



**PATIENT**

Chloe Smith

**SPECIES**

Canine

**BREED**

Poodle

**SEX**

Spayed Female

**AGE**

14 Years

**WEIGHT**

5.7 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Griffin

**HOSPITAL NAME**

Northside VC

**REFERRING VET**

Griffin

**INVOICE**

12822

**DATE**

8/27/21

**PRESENTING CLINICAL SIGNS**

History: Left Adrenalectomy at Ohio State 7/2020 Hx of tracheal collapse Patient has had extensive IMED workup for PU/PD including CT with and is managed by OSU for chronic renal disease that is well controlled. Recently patient developed worsening cough that prompted blood and X-rays that revealed increased liver values. Since starting medication patient is doing well. Current Medication: Denamarin 90 mg SID, Doxycycline 25 mg BID, TemariP 1/4 tab as needed

Abnormal PE/Chem/CBC/UA Results: PE: Cough CBC: WNL CHEM: ALT 316 U/L, ALKP 776 U/L, GGT 13 U/L, TBIL 1.1 mg/dL, Cl 108mmol/L

**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 were noted. Ureteral papillae were normal.

Slight mineralization (non-obstructive) was noted in both **kidneys**. The left kidney revealed moderate degenerative changes with a cortical cyst. The left kidney measured 3.3 cm. in length. The right kidney measured 3.4 cm.

**Adrenal Glands**

The **right adrenal gland** was 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 right adrenal gland measured 0.6 cm.

The region of the **left adrenal gland** was unremarkable.

**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** revealed non-specific minor coarse architecture. The gallbladder and common bile duct were unremarkable. Minor polypoid changes were noted, not pathological.

**Gastrointestinal**

Minor fluid filled **lumen** noted. The small intestine and colon were unremarkable.

**Pancreas**



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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.

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**ULTRASONOGRAPHIC FINDINGS**

- Geriatric abdomen
- Moderate degenerative renal disease (non-specific) with minor renal mineralization and left renal cyst
- Structurally unremarkable liver, acute insult suspected, as long as bilirubin elevation is not artifactual

**BREED**

Poodle

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

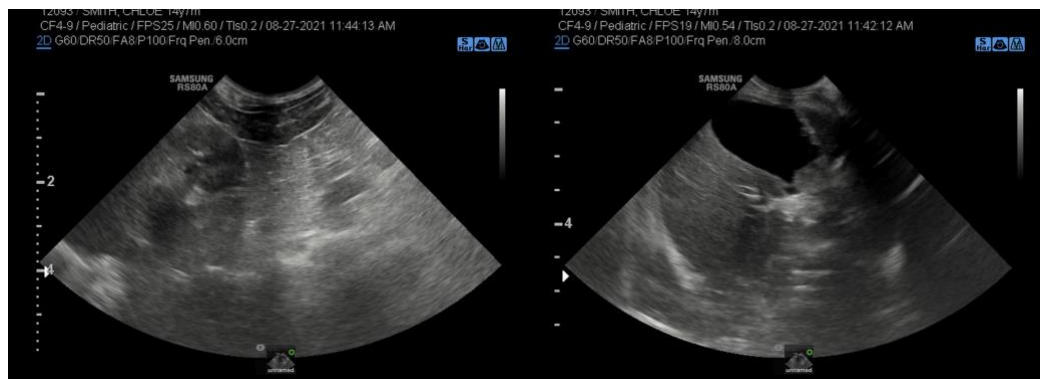
**SEX**

FNA of the liver indicated as well as leptospirosis titers. No evidence of neoplasia.

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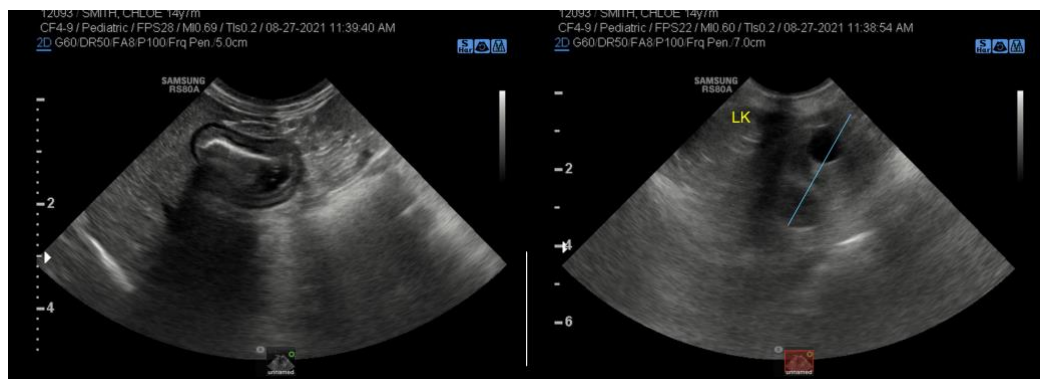


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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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