



PATIENT PRESENTING CLINICAL SIGNS

Tiger Abrea Vomiting frequently, Weight loss. Decreased appetite - improved with supportive care, now eating well

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: SDMA 67, Creat 5.8, BUN 139, phos 13, USG 1.015

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

DSH

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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

MN

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Moderate loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. Bilateral mild pyelectasia was present. The left kidney measured 4.3 cm in length. The right kidney measured 4.6 cm in length.

AGE

13yr

The area of the aortic trifurcation was free of pathology.

WEIGHT

5lb

Adrenal Glands

The bilateral adrenal glands were normal in size and contour. Pinpoint areas of mineralization were present in the right adrenal gland without capsular distortion or overt tumors. This is an age-related finding and not pathological. The left adrenal gland measured 0.44 width and the right adrenal gland measured 0.48 width.

INTERPRETED BY

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

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted. The spleen measured 0.71 cm in width at the level of the hilus.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Anchor Animal Hospital

Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

REFERRING VET

Dr. Lavin

The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

11393ag

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. The gastric body wall measured 0.25 cm in width.

DATE

08/18/2022



PATIENT Tiger Abrea
 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. The duodenum wall measured 0.29 cm in width. The jejunum wall measured 0.23 cm in width.

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

BREED DSH
Free Abdomen
 The pancreas was mildly prominent in size with areas of mild capsule asymmetry and uniform hypoechoic parenchyma compared to adjacent omental fat. Moderate pancreatic duct dilation was present measuring 0.33 cm in diameter.

SEX MN
 No omental masses or peritoneal effusion was present.

AGE 13yr
 Focal, mildly prominent to enlarged mesenteric nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example measured 0.61 cm in diameter.

- ULTRASONOGRAPHIC FINDINGS**
- Bilateral chronic nephropathy with minor pyelectasia
 - Chronic to chronic active pancreatitis pattern
 - Overtly normal GI tract
 - Multiple mildly prominent subjectively benign/reactive mesenteric lymph nodes
 - Secondary: Pinpoint right adrenal mineralization-normal age-related finding in a cat

INTERPRETED BY R. McKenzie Daniel, DVM, DABVP (Canine and Feline)
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
 The appearance of the kidneys is consistent with chronic nephropathy with considerations including CRD, chronic interstitial nephritis or other. Possible emerging end stage CRD is possible given the degree of azotemia. CRD therapy as well as monitoring of systemic BP with IVF therapy as necessary may be indicated. Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

IMAGING PERFORMED BY Pamela Harrigan, RDCS
 A GI panel to include PLI/TLI/Cobalamin/Folate is recommended for correlation with the pancreatic presentation and to rule out occult intestinal disease as a contributing factor to weight loss. As needed GI support recommended.

HOSPITAL NAME Anchor Animal Hospital

REFERRING VET Dr. Lavin

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DATE 08/18/2022





PATIENT
 Tiger Abrea

SPECIES
 Feline

BREED
 DSH

SEX
 MN

AGE
 13yr

WEIGHT
 5lb

INTERPRETED BY
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 DABVP (Canine and Feline)

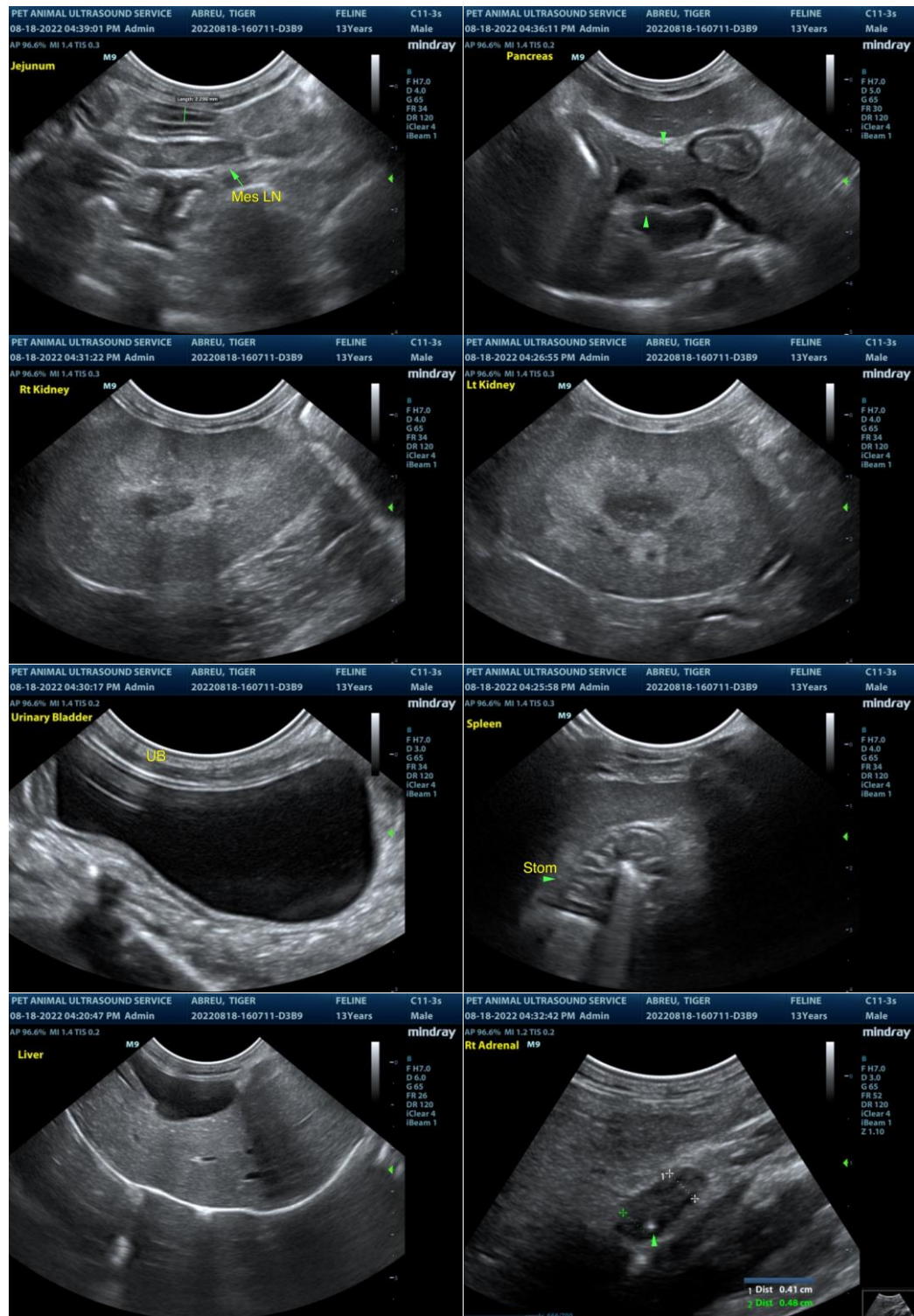
IMAGING PERFORMED BY
 Pamela Harrigan, RDCS

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 Hospital

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PATIENT

Tiger Abrea

SPECIES

Feline

BREED

DSH

SEX

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AGE

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 DABVP (Canine and Feline)

IMAGING PERFORMED BY

Pamela Harrigan, RDMS

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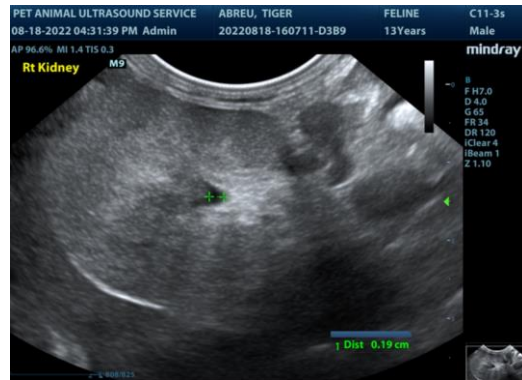
Dr. Lavin

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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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
 info@SonoPath.com