



PATIENT PRESENTING CLINICAL SIGNS

Abbey Hawbecker

History: Presented at our hospital for hospitalization/AUS. Patient was at rDVM Saturday for not eating for a week, PU/PD. rDVM recommended hosp based on bloodwork.

SPECIES

Abnormal PE/Chem/CBC/UA Results: Abdominal: tense, cranial organomegaly Liver panel: Albumin 2.3 L, Glucose 152 H, ALT 870 H, ALP >993 H, GGT 45 H, Total bilirubin 0.6 H EPOC: Ionized Ca 1.11 L, Lactate 3.5 H, Glucose 141 H Flex 4: negative Lepto snap: negative

Canine

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

West Highland Terrier

Urinary System

SEX

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.

Spayed Female

AGE

The **kidneys** appear swollen with enhanced, pericapsular fat. This is suggestive for inflammation. Both kidneys were hypervascular. The right kidney measured 5.32 cm. The left kidney measured 5.52 cm.

9 years

WEIGHT

Adrenal Glands

7.2 kg

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 1.6 x 0.3 cm at the cranial pole and 0.46 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Erin Wicks

Spleen

HOSPITAL NAME

Shores VEC

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.

REFERRING VET

Dr. Lupole

Liver

The **liver** was riddled with multiple, mixed, hypoechoic masses with target appearance, disrupted architecture and pericapsular inflammatory pattern. The gallbladder was deviated dorsal cranially.

INVOICE

92652

Gastrointestinal

DATE

10/26/21

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.



PATIENT

Pancreas

Abbey Hawbecker

The **pancreas** is hypoechoic and irregular.

SPECIES

Free Abdomen

Canine

Reactive mesentery was noted in the abdomen.

BREED

ULTRASONOGRAPHIC FINDINGS

West Highland Terrier

Aggressive, hepatic neoplastic pattern with secondary nephritis or potential emergence of round cell neoplastic kidney infiltrate.

SEX

Concurrent pancreatitis.

Spayed Female

Reactive mesentery.

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

9 years

FNA of the liver and kidneys is recommended. The prognosis is poor depending upon responsiveness to chemotherapy.

WEIGHT

7.2 kg

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HOSPITAL NAME

Shores VEC

REFERRING VET

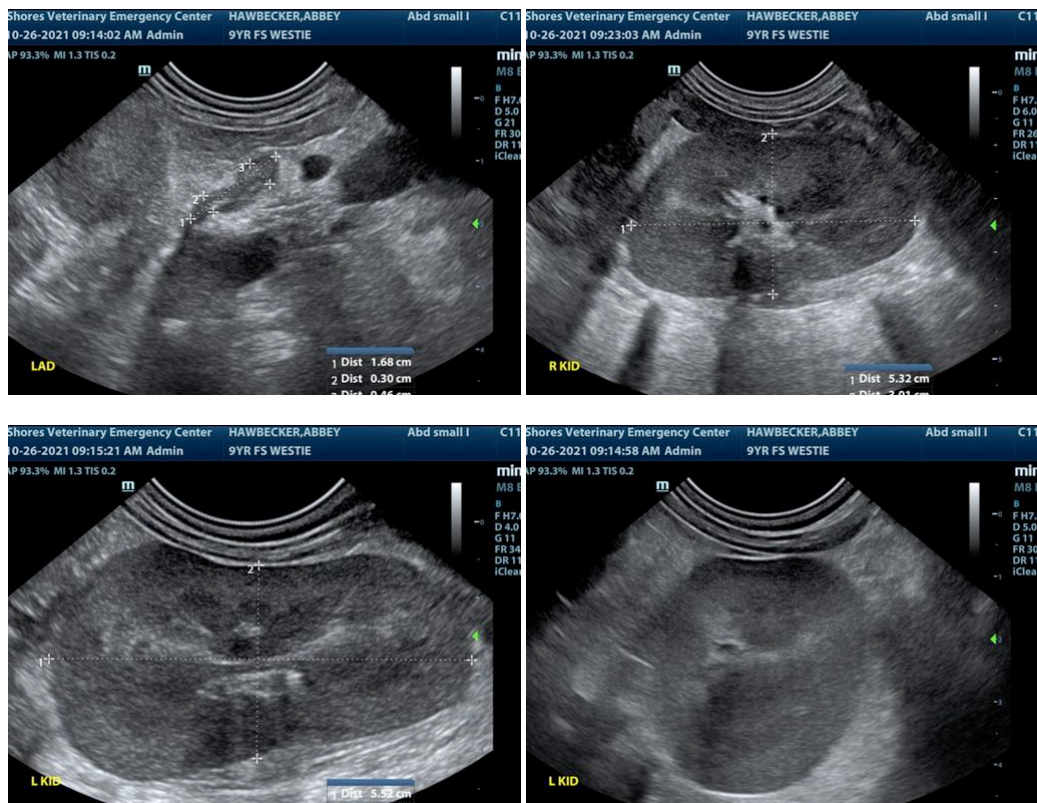
Dr. Lupole

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PATIENT

Abbey Hawbecker

SPECIES

Canine

BREED

West Highland Terrier

SEX

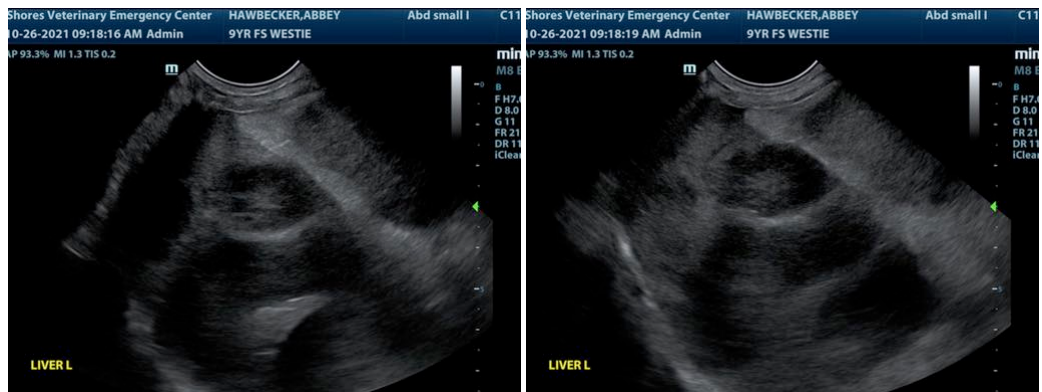
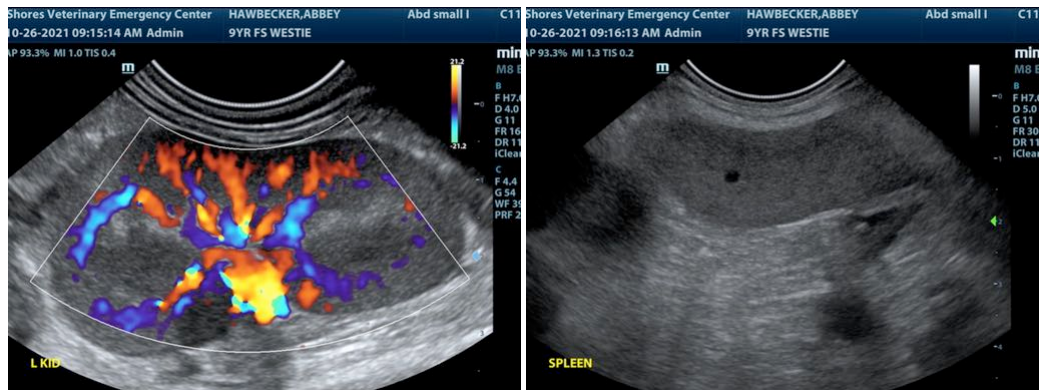
Spayed Female

AGE

9 years

WEIGHT

7.2 kg



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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.

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