



PATIENT PRESENTING CLINICAL SIGNS

Tiger Fetzler History: Potbellied, CUSHINGOID TRILOSTANE, URSODIAL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES

Canine

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 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.

BREED

Pug X

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some mildly 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 5.0 cm in length. The right kidney measured 5.0 cm in length.

SEX

Neutered male

AGE

13 years

The area of the residual prostate was free of pathology. The residual prostate measured 0.98 cm in width.

The area of the aortic trifurcation was free of pathology.

WEIGHT

20.8 pounds

Adrenal Glands

Bilateral symmetrical adrenal gland mildly prominent with uniformly hypoechoic parenchyma was present. The left adrenal gland measured 0.64 cm width at the caudal pole and 0.84 cm width at the cranial pole. The right adrenal gland exhibited mildly prominent size, homogenous parenchyma and mild asymmetrical capsule contour and measured 0.65 cm width at the caudal pole and 0.66 cm width at the cranial pole.

INTERPRETED BY

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

Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mildly expansive, mildly nonhomogeneous echogenic to regionally hyperechoic nodular parenchyma measuring 1.4 cm in diameter was observed at the cranial pole. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory or neoplastic changes were not noted. The echogenic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

Easton Animal Hospital

Liver

The liver presented mild to moderately 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. 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 with moderate dependent to mildly nondependent non organized hyperechoic luminal debris. No evidence of peripheral inflammation was observed. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Yazwinski

INVOICE

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Gastrointestinal

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.

DATE

03/03/2022



PATIENT

Tiger Fetzler

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.

SPECIES

Canine

Pancreas

The parenchyma of the right pancreatic limb was hyperechoic to adjacent omental fat with diffuse parenchyma remodeling. The capsule of the pancreas was mildly asymmetrical in contour without evidence of peripancreatic inflammation. These changes may suggest chronic inflammation, fibrosis, or saponification if previous history of pancreatitis. No overt signs of pancreatic neoplasia.

BREED

Pug X

Free Abdomen

No overt masses, lymphadenopathy or peritoneal effusion was present.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

13 years

- Mild age-related kidneys.
- Subjective prominent bilateral adrenal glands-consistent with PDH based on history.
- Mild to moderate hepatomegaly-subjectively benign.
- Moderate dependent to nondependent gallbladder debris-possible early gallbladder mucocele.
- Chronic pancreatitis/pancreatic fibrosis.

WEIGHT

20.8 pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The reported potbellied appearance of this patient may be owing to hepatomegaly without evidence of additional intraabdominal or visceral pathology. Continued Ursodiol recommended with periodic monitoring for evidence of increasing or progressive cholestasis.

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Given the lack of recent hepatic enzyme elevation or evidence of cholestasis, the gallbladder appears to be stable at this time.

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ARDMS/RVT

Baseline UPC may be considered give the mild proteinuria on recent urinalysis.

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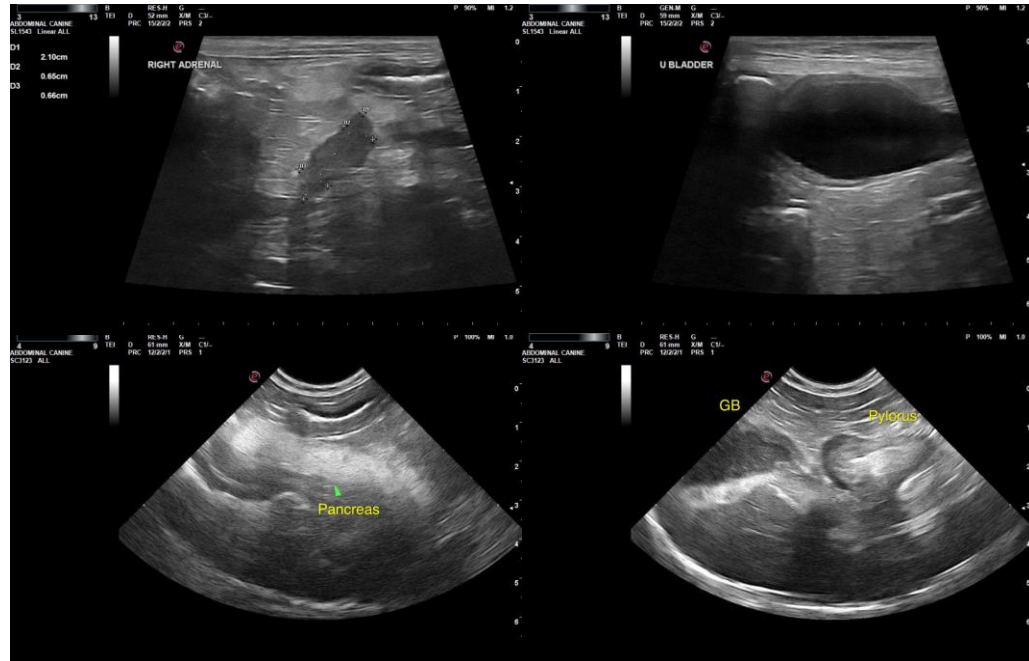
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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