



PATIENT	PRESENTING CLINICAL SIGNS
Bob Messing	Disoriented and unbalanced walking at home, has a hx of marijuana toxicity
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	Urinary bladder is moderately distended with anechoic contents. It has normal uniform wall thickness (< 0.2 cm). No masses or cystoliths are observed.
Yorkie	The prostate is normal for a neutered dog.
SEX	Left kidney is normal in size (3.84 cm), shape and echogenicity. It has smooth peripheral margination and appropriate corticomedullary distinction. There is no pyelectasia noted. No mineral is observed.
Neutered male	Right kidney is normal in size (3.54 cm), shape and echogenicity. It has smooth peripheral margination and appropriate corticomedullary distinction. There is no pyelectasia noted. No mineral is observed.
AGE	Adrenal Glands
8 years	Left adrenal gland is normal in size (1.79 cm x 0.54 cm at cranial pole and 0.54 cm at caudal pole), shape and contour. Corticomedullary structure is unremarkable.
WEIGHT	Right adrenal gland is normal in size (2.16 cm x 0.73 at cranial pole and 0.74 cm at caudal pole), shape and contour. Corticomedullary structure is unremarkable.
13 lbs	
INTERPRETED BY	Spleen
Beth Johnson, DVM DACVIM	Spleen is subjectively normal in size with normal smooth margins. Parenchyma is normal in echogenicity and echotexture. No focal nodules or masses are observed. Splenic vasculature appears normal.
IMAGING PERFORMED BY	Liver
Jenn	Liver is subjectively enlarged. Margins are smooth but round. It has a normal homogenous echotexture. Parenchyma is diffusely hyperechoic characterized by less prominent than normal portal vein walls and increased echogenicity relative to the spleen. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion. Gallbladder is mildly distended with anechoic contents. The wall is smooth without visible thickening. There is no evidence of common bile duct dilation.
HOSPITAL NAME	
Rockaway AH	
REFERRING VET	
Dr. Maniar	Gastrointestinal
INVOICE	The visible gastric wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm). The stomach is empty.
96117	The small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). There are no luminal contents noted within small intestines.
DATE	Colon is normal in wall thickness (< 0.2 cm) and layering.
2/17/22	



PATIENT

Pancreas

Bob Messing

Pancreas has normal homogenous echotexture and is normal in echogenicity and smooth margination. There is no evidence of peripancreatic inflammation.

SPECIES

Canine

Free Abdomen

Lymph nodes are normal with no observed enlargement.

BREED

Yorkie

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered male

Primary Findings

- Hyperechoic hepatomegaly canine – most consistent with benign steroid (endocrine) hepatopathy or reactive or idiopathic hepatopathy. Infiltrative neoplasia such as round cell neoplasia is also possible, but considered less likely.

AGE

8 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommendations include medical management of the reported toxicity contacting poison control if necessary while providing necessary supportive care based on clinical signs. Given the patient's breed and neurologic signs bile acids are a reasonable diagnostic step. However, there is no evidence of disease that would lead to hepatic encephalopathy on these images. If the patient has any liver enzyme increases a FNA of the liver can be considered if coagulation status is appropriate. However, it is also reasonable to manage the toxicity supportively and recheck any abnormalities before proceeding further with diagnostics.

WEIGHT

13 lbs

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

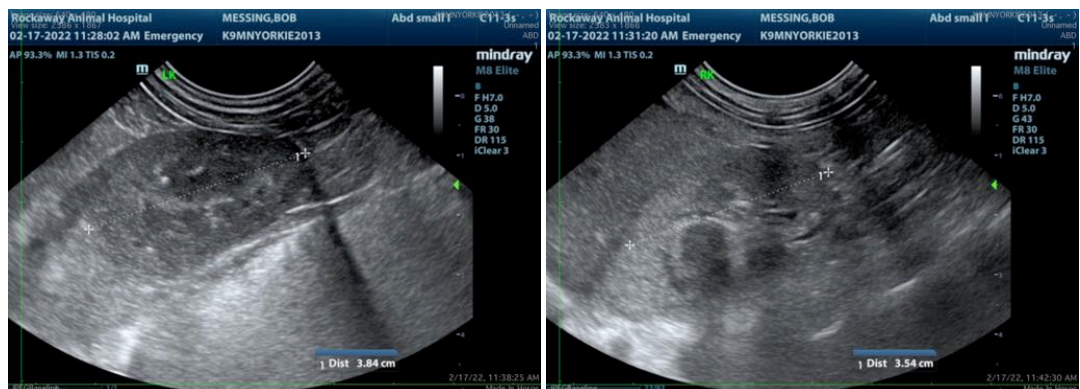
Dr. Maniar

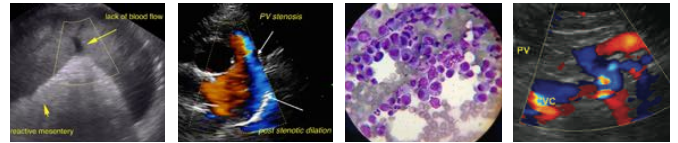
INVOICE

96117

DATE

2/17/22





PATIENT

Bob Messing

SPECIES

Canine

BREED

Yorkie

SEX

Neutered male

AGE

8 years

WEIGHT

13 lbs

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

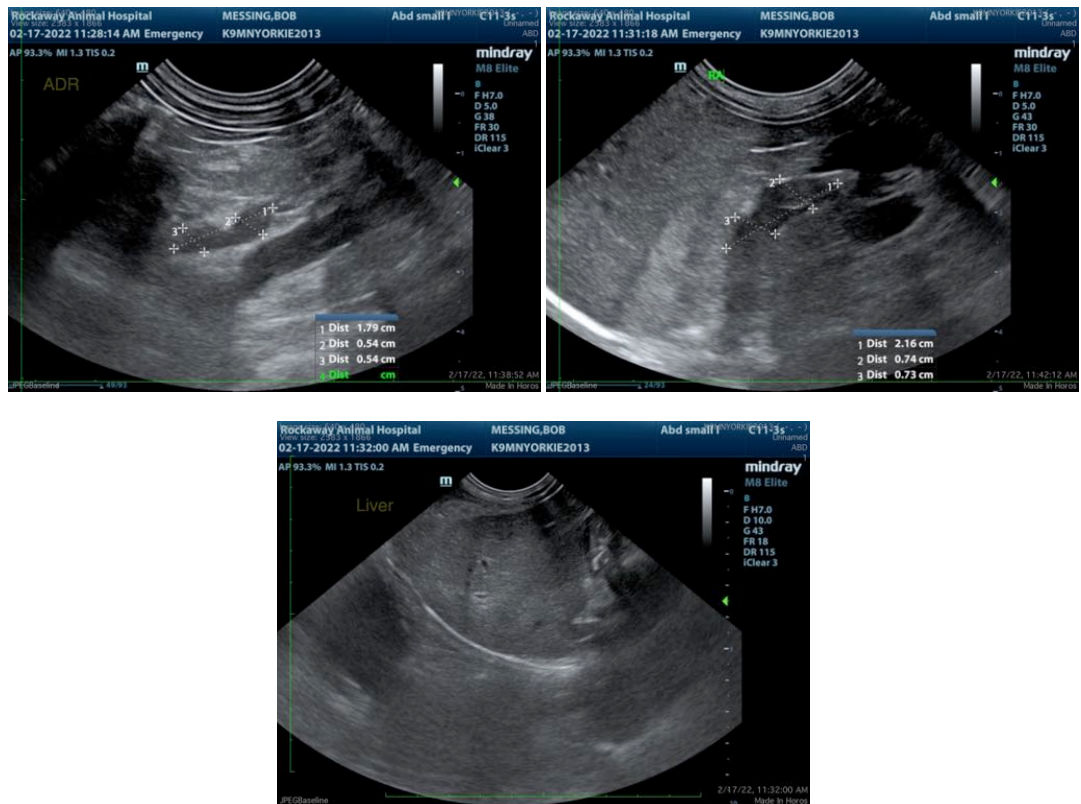
Dr. Maniar

INVOICE

96117

DATE

2/17/22



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.

Beth Johnson, DVM DACVIM

Beth.Johnson@SonoPath.com