



**PATIENT**

Arnie Scheller

**PRESENTING CLINICAL SIGNS**

labored breathing, pacing; O came in for euthanasia consult elected AUS for general screening since BW relatively unspecific

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Chem today see below, otherwise wnl ALKP = 678 U/L 23 - 212 AMYL = 1757 U/L 500 - 1500 Chloride = 102 mmol/L 109 - 122

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

Cocker Mix

**Urinary System**

The urinary bladder presented uniformly thickened urinary bladder wall isoechoic to the adjacent normal urinary bladder wall. The luminal margin of the thickened urinary bladder wall was mildly asymmetrical in contour. Apical urinary bladder wall thickness measured 0.57 cm. Mineralization or echogenic foci within the thickened areas of urinary bladder wall was not present. The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal 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.

**SEX**

MN

**AGE**

15yr

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild to moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Left kidney pyelectasia and focal cortical cyst was present. The left kidney measured 4.4 cm in length. The right kidney measured 4.8 cm in length.

**WEIGHT**

19lb

The area of the aortic trifurcation was free of pathology.

**INTERPRETED BY**

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

The area of the residual prostate appeared normal and free of pathology.

**Adrenal Glands**

The bilateral adrenal glands were overtly normal in size, position and shape. The left adrenal gland measured 0.51 cm width at the caudal pole. The right adrenal gland measured 0.67 cm width at the caudal pole.

**IMAGING PERFORMED BY**

Christina Sitton

**Spleen**

A small mildly expansive non-homogenous hypoechoic splenic mass measuring 2.5 cm in diameter with subtle associated distortion of the capsule was present. No evidence of capsular escape. The remainder of the spleen was sonographically unremarkable.

**HOSPITAL NAME**

Sherwood Family Pet  
Clinic

**Liver/Gallbladder**

The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion.

**REFERRING VET**

Robert Merrill

**INVOICE**

14182ag

The gallbladder was non-distended in size with mild to moderate non-dependent mildly inspissated sediment. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.

**DATE**

06/22/2023

**Gastrointestinal**



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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.

## SPECIES

Canine

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.

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

## Pancreas

## BREED

Cocker Mix

The pancreas base and right pancreatic limb exhibited mild prominent size and asymmetrical contour. Mild non-homogenous hypoechoic parenchyma was present.

## Free Abdomen

## SEX

MN

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

Transdiaphragmatic view of the caudal thorax revealed subjective moderately sized mixed echogenic mass lesion measuring ~ 6.0 cm in diameter. Concurrent mild volume caudal pleural effusion was present.

## AGE

15yr

## ULTRASONOGRAPHIC FINDINGS

## WEIGHT

19lb

- Mild cystitis pattern.
- Mild to moderate chronic renal changes.
- Small splenic mass-hyperplasia, hematopoiesis, focal splenitis, granuloma, neoplasia or other all potentials.
- Vacuolar hepatopathy pattern-subjectively benign.
- Gallbladder debris (non-mucocele)
- Prominent non-homogenous/hypoechoic pancreas base/right pancreatic limb.
- Caudal thoracic mass with mild volume pleural effusion.

## INTERPRETED BY

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

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Three view chest radiographs are recommended if not done to assess for occult thoracic pathology. Assuming normal clotting status and using a 25g needle, a splenic mass FNA for screening cytology is warranted for further assessment.

## IMAGING PERFORMED BY

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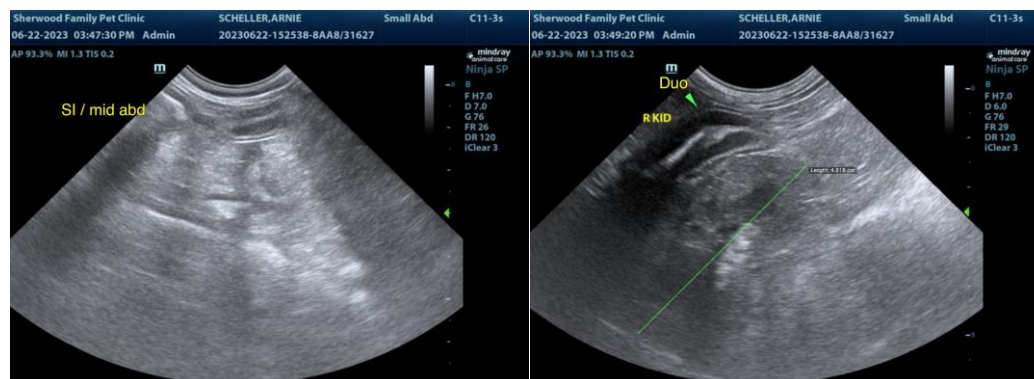
Robert Merrill

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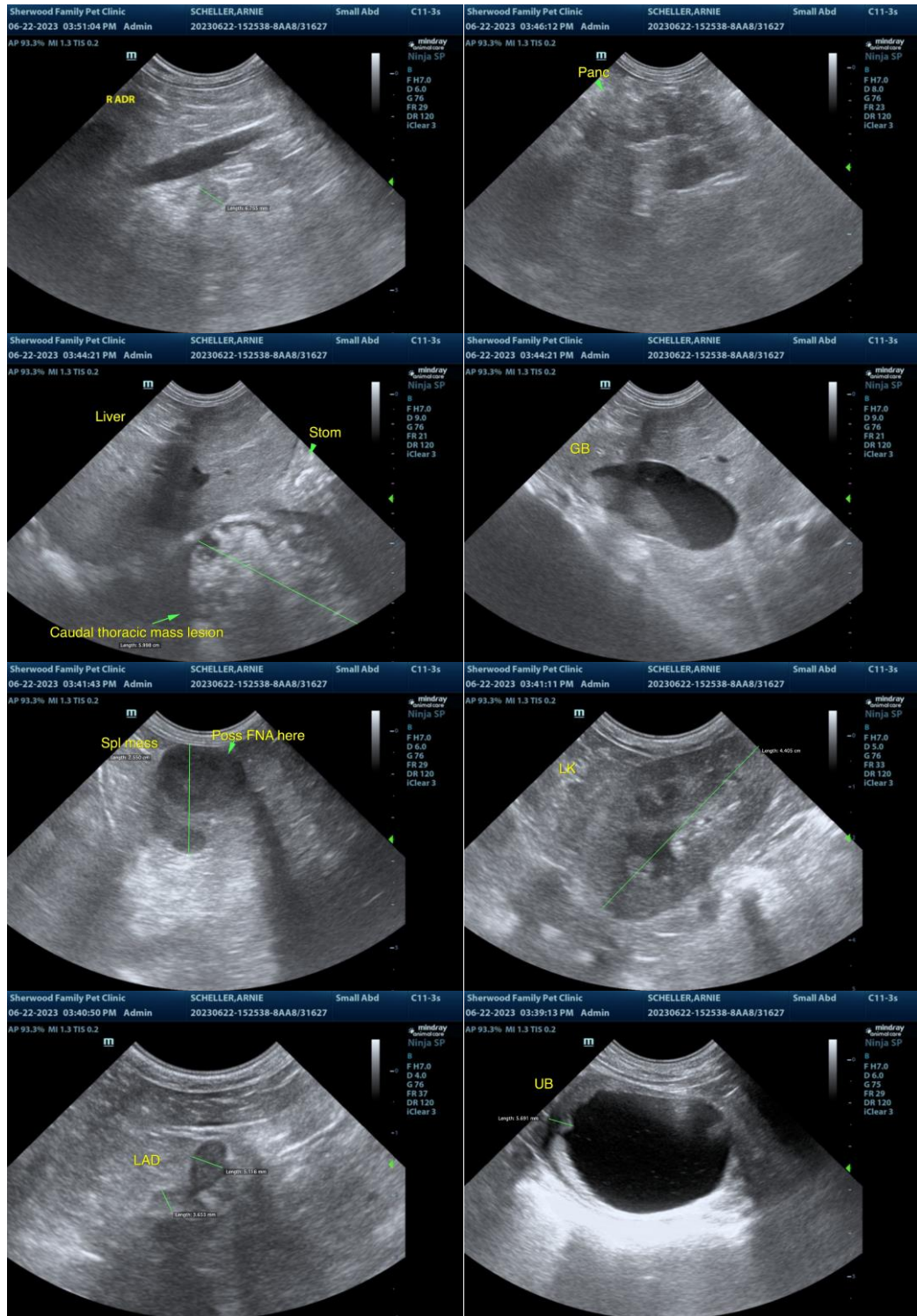
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



**PATIENT**

can be of any further assistance, please contact me.

Arnie Scheller

**SPECIES**

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**AGE**

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