



PATIENT

Sammy Minicozzi

SPECIES

Canine

BREED

Silky Terrier

SEX

Neutered Male

AGE

7 Years

WEIGHT

21 Pounds

INTERPRETED BY

Jessica Midence, DVM,
DACVIM (SAIM)

**IMAGING
PERFORMED BY**

Shari Reffi, CVT

HOSPITAL NAME

VCA Blirstown AH

REFERRING VET

Dr. Clegg

INVOICE

21664

DATE

3/17/23

PRESENTING CLINICAL SIGNS

History: Chronic pancreatitis, unregulated diabetes. Current meds: Vetsulin 7u.

Abnormal PE/Chem/CBC/UA Results: Mildly elevated alt/alp, sl. ketones

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 moderately distended with anechoic urine and bladder thickness is considered normal for volume of urine. No masses, inflammatory changes or calculi are observed.

The prostate measures appropriate (0.78 cm) for the neutered status of the dog. The parenchyma appears homogenous.

The left kidney is normal in size, shape and architecture with smooth peripheral margins and measures 5.3 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 5.4 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 normal in size, measuring 0.61 cm at the caudal pole and 0.37 cm at the cranial pole. The left adrenal gland has normal shape and it is normal in appearance and echogenicity.

The right adrenal gland is enlarged cranially. The caudal pole of the right adrenal gland measures 0.6 cm. The cranial pole measures 0.83 cm. The cranial pole also has a rounded bulbous appearance.

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 moderately enlarged with rounded contours and normal structure with smooth peripheral markings. The echogenicity is hyperechoic with decreased portal markings. 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 fat and tissue within the portohepatis is hyperechoic.

The gallbladder lumen is non-distended. The wall is a normal thickness and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not visible.

Gastrointestinal

The gastric lumen is empty. 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.



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The visualized areas of duodenum, jejunum and ileum measured normal in thickness. Although all loops of intestines measured within a normal range, there is the general impression of hypoechoic thickened mucosa of most loops of bowel. The wall layering in all loops evaluated was distinct. Within the jejunum, there are several loops of bowel with large amounts of ingesta. No focal lesions are observed.

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The sections of colon are visualized with formed fecal material and gas shadowing distally. The colon measures normal. There is no observed focal or generalized colon wall thickening or loss of layering.

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Pancreas

Silky Terrier

Both the left and the right pancreas are enlarged, measuring up to 2.5 cm at its thickest part. The pancreas is diffusely mildly hypoechoic with a mildly hyperechoic surrounding mesentery. The pancreatic vein is visible.

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Free Abdomen

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

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ULTRASONOGRAPHIC FINDINGS

WEIGHT

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- Moderately enlarged pancreas with mild inflammation
- Endocrine hepatopathy
- Bulbous right adrenal gland
- Acute vs reactive gastroenteritis

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient has evidence of mild pancreatitis. Although the pancreas is quite enlarged, it is not severely inflamed. The enlargement is consistent with prior bouts of pancreatitis. Consider ongoing supportive care for nausea, appetite, and a low-fat diet could also be considered. There are also changes to the intestine consistent with acute mild gastroenteritis. Within the jejunum there are several loops of bowel with large amounts of ingesta. If the patient was not fasted, this could be normal. If the patient was fasted for the ultrasound, this would be consistent with gastroenteritis. If there is a chronic component to any gastrointestinal signs, consider a GI panel.

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The liver is enlarged and bright, both consistent with an endocrine hepatopathy such as diabetes or hyperadrenocorticism.

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The right adrenal gland measures enlarged at the cranial pole, which does have a more bulbous appearance. When the patient is feeling clinically well, a workup for hyperadrenocorticism should be considered (e.g., LDDST, ACTH stim test) to evaluate for insulin resistance.

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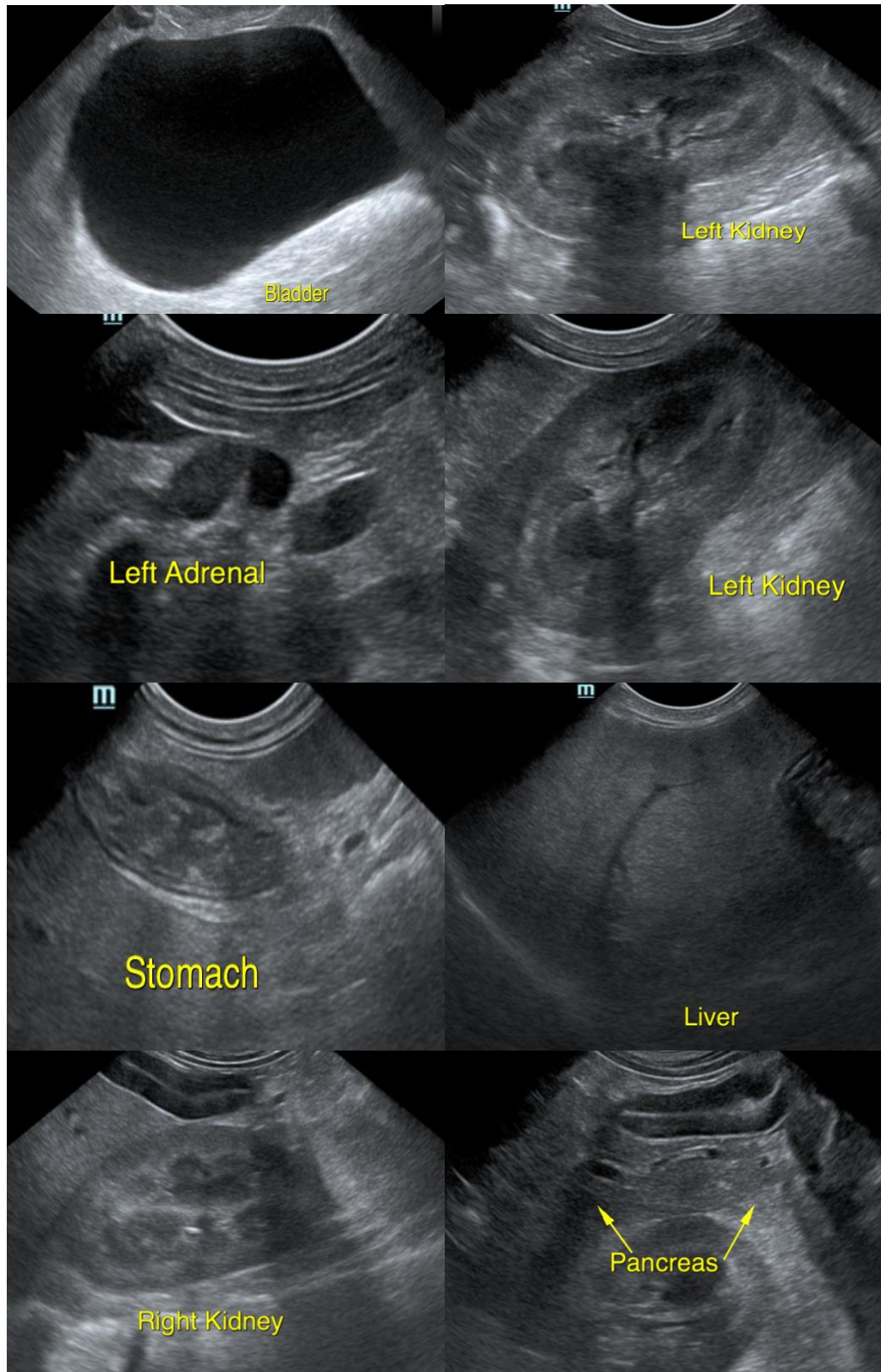
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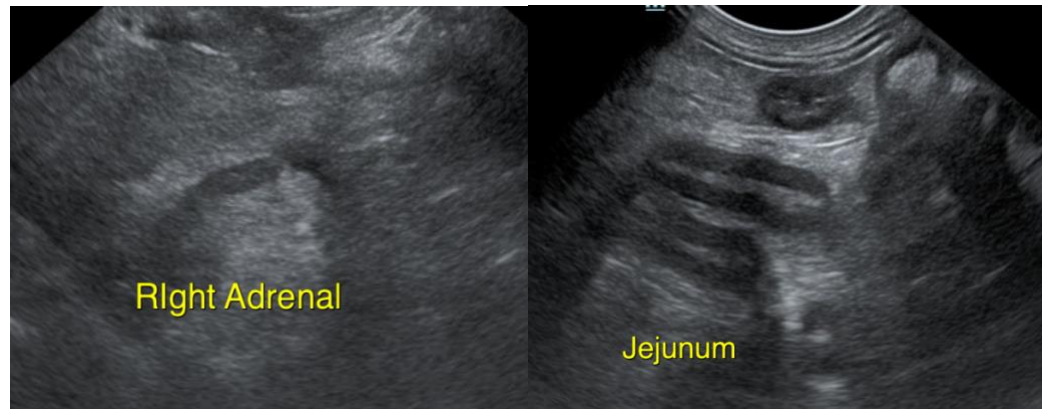
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Jessica Midence, DVM, DACVIM (SAIM)

info@SonoPath.com