



PATIENT

Tikki Hora

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

5 years

WEIGHT

5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Yashar Alami
Alamdari & JSS

HOSPITAL NAME

King Hopkins Pet
Hospital

REFERRING VET

Dr. Yashar Alami
Alamdari & JSS

INVOICE

95857

DATE

2/7/22

PRESENTING CLINICAL SIGNS

Tikki is a ~5 y/o NM cat adopted by O 3 years ago. O has no information about the background. P has lost around 7 lbs weight since Jun 2021, occasional vomiting. Visited by rDVM and blood work and abd x ray performed. Only mild anemia is revealed in blood work.

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 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 4.6 cm. An infarct was noted in the cranial pole of the left kidney. The left kidney measured 4.1 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 0.3 cm. The left adrenal gland measured 0.44 cm.

Spleen

The **spleen** was uniform and at the upper limits of normal measuring 1.0 cm.

Liver

The **liver** in this patient revealed multi-focal, mixed, hypoechoic target nodules. The nodules coalesced to create moderately complex masses throughout the right and left liver. The caudate process of the liver revealed a separate parenchymal mass that measured 4.5 cm. The largest liver mass measured 3.8 cm. The gallbladder presented acceptably thin walls with primarily anechoic content, yet was deviated caudally. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.

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 **pancreas** revealed minor, heterogenous parenchymal changes in the right limb. This is not a primary issue.

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Free Abdomen

Free fluid was noted between the liver lobes. This is consistent with paraneoplastic effusion.

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ULTRASONOGRAPHIC FINDINGS

Multi-focal, hepatic neoplasia.

Concurrent minor pancreatitis pattern.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the parenchymal masses is recommended for further definition; however, the long term prognosis is poor. Some palliative therapy may prove effective from a quality of life standpoint. Based on the sonographic findings of the abdomen this patient is likely older than 5 years.

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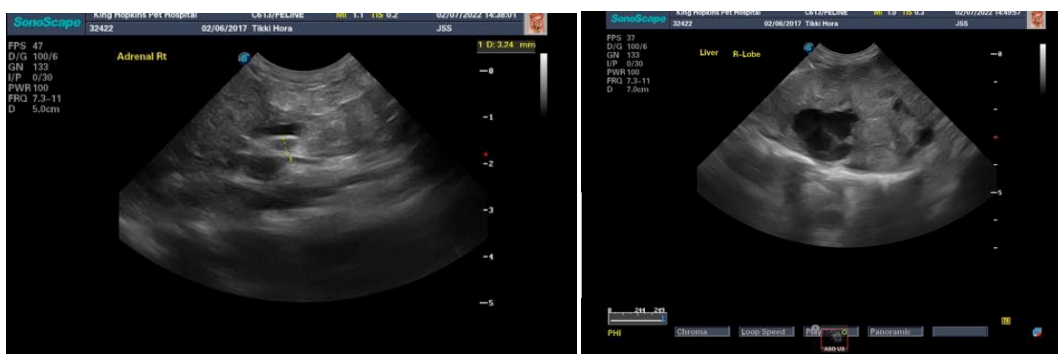
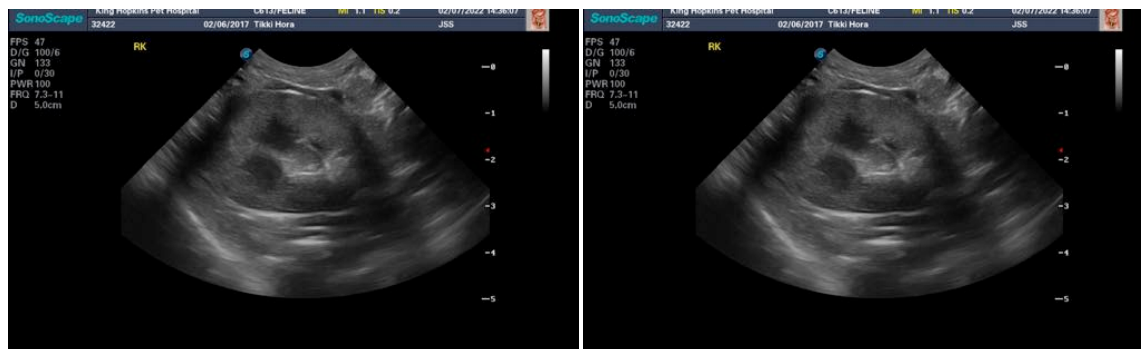
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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