hepatic metastasis is concerning. Further assessment of the ill-defined mass in the area of the right adrenal gland, as well as the liver nodular mass, may include abdominal CT which is recommended if possible.

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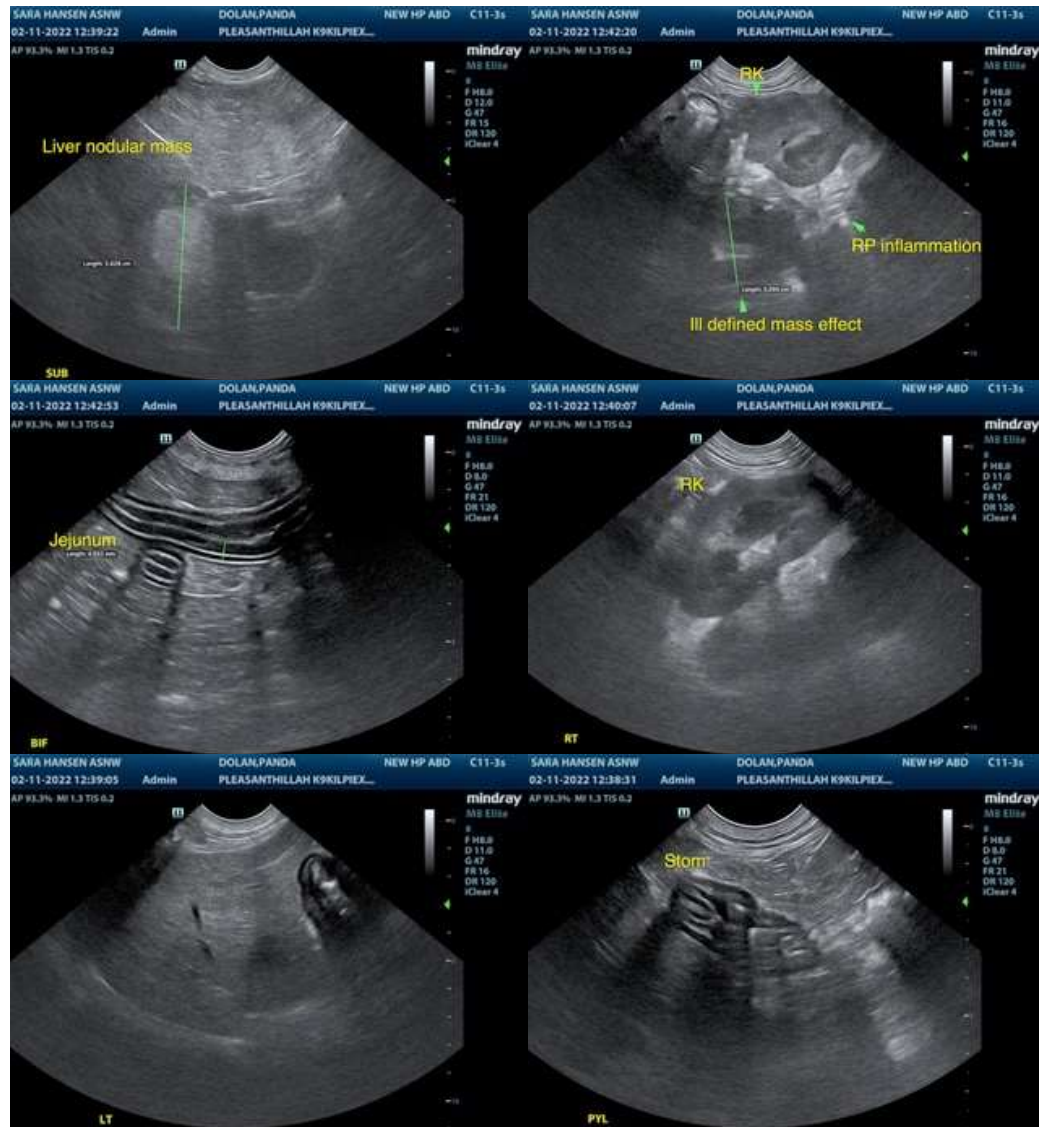
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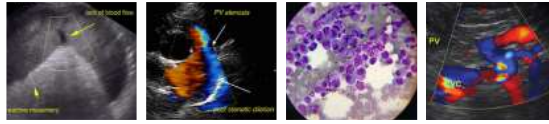
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Assuming normal clotting status, ultrasound guided FNA of the nodular liver mass if accessible could also be considered for screening cytology. Empirically, continued as-needed gastrointestinal and hepatic support are recommended.





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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.

HOSPITAL NAME

Pleasant Hill AH

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