

PATIENT

Chase Elisano

SPECIES

Canine

BREED

Golden Retriever

SEX

MN

AGE

12yr

WEIGHT

100lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Westwood Regional
Veterinary Hospital

REFERRING VET

Dr. McConnell

INVOICE

11090ag

DATE

07/11/2022

PRESENTING CLINICAL SIGNS

History: Patient presented for known corn cob ingestion on Saturday, concern for possible corn cob remaining in stomach. No vomiting, acting BAR. No current meds.

Abnormal PE/Chem/CBC/UA Results: Blood work declined. Barium study declined. Opted for ultrasound today.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a 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 changes were noted.

Normal size and margination was 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. evidence of pelvic dilation was present. A mildly expansive spherical nonhomogeneous mass in the area of the mid to caudal left kidney exhibiting intermittent cystic component was present measuring approximately 4.8-5 cm in diameter. The left kidney measured 7.3 cm in length. The right kidney measured 7 cm in length.

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The right adrenal gland was normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland was indistinctly visualized. The left adrenal gland measured 0.7 cm width in the caudal pole. The right adrenal gland measured 0.75 cm width in the caudal pole.

Spleen

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. Focal to intermittent nondisruptive well demarcated hyperechoic nodules were present in the medial parenchyma adjacent to the hilus. 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.

Liver

The liver presented mildly enlarged in size. The parenchyma of the liver exhibited minor generalized remodeling. 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 primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal



PATIENT

Chase Elisano

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained a mild amount of retained nonshadowing ingesta along with a strongly shadowing echo with potential additional smaller echoes. The primary echo measured approximately 2 cm in diameter.

SPECIES

Canine

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained segmental nonshadowing ingesta/chyme with no signs of ileus or foreign material.

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

BREED

Golden Retriever

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.

SEX

MN

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

AGE

12yr

Rapid view of the heart revealed no evidence of pericardial masses or effusion in the visible window.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

100lb

- Left kidney mass-
- Mild to moderate right kidney changes-no evidence of concurrent mass
- Mild retained gastric ingesta/chyme with strongly shadowing echo-echo subjectively non obstructive
- Mild hepatomegaly exhibiting generalized parenchymal remodeling-benign
- Benign splenic nodules-consistent with benign myelolipomas

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Although sampling is required for a definitive diagnosis, neoplastic criteria is favored for the left kidney mass. No overt evidence of retroperitoneal or intra-abdominal metastasis was observed. Given the patient's history the shadowing echo is likely consistent with retained corn cob. This did not appear to be obstructive to pyloric outflow. A full CBC/chemistry panel and UA is recommended for correlation. Three view chest radiographs are recommended to assess for evidence of thoracic pathology/metastatic disease. Continued monitoring for clinical signs suggestive of upper GI obstruction along with monitoring of the gastric echo is warranted. Gastric endoscopy with potential retrieval of the shadowing echo or assuming normal clotting status a gastrotomy along with left nephrectomy could be considered.

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Westwood Regional
Veterinary Hospital

REFERRING VET

Dr. McConnell

INVOICE

11090ag

DATE

07/11/2022



PATIENT

Chase Elisano

SPECIES

Canine

BREED

Golden Retriever

SEX

MN

AGE

12yr

WEIGHT

100lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Westwood Regional
Veterinary Hospital

REFERRING VET

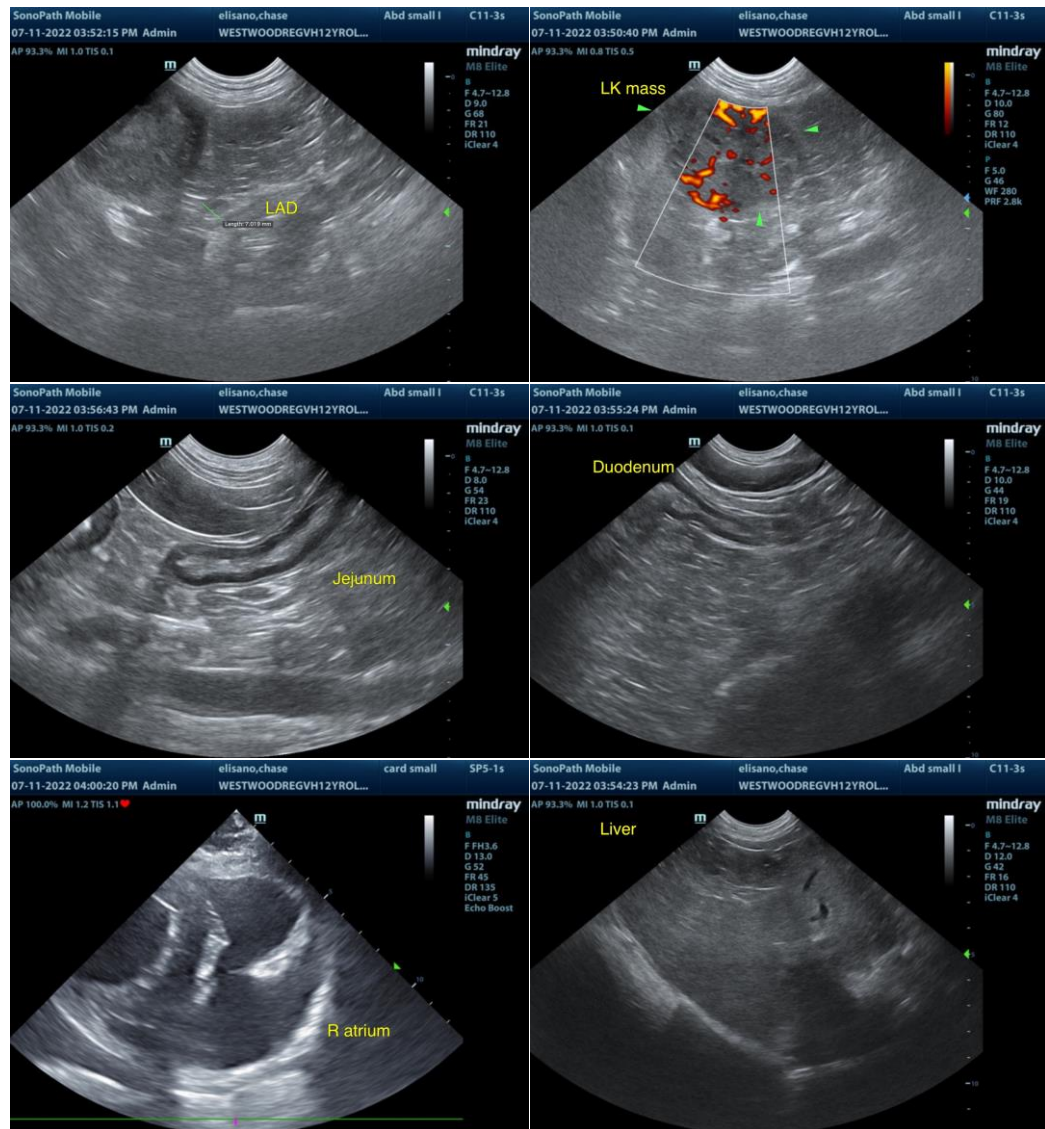
Dr. McConnell

INVOICE

11090ag

DATE

07/11/2022





PATIENT

Chase Elisano

SPECIES

Canine

BREED

Golden Retriever

SEX

MN

AGE

12yr

WEIGHT

100lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Westwood Regional
Veterinary Hospital

REFERRING VET

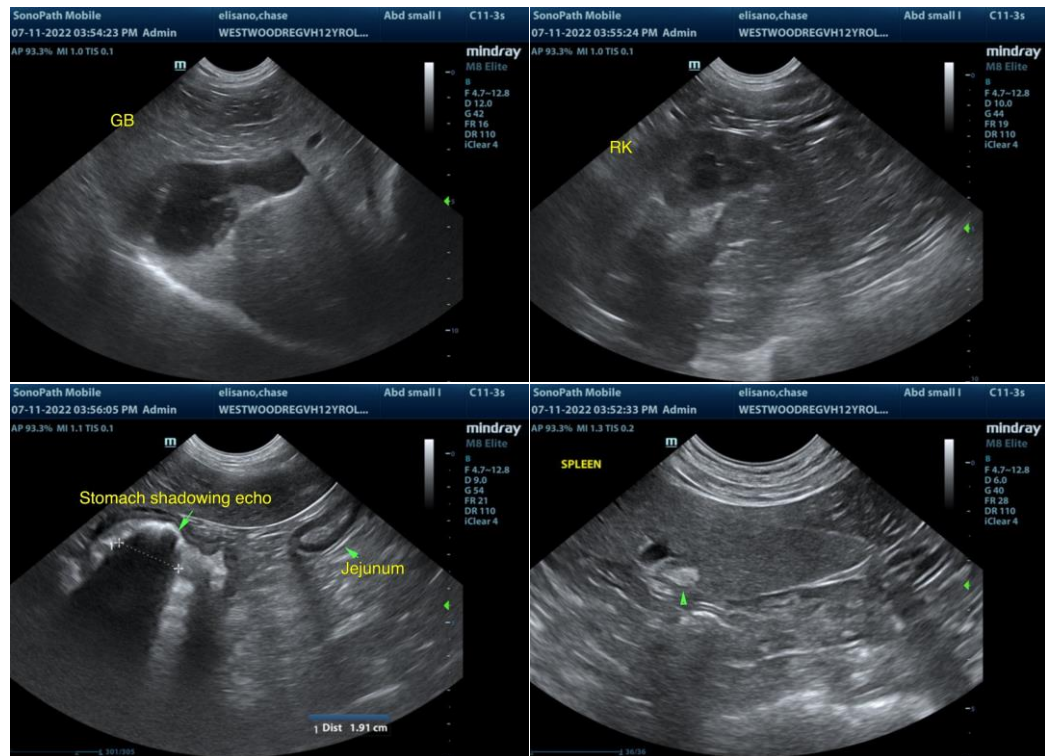
Dr. McConnell

INVOICE

11090ag

DATE

07/11/2022



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