



**PATIENT**

Princess Sakach

**PRESENTING CLINICAL SIGNS**

History: One of her liver values are elevated as well (ALP=524). Her T4 is also decreased at 0.9

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

Poodle Mix

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.

**SEX**

Spayed Female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex. Minor mineralization and pyelectasia was noted. Non-obstructive calculi were noted in the renal pelvises and corticomedullary junction. Both kidneys measured 4.0 cm.

**AGE**

13 years

**WEIGHT**

17.6 lbs

**Adrenal Glands**

The **adrenal glands** were not visualized.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**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.

**IMAGING PERFORMED BY**

Dr. Gallick

**HOSPITAL NAME**

Magnolia Springs VC

**Liver**

The **liver** revealed coalescing, multi-focal hypoechoic nodular changes. The gallbladder was over distended with a large amount of dependent debris.

**REFERRING VET**

Dr. Gallick

**Gastrointestinal**

**INVOICE**

30506

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.

**DATE**

5/18/22



**PATIENT**

**Pancreas**

Princess Sakach

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.

**SPECIES**

Canine

**ULTRASONOGRAPHIC FINDINGS**

**BREED**

Poodle Mix

Diffuse nodular hyperplasia liver pattern.

Renal calculi.

**SEX**

Spayed Female

Moderate degenerative renal changes with pyelectasia.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

13 years

If any crusting skin lesions are present then hepatocutaneous syndrome can present in this fashion. However, it is more likely nodular hyperplasia. Hepatic FNA is warranted as well as bile acid profile. Full urinalysis is recommended to assess for any evidence of UTI given the renal pyelectasia. However, the pyelectasia is likely owing to periodic passage of calculi. A trace amount of bladder sand was noted, yet non-obstructive. The remainder of the bladder was unremarkable.

**WEIGHT**

17.6 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Gallick

**HOSPITAL NAME**

Magnolia Springs VC

**REFERRING VET**

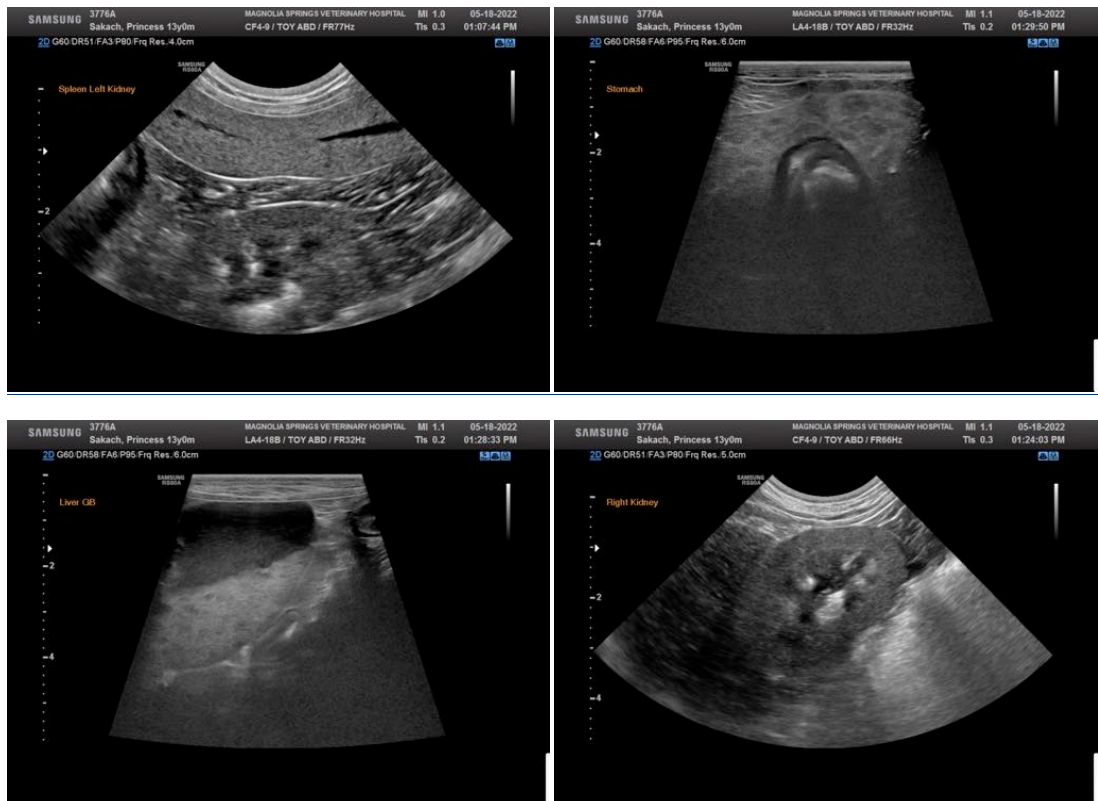
Dr. Gallick

**INVOICE**

30506

**DATE**

5/18/22





**PATIENT**

Princess Sakach

**SPECIES**

Canine

**BREED**

Poodle Mix

**SEX**

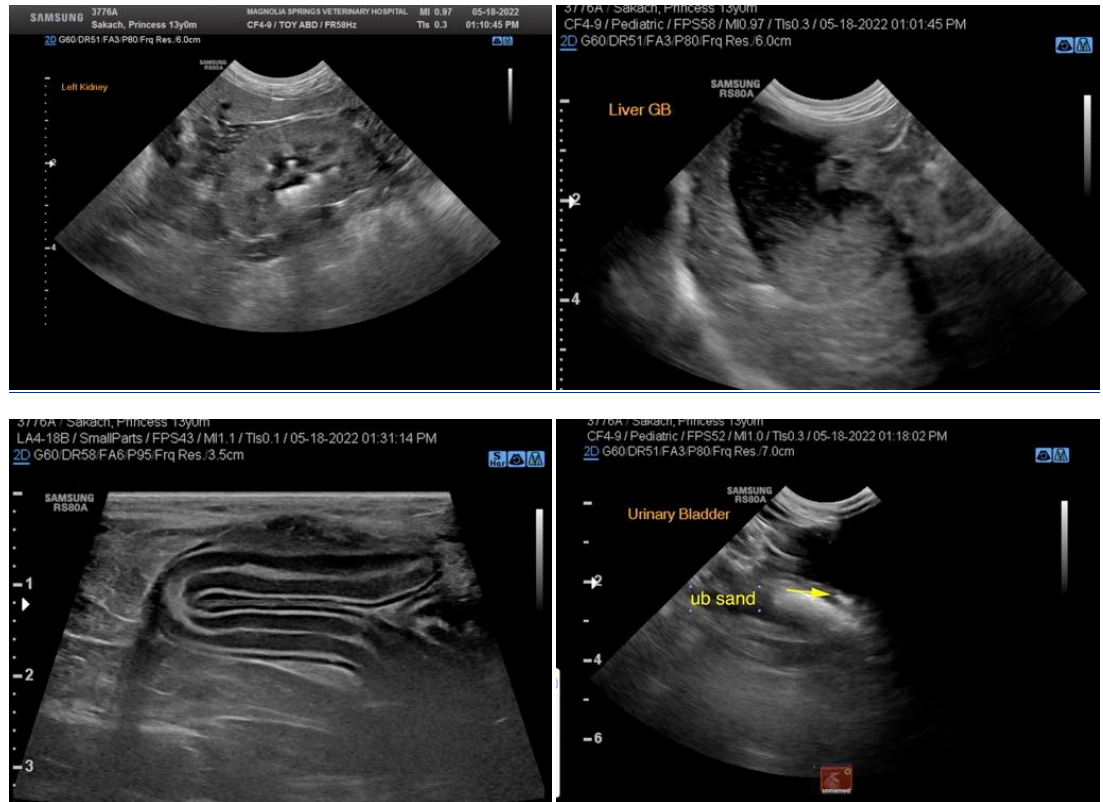
Spayed Female

**AGE**

13 years

**WEIGHT**

17.6 lbs



**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Gallick

**HOSPITAL NAME**

Magnolia Springs VC

**REFERRING VET**

Dr. Gallick

**INVOICE**

30506

**DATE**

5/18/22

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