

PATIENT PRESENTING CLINICAL SIGNS

Dexter Lewis labored breathing, inappetence, in congestive heart failure currently on vetmedin, lasix, clavaseptin, fortekor, silymarin
Abnormal PE/Chem/CBC/UA Results: elevated ALP, ALT, WBC, Gluc, SDMA, BUN, low sodium, chloride

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Chihuahua

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – 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 were noted.

SEX

Neutered Male

The residual prostate was free of pathology.

AGE

14 Years

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Medullary mineral to small renoliths were present, primarily in the left kidney, with small cortical cysts present in both kidneys. The left kidney measured 3.6 cm. The right kidney measured 4.0 cm.

WEIGHT

9 Pounds

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

INTERPRETED BY

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

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 1.4 cm length x 0.35 cm at the caudal pole. The right adrenal gland measured 1.3 cm length x 0.63 cm at the caudal pole.

Spleen

IMAGING PERFORMED BY

Kelly Reschny

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

HOSPITAL NAME

Smithville AH

Liver

REFERRING VET

Dr. Hulzebosch

The liver presented enlarged in size with symmetrical yet swollen contour. Generalized primarily uniform increased hepatic parenchyma echogenicity was noted with moderate coarse echotexture. The hepatic vasculature was dilated in appearance, most notable at the level of the hepatic vein / caudal vena cava junction, without evidence of thrombosis. Hepatic vein diameter measured 0.69 cm. The gallbladder was non-distended. Scant gallbladder wall edema along with mild luminal debris was noted. The common bile duct was normal.

INVOICE

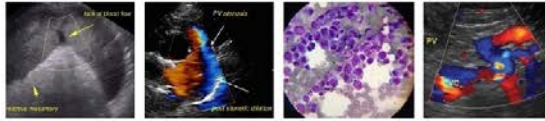
25734

Gastrointestinal

DATE

9/22/21

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. Pylorus wall measured 0.63 cm.



PATIENT

Dexter Lewis

The small intestine presented intact wall layering with maintained 1:3 muscularis/mucosa ratio. Mild duodenal ileus was present. Duodenum wall measured 0.34 cm.

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

SPECIES

Canine

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

BREED

Chihuahua

Free Abdomen

A hypoechoic to non-homogeneous, asymmetrical mass lesion was noted in the mid to right abdomen in the area of the stomach and pancreas, measuring 3.3 cm x 2.8 cm.

SEX

Neutered Male

Generalized reactive mesentery noted along with scant peritoneal free fluid.

PRIMARY FINDINGS

- Hepatopathy with prominent to dilated hepatic vasculature – consistent with congestive hepatopathy, concurrent vacuolar inflammatory hepatopathy possible.
- Mild gallbladder debris with scant wall edema
- Mass lesion in area of pancreas and stomach – neoplasia favored with probable pancreatic origin, less likely non-obvious gastric, hepatic or lymphatic origin.
- Gastroduodenitis
- Generalized reactive mesentery and scant peritoneal free fluid

AGE

14 Years

WEIGHT

9 Pounds

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Feline)

SECONDARY FINDINGS

- Bilateral chronic renal changes with non-obstructive medullary mineralization and cortical cysts

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pending echocardiographic assessment, the appearance of the liver is most suggestive of congestive hepatopathy. If possible, ultrasound guided FNA of the liver as well as the probable pancreatic mass lesion for screening cytology and further clarification could be considered. As-needed gastrointestinal support indicated.

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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.

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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