



**PATIENT** **PRESENTING CLINICAL SIGNS**

Lincoln Tavani

History: Lincoln is a 5.6 yo MN Mix 70.4# Sedated with Butorphanol Presented with hx of very intermittent v/d since 2019 (has presented here for 1-2 episodes per year with no clear pattern). At home it can be up to once a week and can go months between episodes. Bloodwork always normal. Responds to outpatient supportive care. Hx of intermittent "episodes" and possible focal seizures, has been treated with a course of clindamycin but episodes infrequent and not definitively seizures, not on anti-epileptic medications at this time. Recent episode of colitis in May of 2023. Bloodwork - elevated HCT 64% Na:k ratio 31 (N) Alb 3.9 (N) 4dx neg x4 Fecal NOS. Responded to metronidazole and bland diet but since then has several episodes of hyporexia, vomiting, and lethargy. Here for AUS and resting cortisol today. Currently on fortiflora calming care and trazodone PRN for anxiety.

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Neutered male

**AGE**

5 ½ years

**WEIGHT**

68 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Carpneater

**HOSPITAL NAME**

Pennridge AH

**REFERRING VET**

Dr. Carpenter

**INVOICE**

76258

**DATE**

7/26/23

**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 was noted. Ureteral papillae were normal.

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 right kidney measured 6.63 cm. The left kidney measured 6.22cm.

**Adrenal Glands**

The left adrenal gland was mildly enlarged and measured 2.85 x 1.05 cm at the caudal pole and 1.17 cm at the cranial pole. The right adrenal gland measured 2.27 x 0.64 cm at the caudal pole and 0.75 cm at the cranial pole.

**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.

**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



**PATIENT**

lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

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**SPECIES**

**Gastrointestinal**

Canine

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.

**BREED**

Mix

**Pancreas**

**SEX**

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.

Neutered male

**AGE**

5 ½ years

**ULTRASONOGRAPHIC FINDINGS**

Structurally unremarkable abdomen.

**WEIGHT**

68 lbs

Slightly enlarged left adrenal gland, likely hyperplasia or a normal variant.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no evidence of pathology. Blood pressure measurements are indicated.

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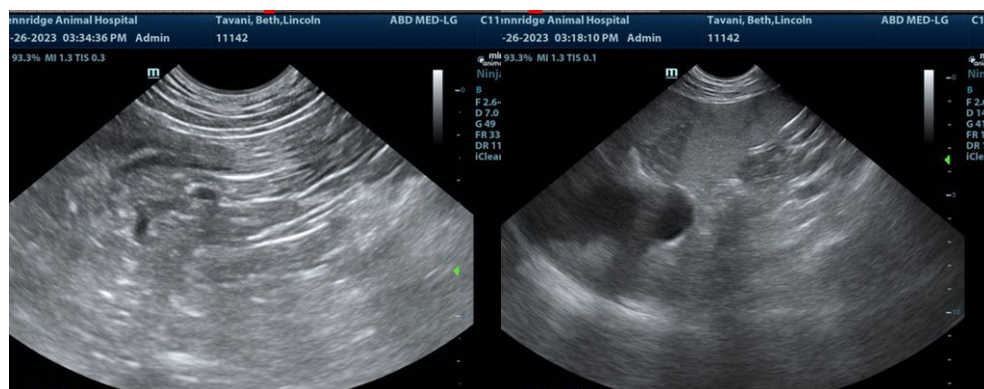
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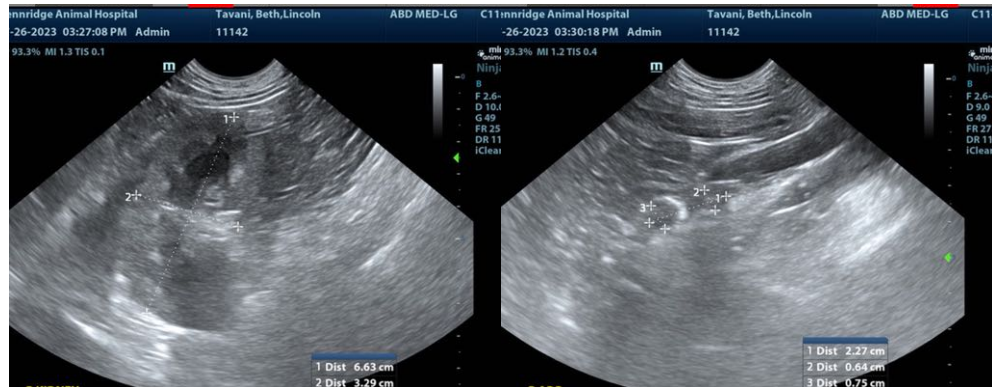
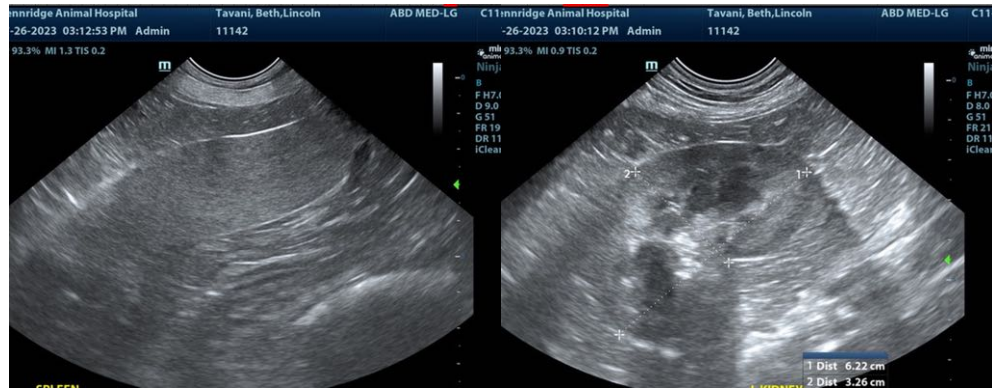
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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