



PATIENT

Sable Allgood

PRESENTING CLINICAL SIGNS

SPECIES

Canine

Sable is coming in for ultrasound today. It is a recheck after her ultrasound in January Blood panel in April ALT WNL, ALKP=359. Sl. elevated PSL (consistent w/ previous labs). Also sl. elevated Monos (=957) Ultrasound in January revealed mild improvement, though persistent inflammation present gall bladder, pancreas and liver. Recommendations to continue Denamarin and Ursodiol. Pt has been on Denamarin and ursodiol daily.

BREED

Pomeranian

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Spayed Female

The urinary bladder was normal in size and tone with anechoic urine. No sediment or calculi. Primarily unremarkable urinary bladder walls with persistent yet subjectively stasis mural hypertrophy noted in the area of the cystourethral junction measuring 0.38 cm in width. The urethra was normal to a depth of 2.0 cm. No evidence of mineralization associated with the area of cystourethral junction mural hypertrophy.

AGE

13 Years

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. Mildly non-uniform cortex echogenicity noted with multifocal pinpoint areas of corticomedullary mineralization and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.7 cm. The right kidney measured 4.1 cm.

WEIGHT

12.4 Pounds

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.4 cm at the cranial pole and 0.45 cm at the caudal pole. The right adrenal gland measured 0.51 cm at the cranial pole and 0.46 cm at the caudal pole.

IMAGING BY

Spleen

Loetitia Saint-Jacques,
LVT

The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.

HOSPITAL NAME

Brighton Greens VH

REFERRING VET

Dr. Robin Janeway

Liver

The liver was mildly enlarged. 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. The gallbladder was non-distended in size with persistent yet subjectively improved non-dependent, mildly congealed yet non-organized, echogenic luminal debris. Partial anechoic to hypoechoic

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24939

DATE

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PATIENT

Sable Allgood border noted between the non-dependent debris and inner luminal walls, suggestive of concurrent mucus. No evidence of gallbladder wall inflammation or peripheral gallbladder inflammation. The common bile duct was normal.

SPECIES

Canine

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.

BREED

Pomeranian

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.

SEX

Spayed Female

Pancreas

The pancreas base and right pancreatic limb were mildly echogenic to non-uniform with evidence of parenchyma remodeling. The capsule of the pancreas was mildly asymmetrical in contour without evidence of peripancreatic inflammation. These changes may suggest chronic inflammation, fibrosis, or saponification if previous history of pancreatitis. No overt signs of pancreatic neoplasia.

AGE

13 Years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

12.4 Pounds

ULTRASONOGRAPHIC FINDINGS

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING BY

Loetitia Saint-Jacques,
LVT

- Persistent yet static mild cystourethral junction mural hypertrophy
- Bilateral chronic renal changes with pinpoint corticomedullary mineral and small cortical cysts
- Hepatopathy – subjectively static, benign
- Improved yet persistent gallbladder debris and concurrent mucus – persistent non-inflamed partial gallbladder mucocele.
- Static echogenic pancreas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Brighton Greens VH

A screening or recheck BRAF assay may be considered. Continued hepatosupportive medications with periodic sonographic monitoring of the gallbladder and area of cystourethral junction thickening would be appropriate. Recommend continued monitoring for evidence of stranguria/dysuria or evidence of increasing cholestasis.

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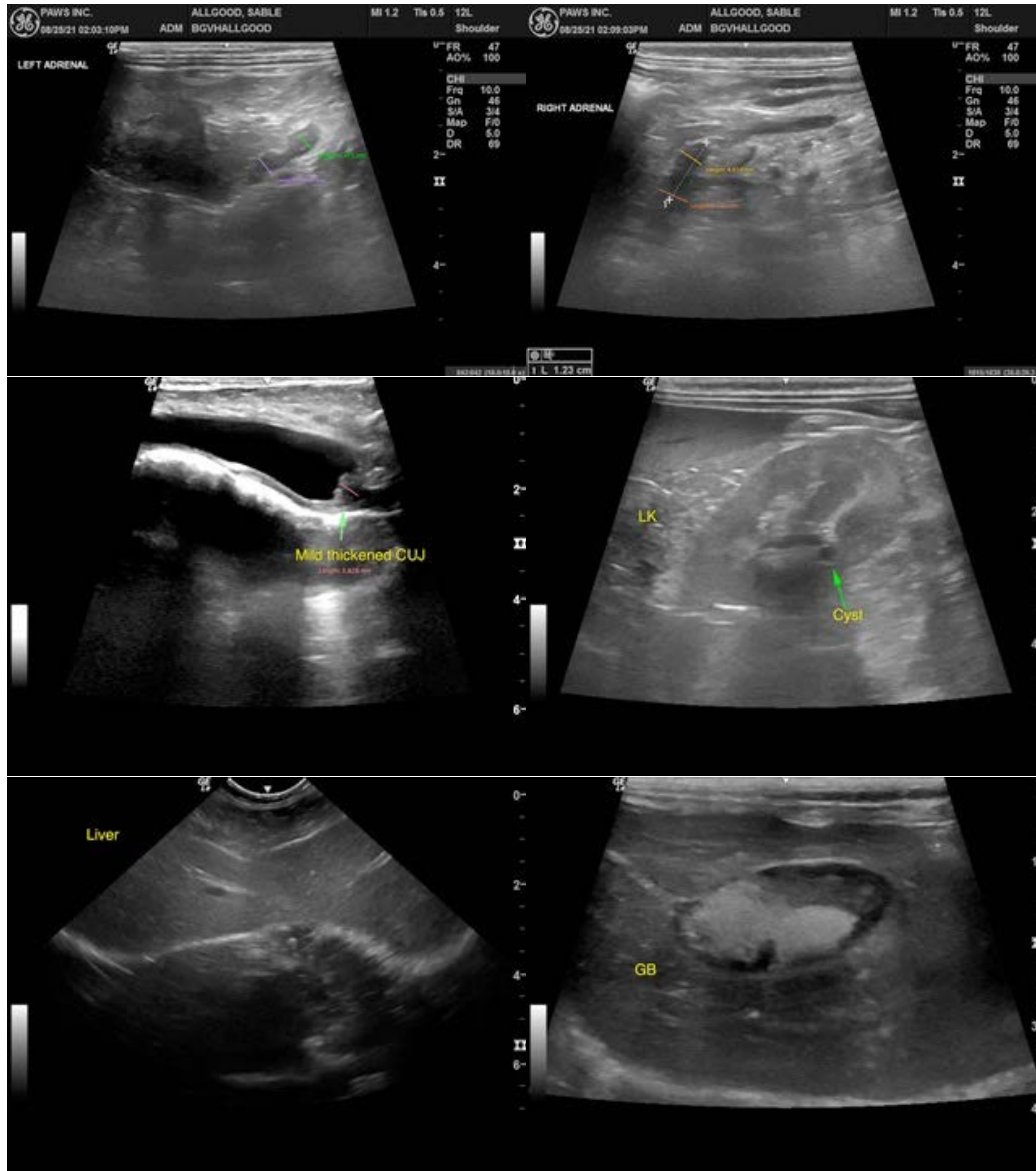
Dr. Robin Janeway

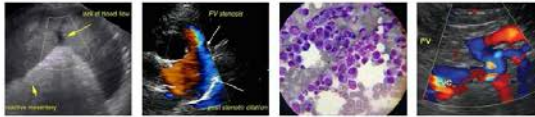
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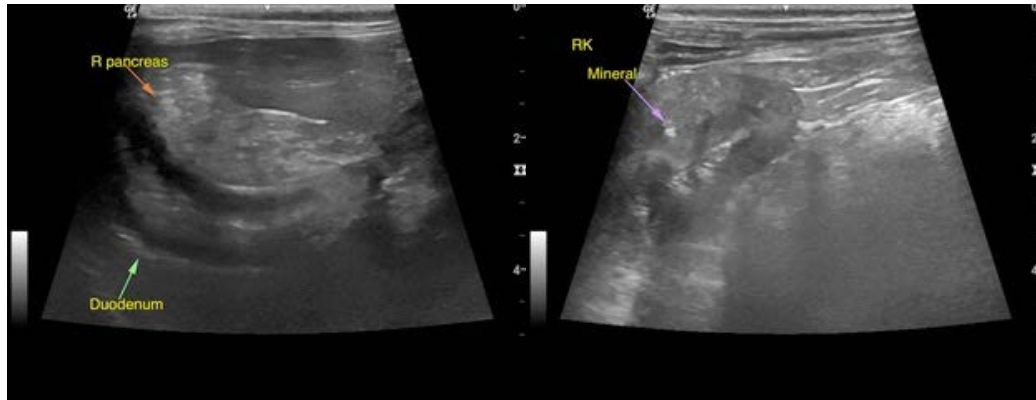
Sable Allgood

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SEX

Spayed Female

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.

AGE

13 Years

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.

WEIGHT

12.4 Pounds

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