

PATIENT PRESENTING CLINICAL SIGNS

Betty Aro History: Has been a shop cat for a few months, unknown age or history. Thin BCS but normal appetite, attitude and stool. Heart murmur ausculted on exam and abnormal BNP. Remainder of screening labs wnl except dilute urine; suspect early chronic kidney disease. Undergoing treatment for suspected herpes conjunctivitis

SPECIES

Feline

Current Medications: famciclovir and ofloxacin, revolution.

BREED

DSH

Lab Results: fecal negative, fel/fiv/hwt: negative, chem/cbc/t4/ua: USG 1.015, crea 1.5, BUN 40, T4 2.2.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

SEX

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Female Spayed

Urinary System

The urinary bladder, trigone, and pelvic urethra are normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended. A small amount of suspended echogenic debris is observed within the lumen. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

AGE

1-11-2010

The left kidney is normal in size (3.90 cm in length); with a slightly irregular shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths or hydroureter. Renal vasculature is normal.

WEIGHT

10.75 Lbs.

The right kidney is normal size (4.04 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Andrea Nicastro,
DMV, Diplomate
DACVIM (Small Animal
Internal Medicine)

Adrenal Glands

The left adrenal gland is normal size (0.31 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

Stephanie Pearce
RDMS, RVT.

The right adrenal gland is normal size (0.50 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

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Center

Spleen

The spleen is normal in size (0.95 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

REFERRING VET

Dr. Notarangelo

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal.

INVOICE

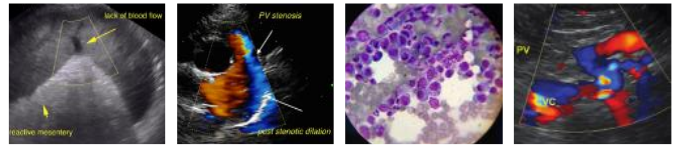
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Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering

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1/27/22



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pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

SPECIES

Feline

Pancreas

The left limb is visible with normal curvilinear peripheral contours. The parenchyma is largely isoechoic relative to surrounding omental fat and subtly mottled in appearance. No distinct focal lesions are observed. The pancreatic duct is not overtly dilated.

BREED

DSH

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

SEX

Female Spayed

Primary Findings

- Mild degenerative renal changes
- Minor age-related pancreatic remodeling

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Consider transitioning the patient to a prescription renal diet. Serial monitoring (i.e., every 3-6 months), of the patient's renal values is recommended to assess for progression. Consider a baseline blood pressure measurement to assess for systemic hypertension, if not already performed. Other considerations include a urine culture and sensitivity and UPC (if proteinuria is present).

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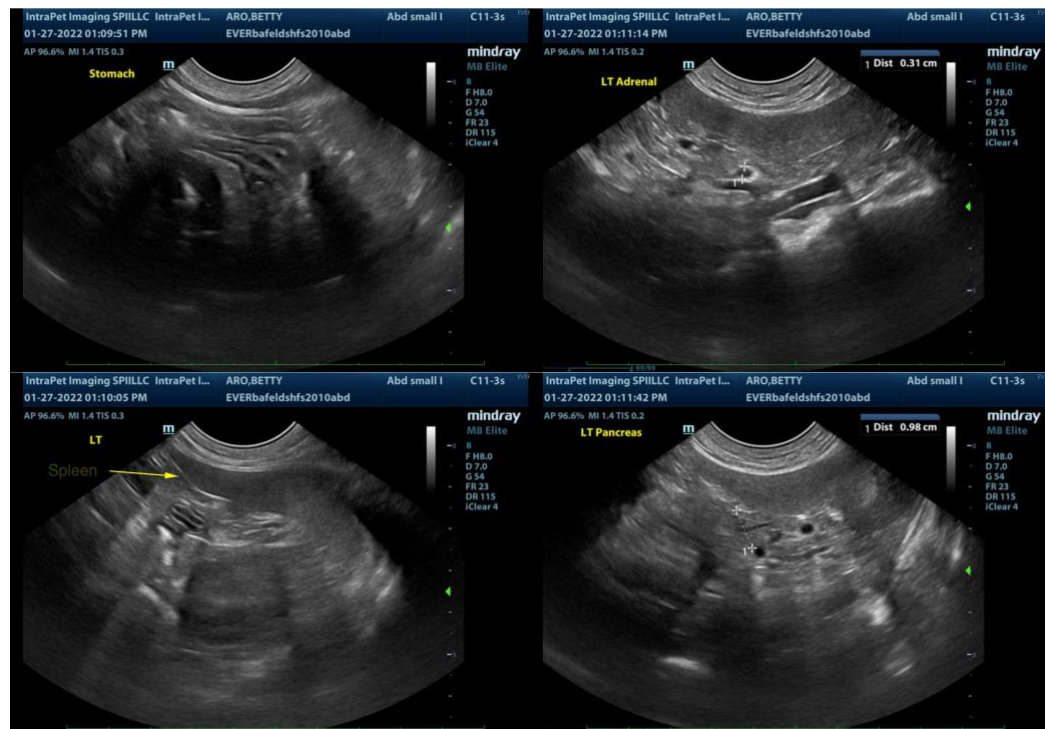
Dr. Notarangelo

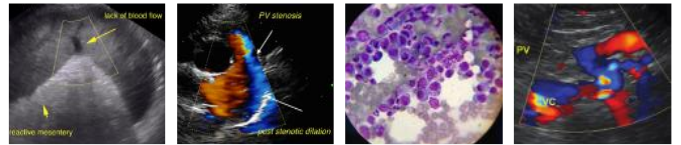
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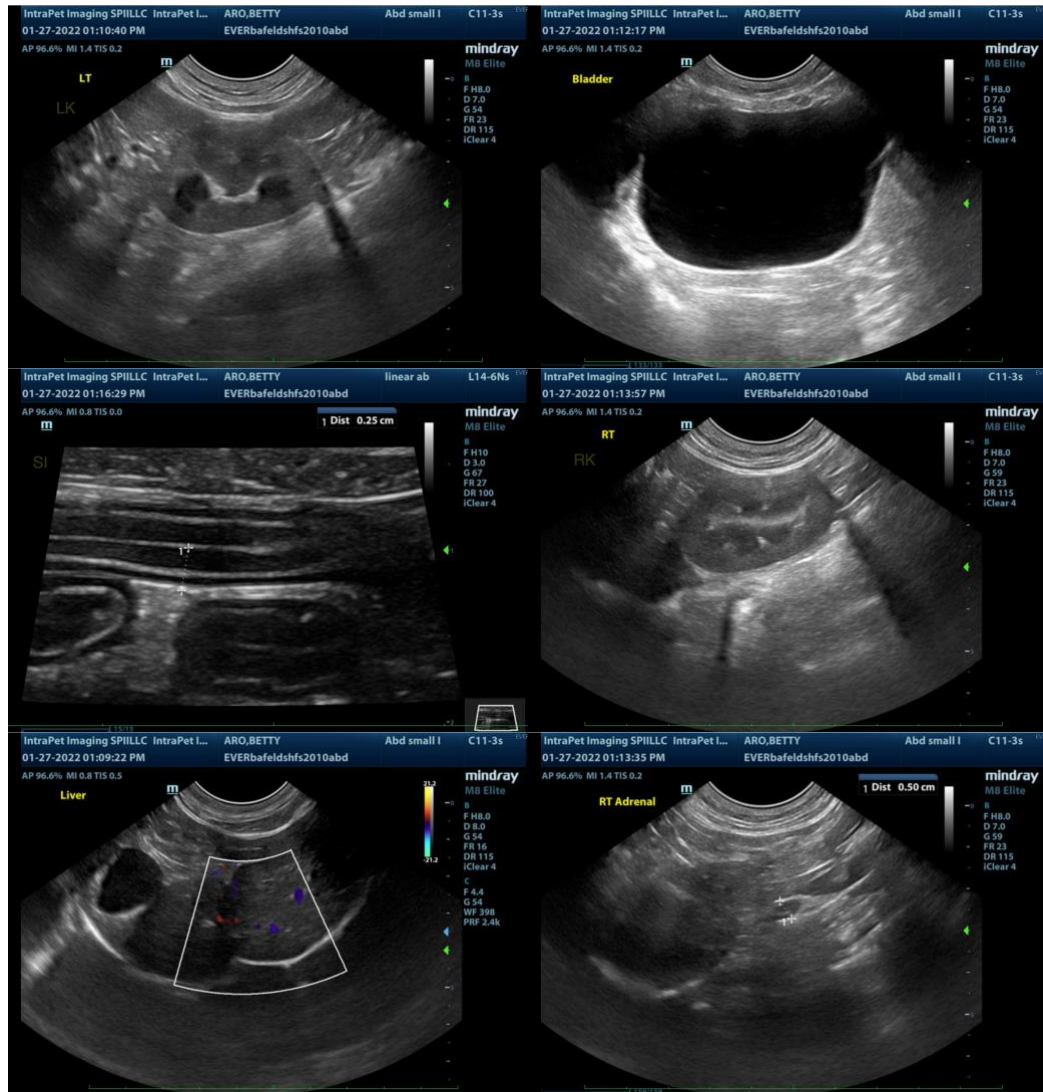
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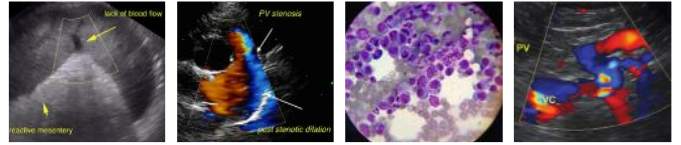
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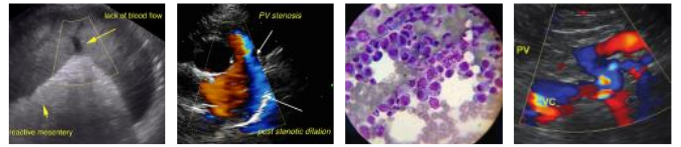
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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info@SonoPath.com