



PATIENT

Koba Brennan

SPECIES

Canine

BREED

Cattle Dog Mix

SEX

Neutered male

AGE

8 years

WEIGHT

39 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Grace Jayne CVT

HOSPITAL NAME

Ark Animal Homecare

REFERRING VET

Dr. Penraat

INVOICE

77774

DATE

5/20/26

PRESENTING CLINICAL SIGNS

History: Weight loss, decreased activity, decreased appetite, urinating and defecating in the house. The owner is concerned about depression related to him being stressed with small children in the house.
Abnormal PE/Chem/CBC/UA Results: Depressed. Labs pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder lumen is normally distended, and the urinary bladder wall appears thin and smooth. The urine is anechoic. Normal appearance of the bladder neck and proximal urethra. There are no calculi and no evidence of inflammatory or neoplastic changes.

The left kidney is normal in shape and size, measuring 5.21×3.10 cm, with cortical thickness measuring 0.53 cm in the sagittal plane. The right kidney is normal in shape and size, measuring 5.70×2.97 cm, with cortical thickness measuring 0.50 cm in the sagittal plane. The renal cortices are isoechoic relative to the liver parenchyma bilaterally. The corticomedullary ratio is normal and corticomedullary definition is preserved. No evidence of pyelectasia, nephrolithiasis, or hydronephrosis is identified.

Adrenal Glands

The left adrenal gland measures approximately 0.42 cm at the cranial pole and 0.41 cm at the caudal pole and remains within expected size limits. The right adrenal gland was not visualized during the current examination.

Spleen

Splenic thickness is 1.79 cm. The parenchyma demonstrates normal echogenicity and fine homogeneous echotexture without focal parenchymal abnormalities. The splenic capsule is smooth and regular.

Liver

The liver is subjectively normal in size, with sharp edges and a regular contour. The liver parenchyma looks uniform and isoechoic compared to the falciform fat, with a normal echotexture. No hepatic lymphadenopathy is observed.

The gallbladder is normally distended. The gallbladder wall is thin and smooth. A moderate amount of non-shadowing biliary sludge is present within the lumen. No dilation of the cystic duct or common bile duct is identified.



PATIENT

Koba Brennan

SPECIES

Canine

BREED

Cattle Dog Mix

SEX

Neutered male

AGE

8 years

WEIGHT

39 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Grace Jayne CVT

HOSPITAL NAME

Ark Animal Homecare

REFERRING VET

Dr. Penraat

INVOICE

77774

DATE

5/20/26

Gastrointestinal

The stomach contains a small amount of residual ingesta and demonstrates preserved wall layering. Gastric mural thickness measures approximately 1.73 mm. Duodenum: 2.01 mm. Jejunum: 2.44–2.50 mm with preserved wall layering.

No evidence of gastrointestinal obstruction, ileus, focal inflammatory mural change, or foreign material is identified within the evaluated gastrointestinal tract.

The colon measures approximately 0.79 mm in thickness and contains formed fecal material within the descending segment.

Pancreas

The evaluated pancreatic regions do not show evidence of overt inflammation or neoplastic disease.

Free Abdomen

No sonographic evidence of abdominal effusion, peritonitis, or lymphadenomegaly is identified. The iliac trifurcation is normal.

PRIMARY FINDINGS

- Moderate biliary sludge.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No convincing sonographic explanation for the patient's reported weight loss, decreased appetite, lethargy, or behavioral changes is identified during the current examination.

Moderate biliary sludge is present; however, in the absence of gallbladder wall thickening, biliary duct dilation, reactive hepatobiliary change, or additional hepatobiliary abnormalities, this finding is considered of doubtful independent clinical significance at this time and may represent incidental biliary stasis.

Although the current examination is overall reassuring, mild or early inflammatory, endocrine, metabolic, neurologic, behavioral, or systemic disease processes cannot be excluded based on ultrasound alone, particularly given the relatively nonspecific clinical presentation and pending laboratory results.

Recommendations

- Correlation with pending CBC, serum biochemistry, urinalysis, and any endocrine testing is recommended.
- Clinical monitoring of appetite, body weight, gastrointestinal signs, urinary habits, and behavioral changes is recommended.



PATIENT

Koba Brennan

SPECIES

Canine

BREED

Cattle Dog Mix

SEX

Neutered male

AGE

8 years

WEIGHT

39 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

**IMAGING
PERFORMED BY**

Grace Jayne CVT

HOSPITAL NAME

Ark Animal Homecare

REFERRING VET

Dr. Penraat

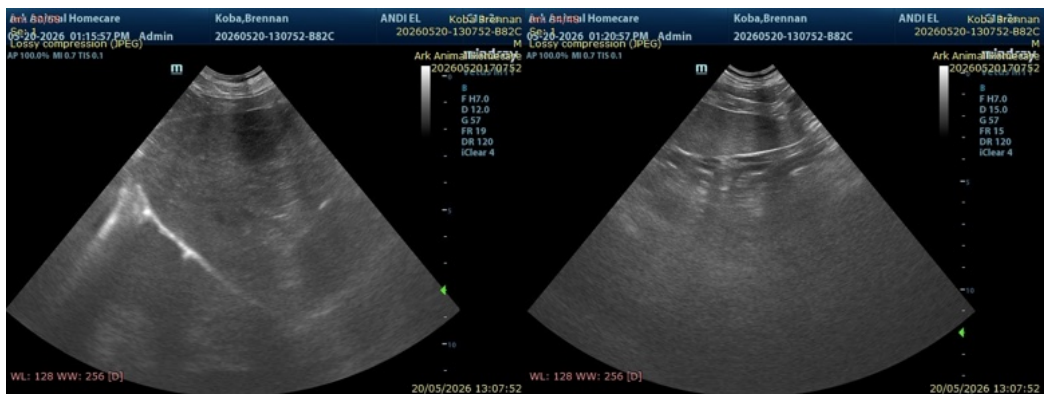
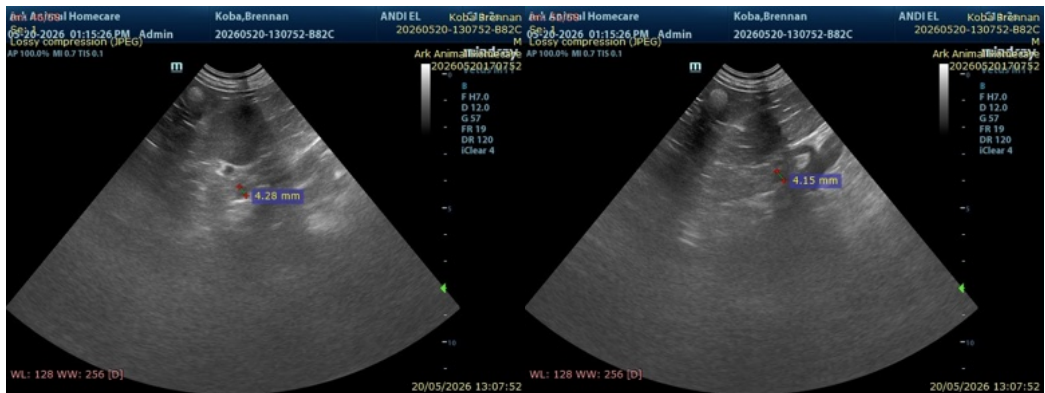
INVOICE

77774

DATE

5/20/26

Final diagnostic and therapeutic decisions should be made by the attending veterinarian, who can best integrate these findings with the patient's clinical status.





PATIENT

Koba Brennan

SPECIES

Canine

BREED

Cattle Dog Mix

SEX

Neutered male

AGE

8 years

WEIGHT

39 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Grace Jayne CVT

HOSPITAL NAME

Ark Animal Homecare

REFERRING VET

Dr. Penraat

INVOICE

77774

DATE

5/20/26



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 can be of any further assistance please contact me.

Alicia Angosto Guerrero, DMV, PgDip, MSc.

info@SonoPath.com