



PATIENT

Coco Alfaro

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

10 Years 9 Months

WEIGHT

11.4

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Rivera

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

Dr. Courtney

INVOICE

13039

DATE

01/09/2026

PRESENTING CLINICAL SIGNS

Owner reports increased lethargy; patient prefers to lie down. - Owner states coughing is under control but has noticed changes in breathing, particularly when lying down. - Owner reports that a cardiologist confirmed a grade 2/6 heart murmur but did not prescribe any medications. - Owner states patient is not currently on any medications.

Abnormal PE/Chem/CBC/UA Results: QAR and breathing with more effort than normal. Tracheal sensitivity (mild). Heart auscultates with with a grade 3/6, L-sided systolic murmur noted. Chem 18/Lytes/CBC: MCH mildly low, Mono 1.40 (0.16-1.12), PLT moderately elevated and PCT severely elevated, Glob 5.0 (2.5-4.5), ALP 1027 (23-212, was 672, 2 months ago), ALT 99 (10-125, but was 55, 2 months ago). Worsening ALP elevation and ALT elevating in the normal range.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and 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. No evidence of inflammatory or neoplastic change were noted.

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

The area of the aortic trifurcation was free of pathology.

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild indistinct corticomodullary border demarcation was also present. The renal medullary volume was subjectively reduced. A cranial cortical cyst was present in the right kidney measuring 0.90 cm in diameter. The left kidney measured 4.6 cm in length. The right kidney measured 5.1 cm in length.

Adrenal Glands

The adrenal glands were not definitively visualized.

Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Medial parenchyma to perihilar hyperechoic nodules were present with an example measuring 0.47 cm in diameter. 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. Acute to chronic inflammatory or neoplastic changes were not noted. The hyperechoic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

Liver & Gallbladder

The liver revealed generalized hepatomegaly. 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



PATIENT

Coco Alfaro

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

10 Years 9 Months

WEIGHT

11.4

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Rivera

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

Dr. Courtney

INVOICE

13039

DATE

01/09/2026

congestion. An irregular nonhomogenous nodular mass was present in the area of the caudal to ventrocaudal liver measuring approximately 6.0 cm in diameter.

The gallbladder was mildly distended in size with variably hyperechoic congealed to organized gallbladder debris occupying the entirety of the gallbladder lumen. The common bile duct was not visualized.

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.

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 semi formed fecal matter in lumen.

Pancreas

The pancreas was normal in size and contour with isoechoic to heterogeneous parenchyma compared to adjacent omentum. No signs of active inflammation or neoplasia.

Free Abdomen

Perihepatic to cranial abdomen hyperechoic omentum and mild volume effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Hepatomegaly with a mass in the area of the caudal to ventrocaudal liver.
- Gallbladder mucocele.
- Perihepatic/cranial abdomen hyperechoic omentum and mild effusion.
- Hyperechoic splenic nodules- most consistent with benign myelolipomas.
- Chronic renal changes with right kidney cortical cyst.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Contributing factors to the patient's clinical signs may be multifactorial including hepatopathy with probable caudal to ventrocaudal liver mass, strongly suggestive of neoplastic criteria in conjunction with gallbladder mucocele, the effusion may indicate bile peritonitis or non-specific peritonitis owing to hepatic pathology given no obvious hepatic congestion and no reported subnormal albumin level.

Further assessment may include (assuming normal clotting status) hepatic parenchyma and mass FNA cytology as well as if possible, effusion analysis cytology or culture sensitivity if evidence of inflammatory component. Assuming no pathology on three view chest radiographs and if surgical intervention is a potential, abdominal CT would be ideal for further clarification of the generalized liver mass as well as gallbladder pathology, non-obvious metastasis and surgical planning.



PATIENT

Coco Alfaro

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

10 Years 9 Months

WEIGHT

11.4

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Rivera

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

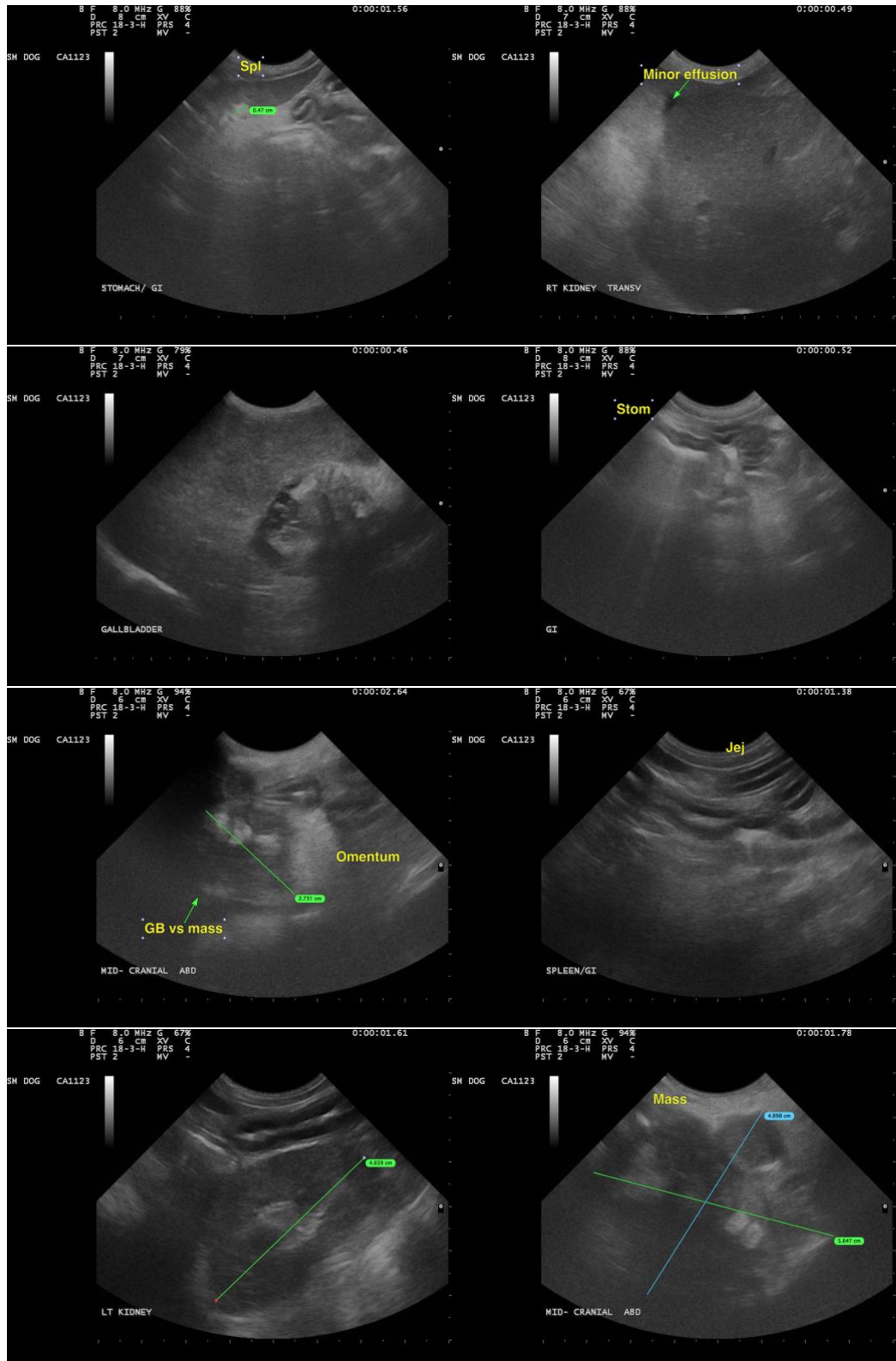
Dr. Courtney

INVOICE

13039

DATE

01/09/2026





PATIENT

Coco Alfaro

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

10 Years 9 Months

WEIGHT

11.4

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Rivera

HOSPITAL NAME

DPC Veterinary
Hospital

REFERRING VET

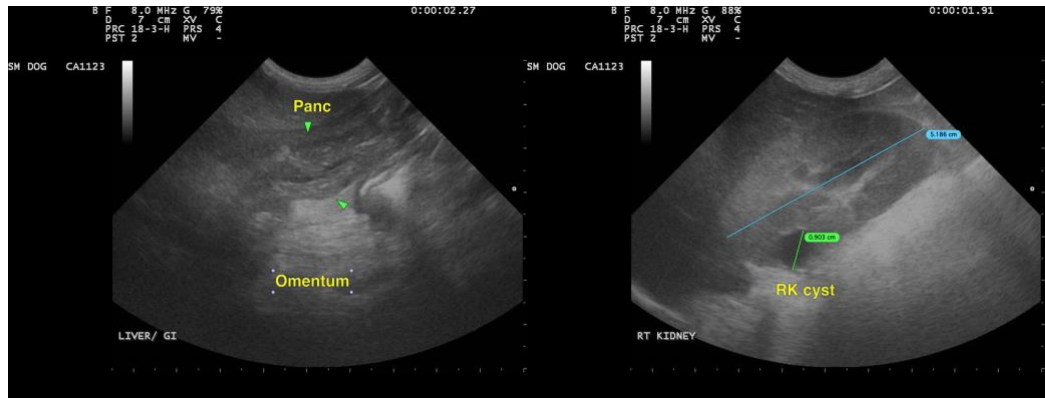
Dr. Courtney

INVOICE

13039

DATE

01/09/2026



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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

info@SonoPath.com