



**PATIENT**

Samson Bavogholi

**PRESENTING CLINICAL SIGNS**

ALT elevated was 621 and now is 494.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Havanese

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. 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.

**SEX**

Neutered male

The residual prostate measured 0.7 cm.

**AGE**

9 years

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.

**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 1.76 x 0.54 cm. The right adrenal gland measured 1.76 x 1.01 cm and 0.8 cm at the caudal pole.

**IMAGING PERFORMED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Spleen**

**HOSPITAL NAME**

Franklin Lakes AH

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

**REFERRING VET**

Dr. Mastrascusa

**Liver**

The **liver** was mildly enlarged and diffusely hyperechoic to the falciform fat. The gallbladder and common bile duct were unremarkable. There was no evidence of masses. Diffuse hypoechogenicity was present.

**INVOICE**

96453

**Gastrointestinal**

**DATE**

3/1/22

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. 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.



**PATIENT** *Pancreas*

Samson Bavoghli

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

**SPECIES**

Canine

**BREED**

Havanese

**ULTRASONOGRAPHIC FINDINGS**

Most consistent with vacuolar hepatopathy with lipidosis with a possible mild inflammatory component.

**SEX**

Neutered male

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Supportive care with Ursodiol, Enrofloxacin and Metronidazole combination over a 10 day period, Ursodiol over a 6 week period and a recheck of the liver values. FNA of the liver could be considered for further definition. There was no evidence or suspicion of neoplasia.

**AGE**

9 years

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**HOSPITAL NAME**

Franklin Lakes AH

**REFERRING VET**

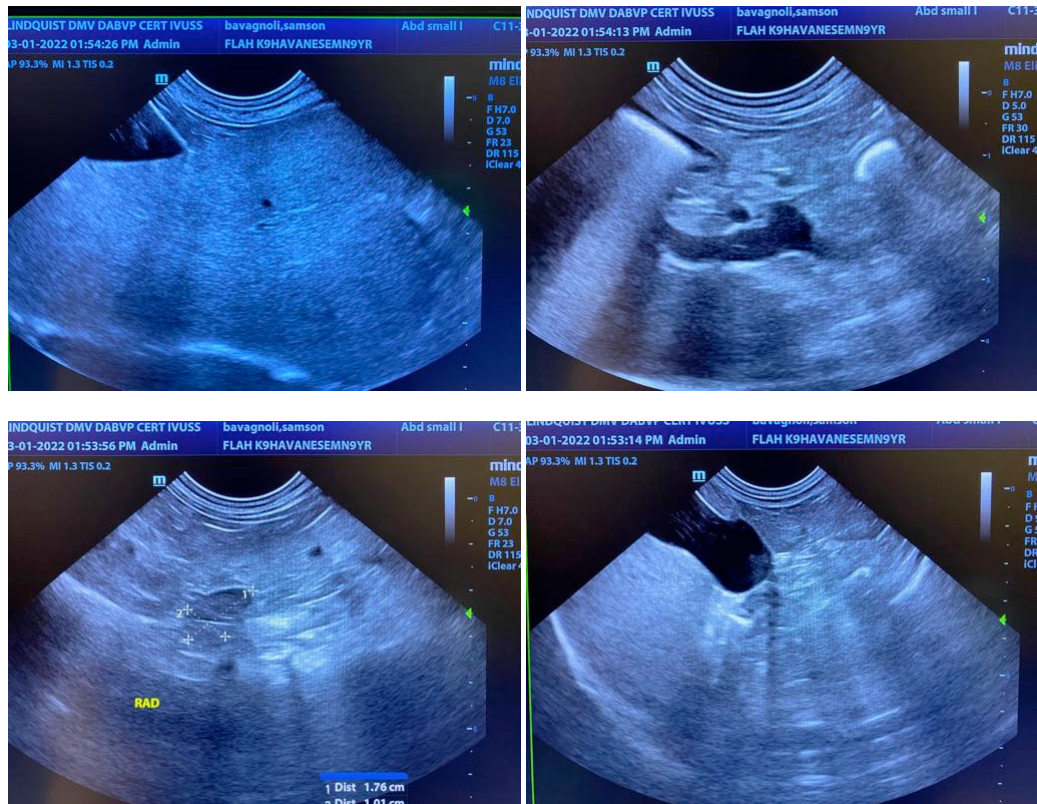
Dr. Mastrascusa

**INVOICE**

96453

**DATE**

3/1/22





**PATIENT**

Samson Bavoghli

**SPECIES**

Canine

**BREED**

Havanese

**SEX**

Neutered male

**AGE**

9 years

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**HOSPITAL NAME**

Franklin Lakes AH

**REFERRING VET**

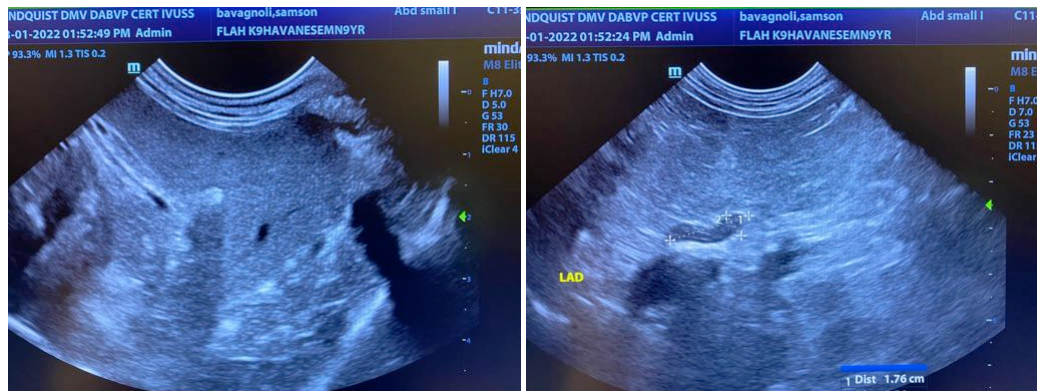
Dr. Mastrascusa

**INVOICE**

96453

**DATE**

3/1/22



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