



PATIENT PRESENTING CLINICAL SIGNS

Suki Allen Lethargic, not eating. History of elevated liver values. Previous U/S 10/14/2020. Concerned for Lymphoma
Abnormal PE/Chem/CBC/UA Results: ALT 384, ALK PHOS 604, BUN 40, CREAT 2.3 WBC 21.8

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 were noted. Ureteral papillae were normal. An iliac lymph node was mildly enlarged, measuring 1.0 cm x 0.5 cm.

SEX

Spayed Female

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. The right kidney measured 4.06 cm with slight pyelectasia. The left kidney measured 3.55 cm.

AGE

12 Years

Adrenal Glands

WEIGHT

10.2 Pounds

The **left adrenal gland** was 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 1.24 cm x 0.42 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The region of the **right adrenal gland** was unremarkable.

Spleen

IMAGING PERFORMED BY

JK

The **spleen** revealed multifocal hypoechoic nodular changes. A 2.0 cm nodule was noted at the mid body and a separate mixed hypoechoic mass at the cranial pole measuring 2.5 cm.

Liver

HOSPITAL NAME

Hamburg Vet Clinic

The **liver** revealed heterogeneous changes, particularly in the right liver, creating a mass measuring 4.0 cm. The **gallbladder** was overdistended with striating bile, consistent with mucocele formation.

Gastrointestinal

REFERRING VET

Dr. Martens

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.

Pancreas

INVOICE

26787

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.

ULTRASONOGRAPHIC FINDINGS

DATE

11/2/21

- Splenic mass and nodules
- Gallbladder mucocele, probable metastatic disease to the liver



PATIENT

- Moderate chronic renal changes

Suki Allen

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery could be considered in this patient with inspection of the liver and biopsy to check for metastatic disease, which is likely. Round cell neoplasia or hemangiosarcoma possible.

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Spayed Female

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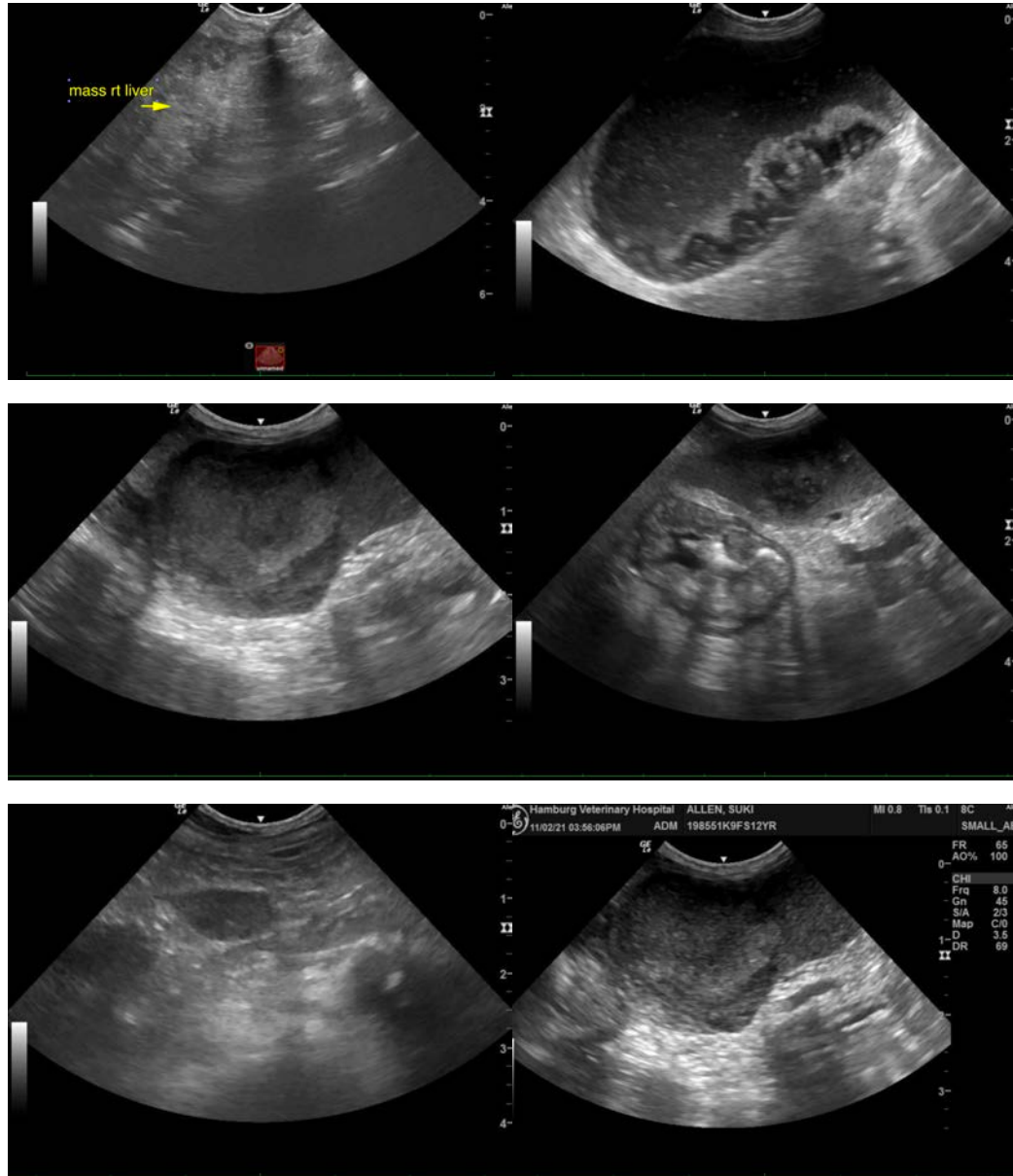
JK

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REFERRING VET

Dr. Martens



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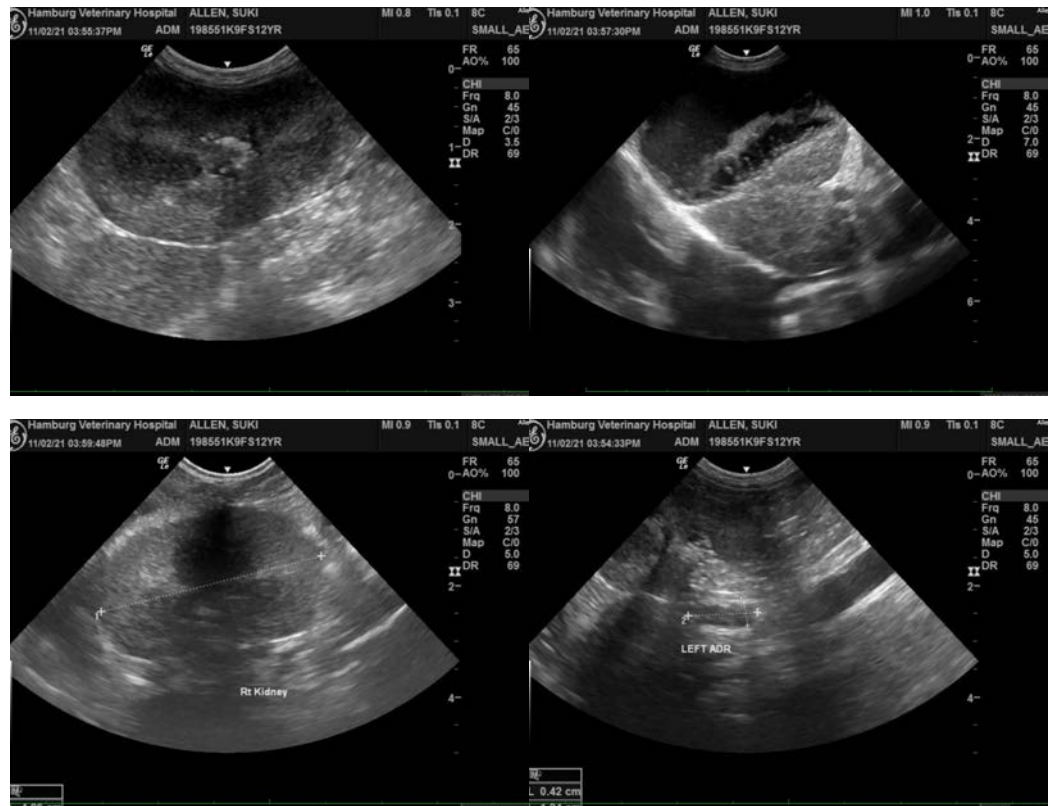
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DATE

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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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