



PATIENT

Brownie Kelcey

SPECIES

Canine

BREED

Chihuahua Mix

SEX

Spayed Female

AGE

12 Years

WEIGHT

11 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Desen Ertunc

HOSPITAL NAME

Healing Spirit AW

REFERRING VET

Dr. Desen Ertunc

INVOICE

17568

DATE

10/3/22

PRESENTING CLINICAL SIGNS

History: Progressive liver enzyme elevation since first noted 1 month prior. Intermittent vomiting present chronically, e/d well. Otherwise clinically doing well.

Abnormal PE/Chem/CBC/UA Results: PE- WNL 8/18/22- CBC/Chem/T4: ALT= 172 (18-121), Chol= 378, otherwise WNL. 9/28- Liver profile: ALT= 306 (20-118) U/L, GGT<5 (0-7), BUN= 6 (7-25). Chol= 298 (125-270), otherwise WNL. BA= 2 (0-25)

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.

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 kidneys measured 4.0 cm each.

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 1.22 cm x 0.36 cm at the caudal pole and 0.7 cm at the cranial pole. The left adrenal gland measured 1.5 cm x 0.53 cm.

Spleen

The **spleen** was largely normal with a hypoechoic 0.3 cm nondisruptive nodule noted in the mid body.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor 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 presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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.

BREED

Chihuahua Mix

ULTRASONOGRAPHIC FINDINGS

- Minor splenic nodules
- Nonspecific inflammatory hepatopathy/reactive hepatopathy
- Largely age-related abdominal changes

SEX

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of significant disease.

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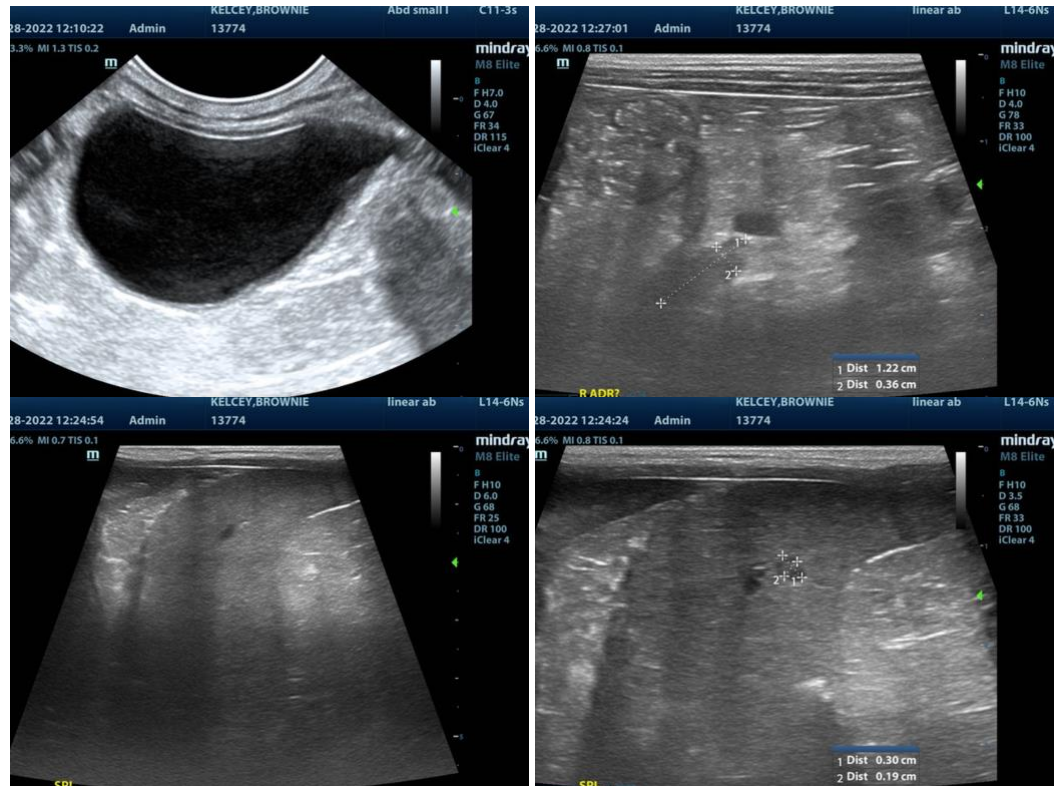
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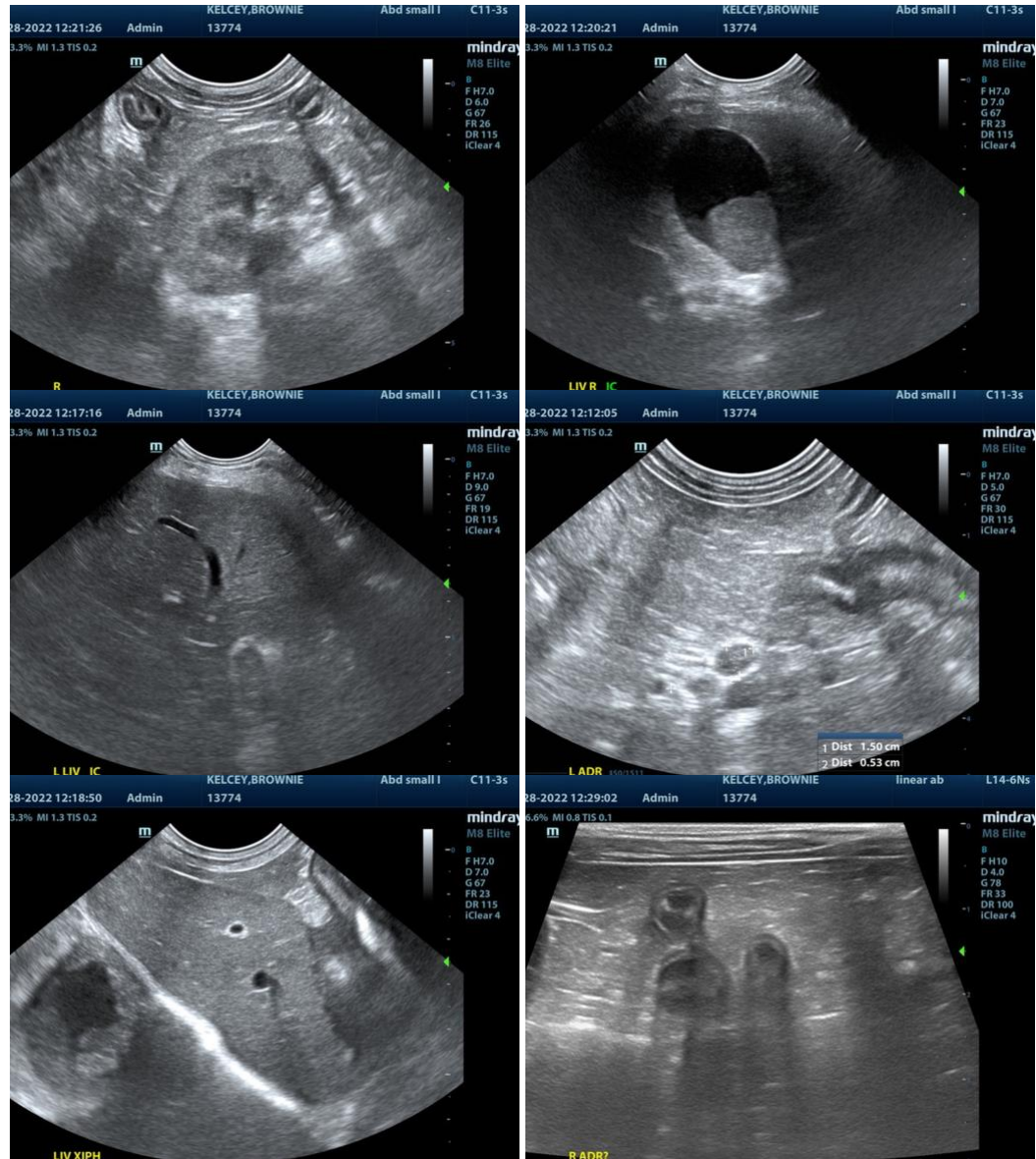
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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