



PATIENT

Daisey Caffet

PRESENTING CLINICAL SIGNS

Lethargic jaundice anorexic non regenerative anemia. Suspect IMHA Blood transfusion given last night
Abnormal PE/Chem/CBC/UA Results: Severe non reg anemia neutrophilia and normal platelets

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

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

Intact female

The uterus was uniform and measured 0.5 cm. The left ovary was cystic and measured 0.75 cm.

AGE

9 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 right kidney measured 4.17 cm. The left kidney measured 4.0 cm.

WEIGHT

5.2 kg

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 left adrenal gland measured 0.5 cm at the cranial pole and 0.46 cm at the caudal pole. The right adrenal gland measured 0.39 cm at the cranial pole and 0.5 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Belan

Spleen

The **spleen** was largely normal with slight, heterogenous changes without significant architectural change. Slight, hypoechoic nodule was noted at the mid caudal spleen measuring 0.34 cm.

HOSPITAL NAME

McKnight 24 Hour AH

Liver

The **liver** presented a minor amount of dependent gallbladder debris in the cystic duct. The liver revealed uniform enlargement. The liver revealed slight coarse architecture. There was no evidence of significant pathology.

REFERRING VET

Dr. Alonso

INVOICE

96462

Gastrointestinal

The **stomach** was over distended with fluid. The small intestines and colon were unremarkable.

DATE

3/1/22



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Pancreas

Daisey Caffet

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

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ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen with gastric ileus.

Cystic left ovary, subjectively benign.

Splenic nodule.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of overt disease that would be responsible for the clinical state assuming hemolytic anemia. However, if cortisone has been utilized then this may be suppressing a more lymphoproliferative state. CBC path review, bone marrow aspirate, liver aspirate and FNA of the splenic nodule would all be indicated after coagulation panel.

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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
info@SonoPath.com