



**PATIENT**

Hana Smith

**SPECIES**

Canine

**BREED**

Miniature Poodle

**SEX**

FS

**AGE**

12yr

**WEIGHT**

5

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Loomis

**HOSPITAL NAME**

Brookwood Animal  
Clinic

**REFERRING VET**

Dr. Loomis

**INVOICE**

12532ag

**DATE**

12/23/2022

**PRESENTING CLINICAL SIGNS**

P had previous scan submitted - follow up on GB and O is considering cataract sx for P P is on ursodiol  
Abnormal PE/Chem/CBC/UA Results: P has hx of mildly elevated Alt and GGT

**ULTRASONOGRAPHIC RECHECK 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 were noted. Ureteral papillae were normal.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some moderately increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 3.2 cm in length. The right kidney measured 3.2 cm in length

**Adrenal Glands**

No evident pathology was present in the region of the left adrenal gland. The right adrenal was visualized obliquely measuring 0.5 cm in width.

**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 were noted.

**Liver**

The liver images submitted revealed coarse architecture and increased portal markings. The liver is subjectively more remodeled than the previous scan. The gallbladder exhibited persistent overdistention of ~ 3 cm with largely immobile bile yet mildly improved subjectively from the previous ultrasound. A gallbladder motility study is likely in the best interest of this patient long term.

**Gastrointestinal**

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.

**Pancreas**

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.



**PATIENT**

Hana Smith

**SPECIES**

Canine

**BREED**

Miniature Poodle

**ULTRASONOGRAPHIC FINDINGS**

- Progressive hepatic remodeling
- Age related abdominal changes
- Immature gallbladder mucocoele

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ursodiol therapy should be considered. A gallbladder motility study may be considered as well. The gallbladder presentation is slightly improved compared to the previous study. A bile acid profile would be justified.

**SEX**

FS

**AGE**

12yr

**WEIGHT**

5

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Loomis

**HOSPITAL NAME**

Brookwood Animal  
Clinic

**REFERRING VET**

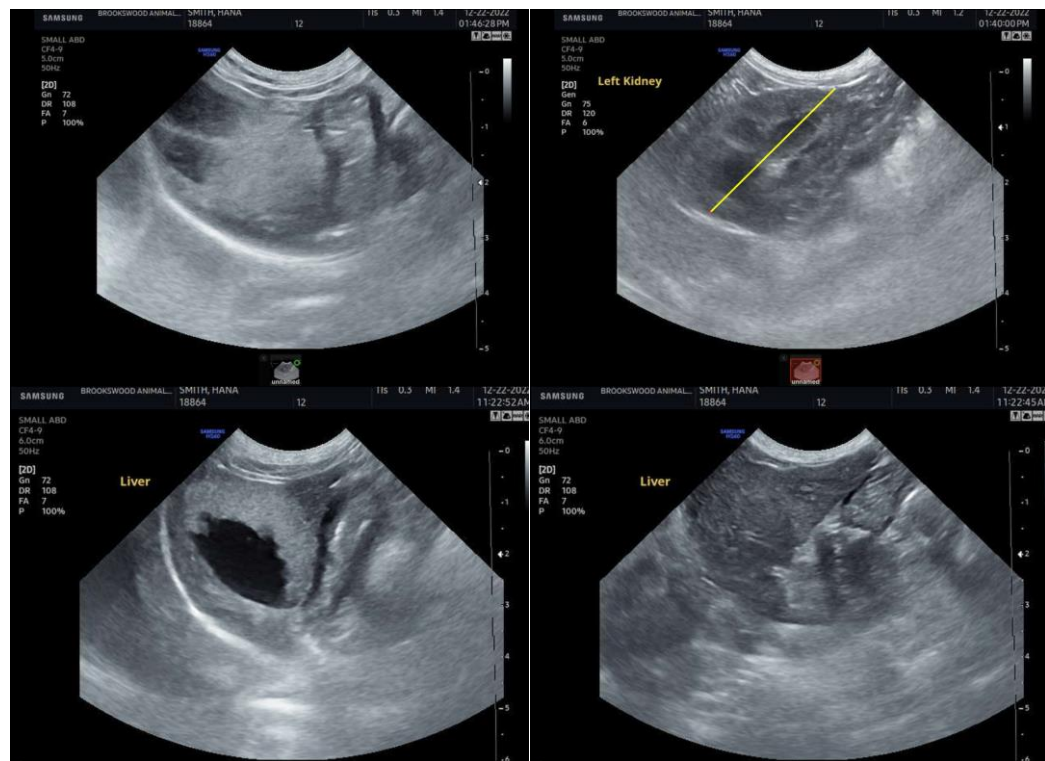
Dr. Loomis

**INVOICE**

12532ag

**DATE**

12/23/2022



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.

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



**PATIENT**

Hana Smith

**SPECIES**

Canine

**BREED**

Miniature Poodle

**SEX**

FS

**AGE**

12yr

**WEIGHT**

5

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Loomis

**HOSPITAL NAME**

Brookwood Animal  
Clinic

**REFERRING VET**

Dr. Loomis

**INVOICE**

12532ag

**DATE**

12/23/2022