



PATIENT PRESENTING CLINICAL SIGNS

Tori Lauber
SPECIES Canine
BREED Shih Poo
SEX Spayed female
AGE 11 years
WEIGHT 22.7

History: CC COUGH 2/23, NOT RESPONSIVE TO CLAVAMOX, WAS THEN PLACED ON PIMO AND LASIX WAS A BIT BETTER EARLY ON BUT NOT MUCH CHANGE SINCE AND STILL NOT BETTER HERE FOR SECOND OPINION ABOUT HEART FAILURE NOT GETTING BETTER, LETHARGY/COUGHING SINCE 2/23 MEDS PIMOBENDEN AND LASIX BID PET WAS ALSO PLACED ON SOLOXINE DUE TO T4 OF 0.8 (LOW NORMAL) WHILE ON MEDS... PE TODAY NO MURMUR AT ALL, NORMAL RYTHM, NO COUGHING UPON TRACHEAL PALPATION IN HOUSE BNP <500 HEPATOMEGALY, BRONCHOINTERSTITIAL PATTERN ALP FROM 3 WEEKS AGO 572 SUSPECTING CUSHING AND RESPIRATORY DZ VS CARDIAC AND HYPOTHYROIDISM RX STOP SOLOXIN TAPER PIMO AND LASIX START BAYTRIL SID AND TUSSIGON BID R/O RESP DZ VS PH VS OTHER LOW DOSE DEX WILL BE DONE SHORTLY TOO PLZ ADD BP RESULTS FOR TORI TOO AND ADD EXAM WAS DONE WITH LOW DOSE TORB

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 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.0 cm. The left kidney measured 4.5 cm.

Adrenal Glands

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. The right adrenal gland measured 0.99 cm at the cranial pole and 0.5 cm at the caudal pole. The left adrenal gland measured 0.6 cm at the cranial pole and 0.6 cm at the caudal 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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Barnea

HOSPITAL NAME

Tenafly VC

REFERRING VET

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PATIENT

Liver

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The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

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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.

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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.

WEIGHT

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ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are expected changes for this age patient. There was no evidence of visceral disease in the abdomen that would be responsible for the clinical signs.

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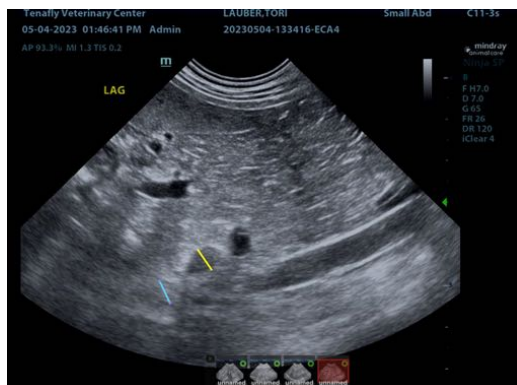
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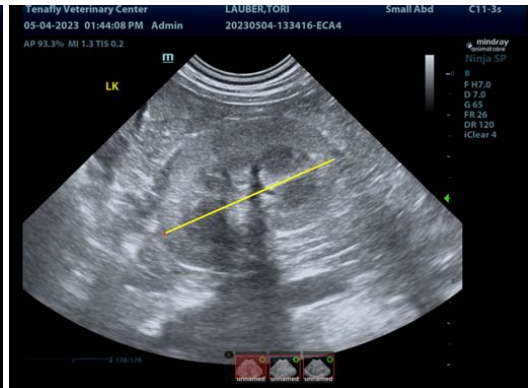
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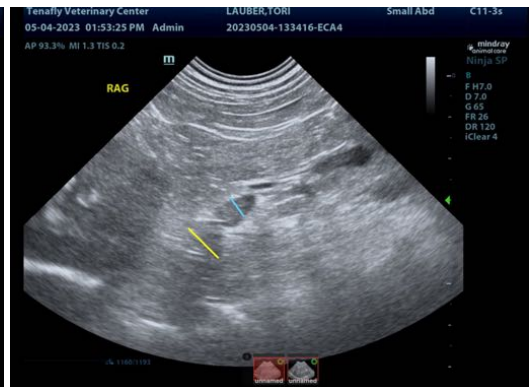
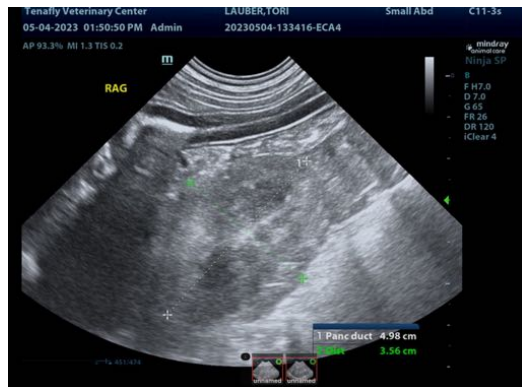
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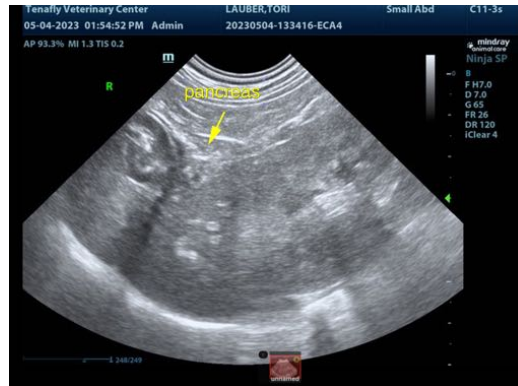
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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