



PATIENT PRESENTING CLINICAL SIGNS

Zeus Hetrick History: Suspect liver neoplasia on previous ultrasound (attached), severe jaundice
Medication: Cerenia, Flagyl, Denamarin

SPECIES
Feline
ALP 550, ALT 203, GGT 8, TBili 5.5, Glucose 170

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Domestic Shorthair **Urinary System**

SEX
Neutered Male
The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild, nondependent, particulate sediment was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.

AGE
15 years
The area of the aortic trifurcation was free of pathology.

WEIGHT
9.7 Pounds
Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.9 cm in length. The right kidney measured 4.5 cm in length.

INTERPRETED BY Adrenal Glands

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)
No overt pathology was noted in the area of the left or right adrenal glands.

Spleen

The spleen was mildly subnormal in size with subtle parenchymal heterogeneity. A primarily maintained symmetrical capsule contour was noted. The spleen measured 0.66 cm in diameter. This is most consistent with splenic volume contraction without overt evidence of neoplastic criteria.

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME Liver/ Gallbladder

Easton AH

The liver presented increased in size. The parenchyma of the liver was subjectively increased in echogenicity compared to the spleen and renal cortices. The echotexture of the liver parenchyma was uniform with a mild coarse echotexture. The capsule of the liver was symmetrical in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size containing mild nonorganized, nonmineralized luminal debris. The proximal common bile duct was dilated and tortuous without overt post hepatic obstruction. The common bile duct measured 0.25 cm diameter.

REFERRING VET

Dr. Yaswinski

INVOICE

113149

Gastrointestinal

The stomach was nondistended in size without evidence of retained ingesta, fluid, or foreign material. Primarily intact and sonographically unremarkable wall layering was present in the stomach with a

DATE

1.25.2022



PATIENT

Zeus Hetrick

solitary hypoechoic nodular mural lesion subjectively within the ventral aspect of the gastric fundus to body measuring 0.87 cm in diameter.

SPECIES

Feline

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

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

Pancreas

BREED

Domestic Shorthair

The pancreas was normal in size and contour with mildly heterogeneous to hypoechoic parenchyma compared to adjacent omentum.

Free Abdomen

SEX

Neutered Male

Generalized reactive mesentery and mild volume primarily anechoic peritoneal free fluid were present. No overt lymphadenopathy was noted.

AGE

15 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings

WEIGHT

9.7 Pounds

- Hepatomegaly exhibiting generalized uniform parenchyma hyperechogenicity - similar in presentation to previous ultrasound, inflammatory hepatopathy (cholangiohepatitis or other), lipidosis, neoplasia possible
- Mild gallbladder debris with mild nonobstructive proximal common bile duct dilation
- Heterogeneous to mildly hypoechoic pancreas - subjectively static
- Generalized reactive mesentery and mild volume peritoneal free fluid
- Nonspecific hypoechoic nodular mural lesion and subjective ventral gastric fundus / body - concern for focal to emerging neoplastic infiltrative mural lesion, focal gastric mural inflammatory possible

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further assessment including pending hepatic cytology, as well as fluid analysis cytology +/- culture and sensitivity if evidence of inflammatory cells is recommended. Pending cytology, sonographic monitoring of the nodular gastric mural lesion may be considered. Continued guarded prognosis is indicated.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Easton AH

REFERRING VET

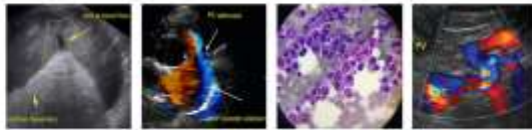
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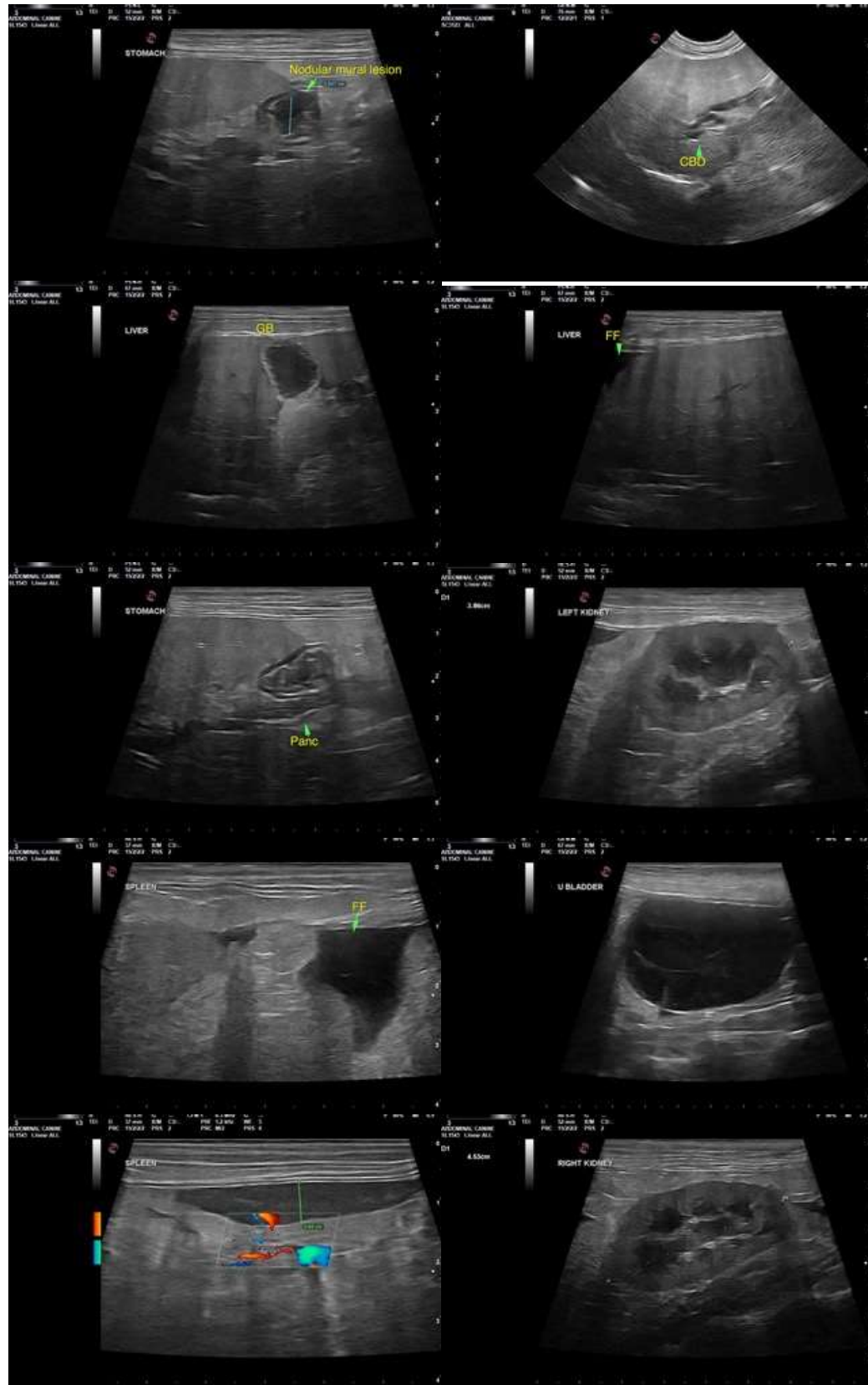
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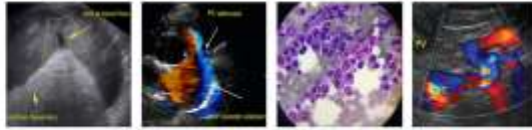
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PATIENT

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SPECIES

Feline

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.

BREED

Domestic Shorthair

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.

SEX

Neutered Male

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

AGE

15 years

WEIGHT

9.7 Pounds

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(Canine and Feline)

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