



**PATIENT PRESENTING CLINICAL SIGNS**

**Saide Ball** History: Ultrasound for neighboring clinic. Recent spay on September 21 and not doing well post. Is on veraflox and Clavamox  
 Depressed and poorly looking, T 39.2. No sedation needed for u/s

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

**Urinary System**

Shih Tzu

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

**AGE**

3 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. The left kidney measured 3.5 cm.

**WEIGHT**

4.3 kg

**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.

**IMAGING PERFORMED BY**

Dr. Biederbeck

**Spleen**

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.

**HOSPITAL NAME**

Lomsnes

**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 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.

**REFERRING VET**

Dr. Biederbeck

**INVOICE**

92196

**Gastrointestinal**

**DATE**

10/5/21

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Minor adhesion pattern was noted associated with the small intestine and the cystic structure.



**PATIENT**

Saide Ball

**Pancreas**

**SPECIES**

Canine

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.

**BREED**

Shih Tzu

**Free Abdomen**

A cystic structure was noted caudal to the right kidney. This measured approximately 2.0 cm.

**SEX**

Spayed Female

**ULTRASONOGRAPHIC FINDINGS**

Undefined cystic structure caudal to the right kidney. Abscessation, suture reaction, hematoma owing to underlying coagulopathy is possible.

**AGE**

3 years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**WEIGHT**

4.3 kg

Full coagulation panel is warranted in this patient given the patient's history followed by exploratory surgery and removal of the cystic structure as well as freeing of any adhesions associated. Culture and sensitivity is warranted. If no coagulopathy is present underlying suture reaction may be an issue in this type of presentation.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Biederbeck

**HOSPITAL NAME**

Lomsnes



**REFERRING VET**

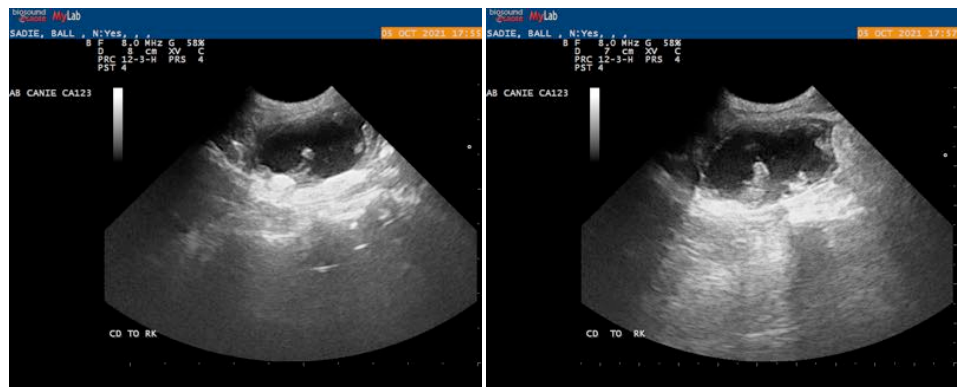
Dr. Biederbeck

**INVOICE**

92196

**DATE**

10/5/21





**PATIENT**

Saide Ball

**SPECIES**

Canine

**BREED**

Shih Tzu

**SEX**

Spayed Female

**AGE**

3 years

**WEIGHT**

4.3 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Dr. Biederbeck

**HOSPITAL NAME**

Lomsnes

**REFERRING VET**

Dr. Biederbeck

**INVOICE**

92196

**DATE**

10/5/21



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  
info@SonoPath.com