



PATIENT

Bogey Shiber

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

10 months

WEIGHT

20.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Bucha

HOSPITAL NAME

Harveys Lake VC

REFERRING VET

Dr. Bucha

INVOICE

30910

DATE

6/7/22

PRESENTING CLINICAL SIGNS

Patient presented for a castration on 5/6/22 lab work was performed for the first time on patient ALT was 219 (Norm 10 to 125) Rechecked Chem Panel on 6/4/22 - ALT is 931 (Norm 10 to 125) All other values WNL 6/4/22: Started patient on VRS Hepato Supplement Scheduled patient for complete ultrasound /bile acids.

Abnormal PE/Chem/CBC/UA Results: All lab work is scanned in and attached to case -Chem Panel and CBC from 5/6/22 -Chem Panel from 6/4/22 -Bile Acids panel is pending from Idexx (6/7/22) - Intestinal Parasite Screen, Urinalysis, 4DX Plus from 6/7/22 all WNL -Full Abdominal Ultrasound from 6/7/22 - patient was given Gabapentin 200mg, Trazodone 50mg, and Torbugesic (2.0mg) prior to ultrasound.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 4.13 cm. The right kidney measured 4.53 cm.

Adrenal Glands

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 0.38 cm. The right adrenal gland measured 0.48 cm.

Spleen

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 was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The ingesta in the stomach obscured much of the portal hilus; however, one view reveal normal portal vein size. The portal vein to vena cava ratio was 1:1



PATIENT

Bogey Shiber

measuring 0.5 cm each. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

SPECIES

Canine

Gastrointestinal

BREED

Mix

A minor amount of non-shadowing, non-obstructive ingesta was noted in the **stomach**. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

SEX

Neutered male

Pancreas

AGE

10 months

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.

WEIGHT

20.9 lbs

ULTRASONOGRAPHIC FINDINGS

Structurally normal liver and abdomen.

Gastric stasis with over distension.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

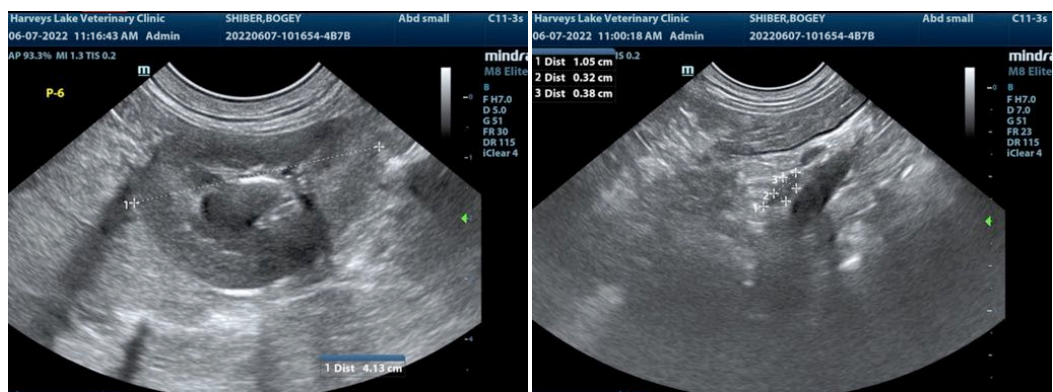
Acute hepatic insult, Leptospirosis or similar is suspected. FNA of the liver is indicated along with Leptospirosis titers. Ampicillin, Metronidazole and nutraceuticals are all indicated. There was no evidence of primary or acquired structural disease at this time.

IMAGING PERFORMED BY

Dr. Bucha

HOSPITAL NAME

Harveys Lake VC



REFERRING VET

Dr. Bucha

INVOICE

30910

DATE

6/7/22



PATIENT

Bogey Shiber

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

10 months

WEIGHT

20.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Bucha

HOSPITAL NAME

Harveys Lake VC

REFERRING VET

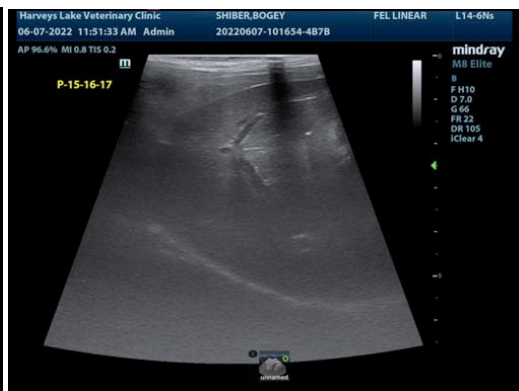
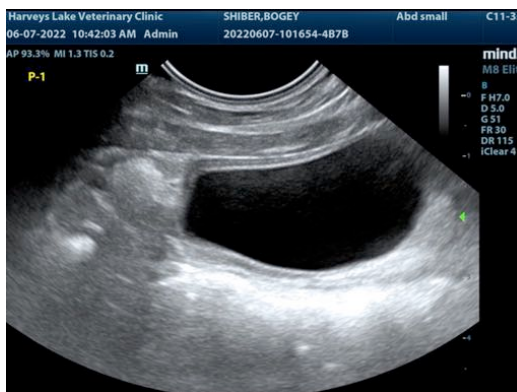
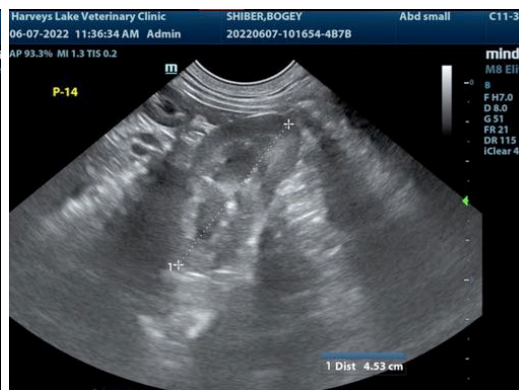
Dr. Bucha

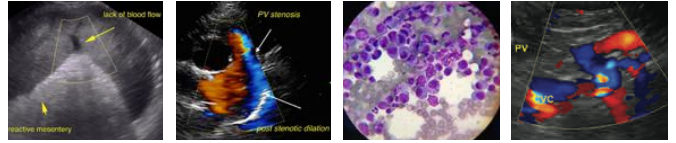
INVOICE

30910

DATE

6/7/22





PATIENT

Bogey Shiber

SPECIES

Canine

BREED

Mix

SEX

Neutered male

AGE

10 months

WEIGHT

20.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Bucha

HOSPITAL NAME

Harveys Lake VC

REFERRING VET

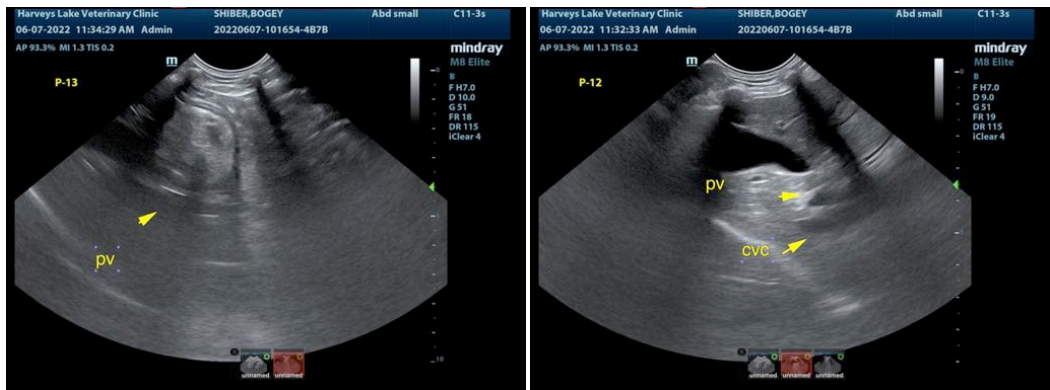
Dr. Bucha

INVOICE

30910

DATE

6/7/22



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com