

PATIENT

Fiona Lenahan

SPECIES

Canine

BREED

Rat Terrier

SEX

Female Spayed

AGE

9 years

WEIGHT

19.4 lbs

INTERPRETED BY

Jessica Midence, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Hillsdale AH

REFERRING VET

Dr. Kenneth Fischer

INVOICE

12589

DATE

3.30.23

PRESENTING CLINICAL SIGNS

History: Patient presents for distended abdomen. Pot-bellied appearance, thin to no hair on abdomen.

Abnormal PE/Chem/CBC/UA Results: ALT 266, SAP 441, GGTP 16, triglycerides 483 (not fasted), PLTs 581. U/A: 3+ proteinuria, UPC 1.0, USG: 1.037.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder mucosa, trigone, and visible urethra are normal in thickness and there is no evidence of mucosal irregularities. The bladder lumen is mildly distended with anechoic urine and bladder thickness is considered normal for volume of urine.

The left kidney is small in size, shape and architecture with smooth peripheral margins and measures 3.85 cm. There is normal corticomedullary distinction and normal echogenicity. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

The right kidney is normal in size, shape and architecture with smooth peripheral margins and measures 4.47 cm. There is normal corticomedullary distinction and normal echogenicity. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

Adrenal Glands

The left adrenal gland is enlarged (cranial pole 0.70 cm / caudal pole 0.72 cm). The left adrenal gland has normal in shape and is normal in appearance and echogenicity.

The right adrenal gland is enlarged (cranial pole 0.50 cm / caudal pole 0.73 cm). The left adrenal gland has normal in shape and is normal in appearance and echogenicity.

Spleen

The splenic echotexture is homogeneous with parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule is smooth with no irregularities. The splenic vasculature is normal without signs of congestion or thrombosis.

Liver

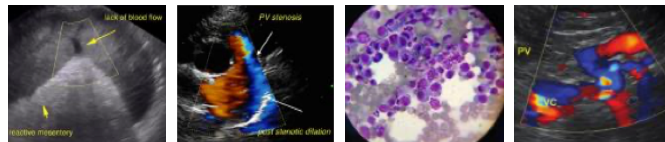
The liver is subjectively mildly enlarged with normal contours, structure, and smooth peripheral margins. The echogenicity is mildly hyperechoic with normal portal markings (the echogenicity is still hypoechoic to the spleen, but it is almost isoechoic to the renal cortex). No overt evidence of inflammatory, infiltrative or regenerative pathology is evident. The visible portions of the vasculature and biliary tract appear normal. No pathological hepatic lymphadenopathy observed.

The gallbladder lumen is mildly distended. The wall is a normal thickness and smooth. Luminal contents are anechoic, although there is a collection of echogenic debris in the neck of the gall bladder. The cystic and common bile ducts are normal/not visible.

Gastrointestinal Tract

The gastric lumen is mostly empty (although there is a very small amount of ingesta). The stomach wall is of normal wall thickness with some variability due to rugal folds. There is normal gastric wall layering. There are no masses or focal lesions observed and the pyloric outflow tract appears normal.

The visualized areas of duodenum, jejunum and ileum appear normal in thickness. The duodenum is normal with distinct wall layering. The remainder of the small intestines are normal with normal wall



PATIENT

Fiona Lenahan

layering. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. No focal lesions observed.

SPECIES

Canine

The sections of colon are visualized with formed fecal material and gas shadowing distally. 265

Pancreas

The area of the right pancreas is diffusely hyperechoic and slightly mottled (1.30 cm thick). The surrounding mesentery is normal. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid. The visible pancreatic duct was normal.

BREED

Rat Terrier

Peritoneum

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The omentum is of normal uniform echogenicity.

SEX

Female Spayed

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Bilateral adrenomegaly
- Mildly hyperechoic hepatomegaly
- Fibro fatty change to the pancreas

AGE

9 years

WEIGHT

19.4 lbs

Secondary Findings

- Gall bladder sludge

INTERPRETED BY

Jessica Midence, DVM,
DACVIM (SAIM)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The adrenal glands are enlarged and plump, and given the history provided, adrenal gland hyperfunction is suspected (versus chronic physiologic stress). Consider adrenal gland testing (e.g., low-dose dexamethasone suppression test, ACTH stimulation test or UCCR (if the patient does not have symptoms of hyperadrenocorticism).

IMAGING PERFORMED BY

Kelly Vazquez

The changes to the pancreas are suspected to represent fibro fatty changes, perhaps from prior pancreatitis (versus variation of normal). Consider Ursodiol therapy (if not contraindicated in this patient).

HOSPITAL NAME

Hillsdale AH

REFERRING VET

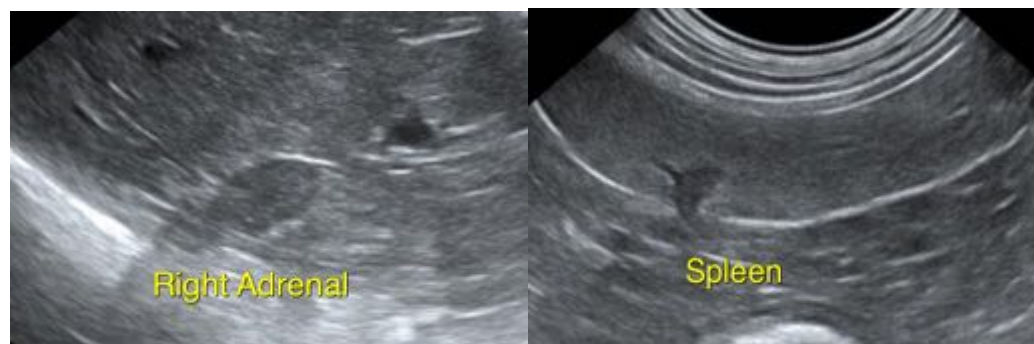
Dr. Kenneth Fischer

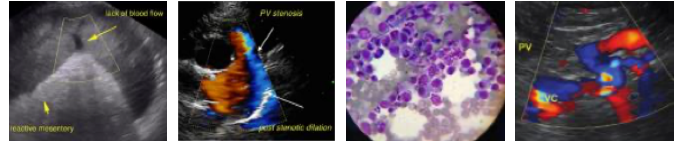
INVOICE

12589

DATE

3.30.23





PATIENT

Fiona Lenahan

SPECIES

Canine

BREED

Rat Terrier

SEX

Female Spayed

AGE

9 years

WEIGHT

19.4 lbs

INTERPRETED BY

Jessica Midence, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

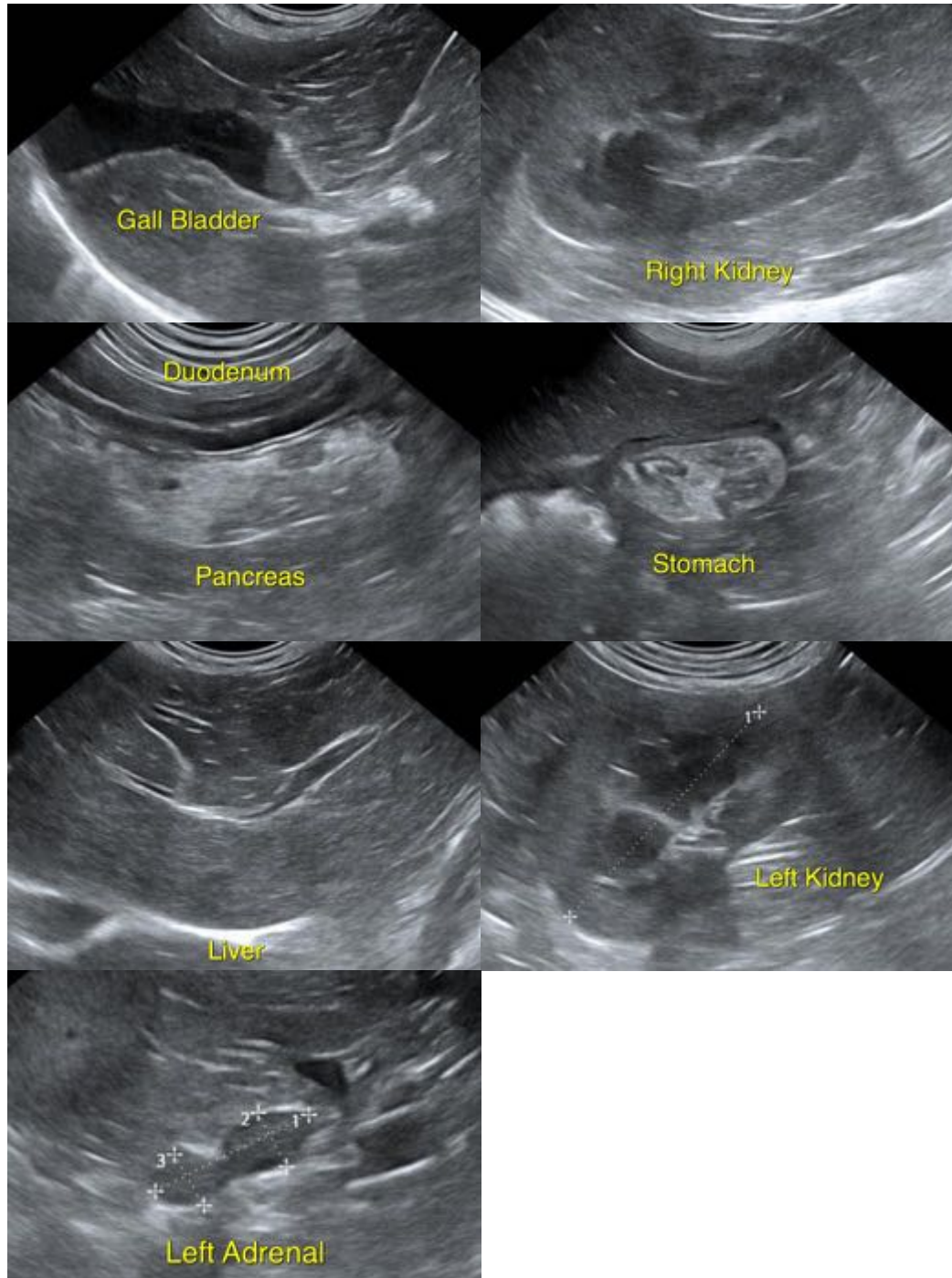
Kelly Vazquez

HOSPITAL NAME

Hillsdale AH

REFERRING VET

Dr. Kenneth Fischer



INVOICE

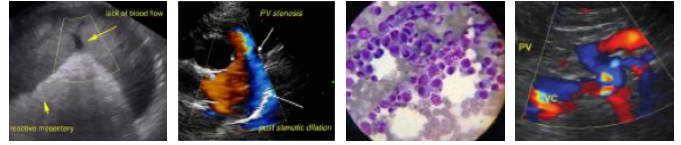
12589

DATE

3.30.23

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.



PATIENT

Fiona Lenahan
Jessica Midence, DVM, DACVIM (SAIM)
info@SonoPath.com

SPECIES

Canine

BREED

Rat Terrier

SEX

Female Spayed

AGE

9 years

WEIGHT

19.4 lbs

INTERPRETED BY

Jessica Midence, DVM,
DACVIM (SAIM)

**IMAGING
PERFORMED BY**

Kelly Vazquez

HOSPITAL NAME

Hillsdale AH

REFERRING VET

Dr. Kenneth Fischer

INVOICE

12589

DATE

3.30.23