



PATIENT

Hopi Epstein

PRESENTING CLINICAL SIGNS

Recent hyporexia and weight loss, nasal congestion, bronchospasm with expectoration of foamy fluid noted yesterday evening. No significant findings

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: 2.1 lbs weight loss since previous exam 4 months ago, mild generalized muscle atrophy, grade iv/ vi left and right sided systolic murmur. CBC, chemistry, T4, cPL WNL; Thoracic radiographs show mild generalized cardiomegaly with left atrial enlargement, no pulmonary parenchymal or vascular abnormalities.

BREED

Japanese Chin

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

FS

The urinary bladder, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized, and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

AGE

14yr

The kidneys revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented a largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.0 cm in length. The right kidney measured 4.0 cm in length.

WEIGHT

10.7lb

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.50 cm.

Spleen

IMAGING PERFORMED BY

Dr. Green

The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

HOSPITAL NAME

Healing Spirit Animal
Wellness

Liver

REFERRING VET

Dr. Green

The liver presented mildly 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. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

12535ag

Gastrointestinal

DATE

12/23/2022

Examination of the gastrointestinal tract revealed a mildly thickened upper duodenum with irregular mucosal changes. The remainder of the GI tract revealed variable thickening and areas of spasm. A minor amount of non-obstructive shadowing material was present in the stomach measuring up to 7 mm.



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Pancreas

SPECIES

Canine

The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal, and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

BREED

Japanese Chin

ULTRASONOGRAPHIC FINDINGS

- Subacute on chronic inflammatory bowel/duodenitis likely
- Otherwise a geriatric abdomen

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

14yr

No evidence of neoplasia was observed, however emerging neoplasia such as carcinoma in the upper duodenum cannot be definitively excluded. Endoscopy with mucosal biopsies of the pyloric outflow and upper duodenum would be ideal. Maldigestion panel, three view chest radiographs and full CNS examination is recommended to examine for occult disease that could be responsible for the weight loss. Evaluation for competitive eating environments should also be considered.

WEIGHT

10.7lb

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

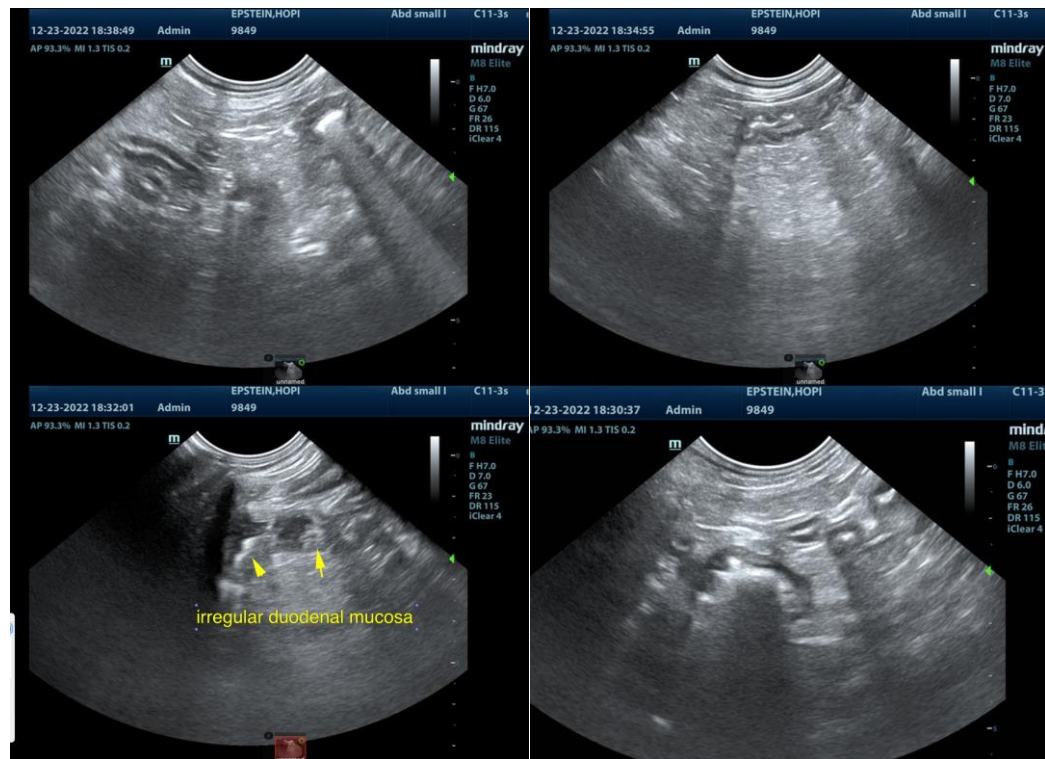
Dr. Green

HOSPITAL NAME

Healing Spirit Animal
Wellness

REFERRING VET

Dr. Green



INVOICE

12535ag

DATE

12/23/2022



PATIENT

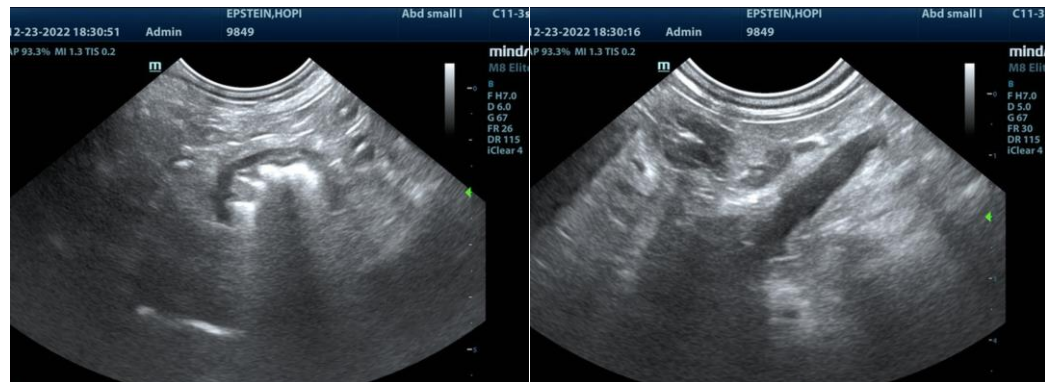
Hopi Epstein

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SEX

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AGE

14yr

WEIGHT

10.7lb

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.

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.

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