

PATIENT

Scout Kelly

SPECIES

Canine

BREED

Boxer Mix

SEX

Spayed Female

AGE

1.1.2009

WEIGHT

34.10 kg

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Blue Pearl Vet

REFERRING VET

Dr. Michelle Wall

INVOICE

11331

DATE

8.4.22

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: history of multiple low grade MCT

Current Medications: Incurin 1mg 2 tab SID PHylox substitute SID fish oil joint treats

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** is mildly to moderately distended with anechoic urine. The wall in the region of the apex is thickened (up to 0.68 cm) with an irregular mucosal surface. The wall tapers to a normal thickness as it extends toward the cystourethral junction. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

The **left kidney** is normal size (7.14 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 hydronephrosis. Renal vasculature is normal.

The **right kidney** is normal size (8.04 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 hydronephrosis. Renal vasculature is normal.

Adrenal Glands

The **left adrenal gland** is normal size (0.84 cm at cranial pole) (0.74 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The **right adrenal gland** is normal size (1.20 cm at cranial pole) (0.58 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The **spleen** is subjectively normal in size (3.01 cm in width at the level of the hilus) with a normal capsular contour. The parenchyma is subtly mottled in appearance. A few, small ill-defined myelolipomas are observed in the region of the hilus. Splenic vasculature is normal.

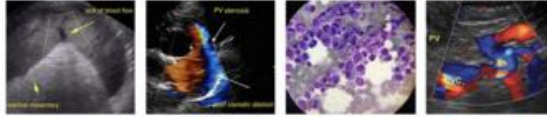
Liver

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 portal vein to caudal vena cava ratio is approximately 1: 1.

The **gall bladder** lumen is moderately distended. The wall is thin and smooth. A small amount of gravity dependent, echogenic debris and mineralized sand is observed within the lumen. The cystic and common bile ducts are normal/not seen.

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 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



PATIENT

Scout Kelly

detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

SPECIES

Canine

Pancreas

The region of the **pancreas** is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

BREED

Boxer Mix

Free Abdomen

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

SEX

Spayed Female

Other

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

ULTRASONOGRAPHIC FINDINGS

AGE

1.1.2009

Primary Findings

- The splenic parenchymal changes are most consistent with a benign process such as lymphoid hyperplasia, extramedullary hematopoiesis, splenitis or antigenic stimulation with a low possibility of infiltrative neoplasia (i.e., lymphoma, mast cell neoplasia). Changes are similar to the previous sonogram.
- The urinary bladder wall changes are suggestive of cystitis. Correlation with the patient's clinical history is recommended.

WEIGHT

34.10 kg

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

Secondary Findings

- Minor, bilateral age-related renal changes

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

A fine-needle aspirate of the spleen can be considered if clotting status is appropriate but may be of low yield. Continued sonographic monitoring (i.e., every 4-6 months) of the patient's spleen is recommended to assess for changes.

HOSPITAL NAME

Blue Pearl Vet

Given the urinary bladder wall changes, a urinalysis +/- culture and sensitivity may be warranted.

REFERRING VET

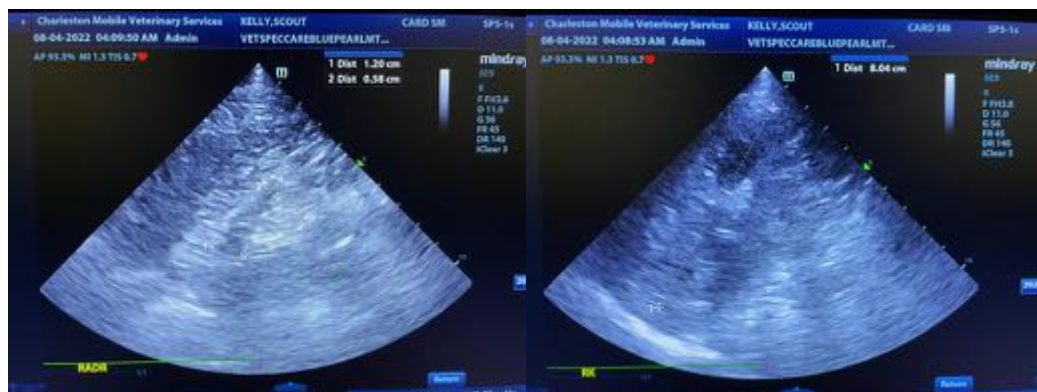
Dr. Michelle Wall

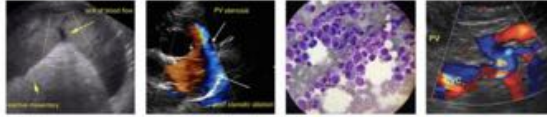
INVOICE

11331

DATE

8.4.22





PATIENT

Scout Kelly

SPECIES

Canine

BREED

Boxer Mix

SEX

Spayed Female

AGE

1.1.2009

WEIGHT

34.10 kg

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal Medicine)

HOSPITAL NAME

Blue Pearl Vet

REFERRING VET

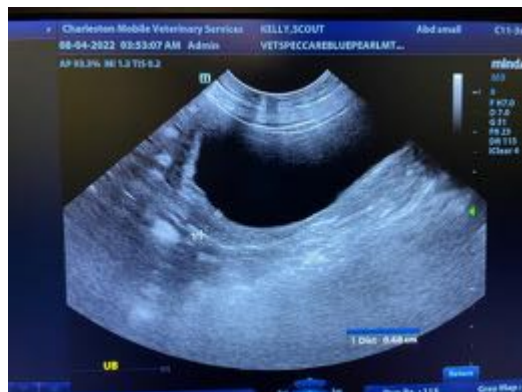
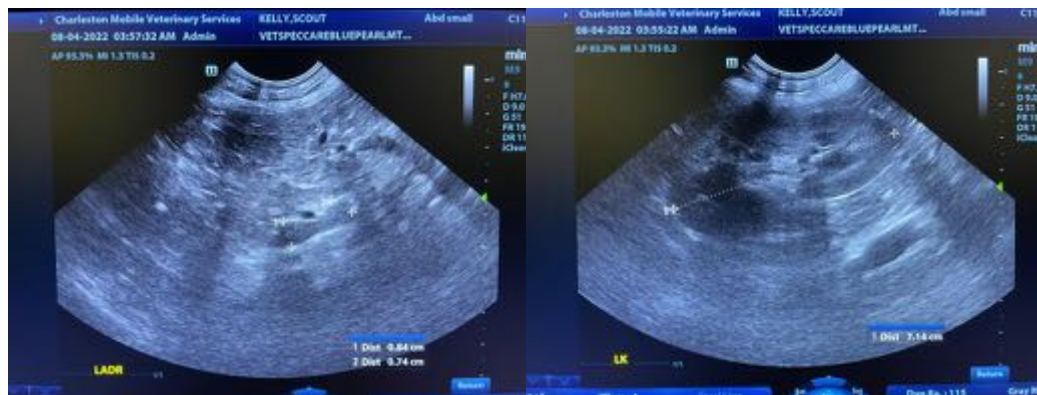
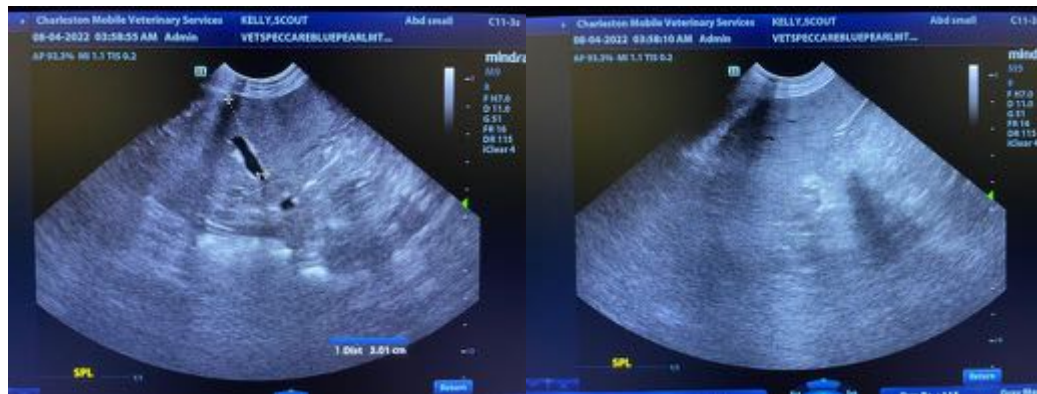
Dr. Michelle Wall

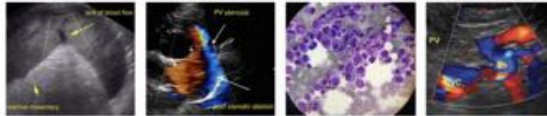
INVOICE

11331

DATE

8.4.22





PATIENT

Scout Kelly

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.

SPECIES

Canine

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.

BREED

Boxer Mix

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com

SEX

Spayed Female

AGE

1.1.2009

WEIGHT

34.10 kg

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate ACVIM
(Small Animal Internal
Medicine)

HOSPITAL NAME

Blue Pearl Vet

REFERRING VET

Dr. Michelle Wall

INVOICE

11331

DATE

8.4.22