



PATIENT

Burt Reynolds Kiao

SPECIES

Canine

BREED

Beagle Mix

SEX

Neutered male

AGE

7 years

WEIGHT

55 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Todd

INVOICE

45062

DATE

7/4/23

PRESENTING CLINICAL SIGNS

History: Hx of 1 bout of vomiting this morning; inappetence, hiding, ADR for 24 hours; Pendulous abdomen; arthritis present Current medications: Thyrozine, apoquel
Abnormal PE/Chem/CBC/UA Results: See attached - Azotemic; regenerative anemia; thrombocytopenia; monocytosis; See attached radiographs: Free fluid; rounded and caudally displaced spleen; enlarged liver (mild); caudoventrally displaced stomach

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction and appeared normal. 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 prostate measured 1.0 cm.

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 7.28 cm with a hyperechoic nodule at the cranial pole. This may be metastatic. The left kidney measured 6.64 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 2.91 x 1.52 cm at the cranial pole and 0.51 cm at the caudal pole. The left adrenal gland measured 2.8 x 0.67 cm at the cranial pole and 0.67 cm at the caudal pole.

Spleen

The **spleen** revealed an expansive, disruptive, irregular mass that was deriving from the mid caudal body and expanded upon the capsule with capsular escape.

Liver

The **liver** revealed multi-focal, mixed echogenic nodular changes with target type appearance. This is strongly suggestive for a neoplastic process. The gallbladder revealed a minor amount of polyyps.

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



PATIENT

Burt Reynolds Kiao

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

SPECIES

Canine

Pancreas

The left limb of the **pancreas** was mildly irregular and slightly heterogenous measuring 1.68 cm in length.

BREED

Beagle Mix

Free Abdomen

The iliac lymph nodes measured up to 2.12 x 1.2 cm and was reactive.

SEX

Neutered male

Regional free fluid was noted as well as omental nodules. This is suggestive for a metastatic process. The nodule was noted in the sublumbar fat. This is likely distorted lymph nodes. Other heterogenous parenchymal changes were noted in the spleen.

AGE

7 years

ULTRASONOGRAPHIC FINDINGS

Multi-centric sarcoma pattern in the spleen, liver, potentially right kidney and lymph nodes.

WEIGHT

55 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery with splenectomy and liver biopsy can be considered; however, medical stabilization and FNA of the spleen and liver would be warranted for screening purposes +/- FNA of the nodule in the cranial pole of the right kidney. Rapid view of the heart revealed no evidence of pathology. Multi-centric sarcoma is suspected.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

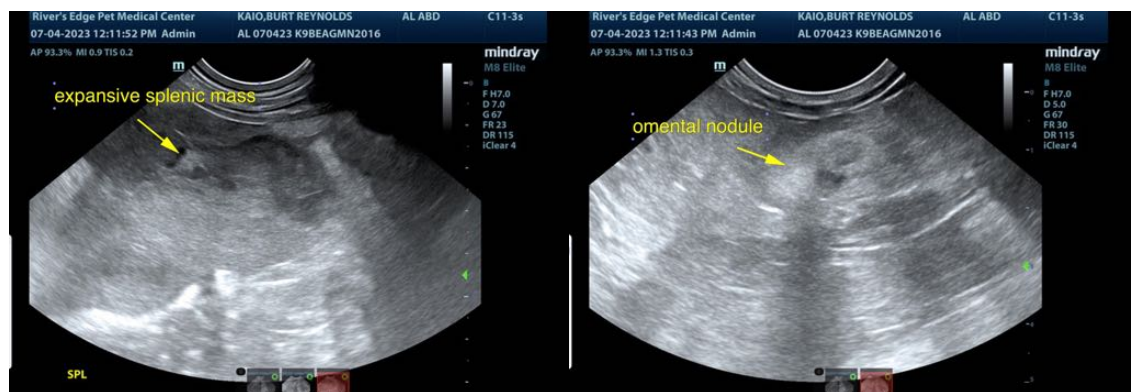
Dr. Todd

INVOICE

45062

DATE

7/4/23





PATIENT

Burt Reynolds Kiao

SPECIES

Canine

BREED

Beagle Mix

SEX

Neutered male

AGE

7 years

WEIGHT

55 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

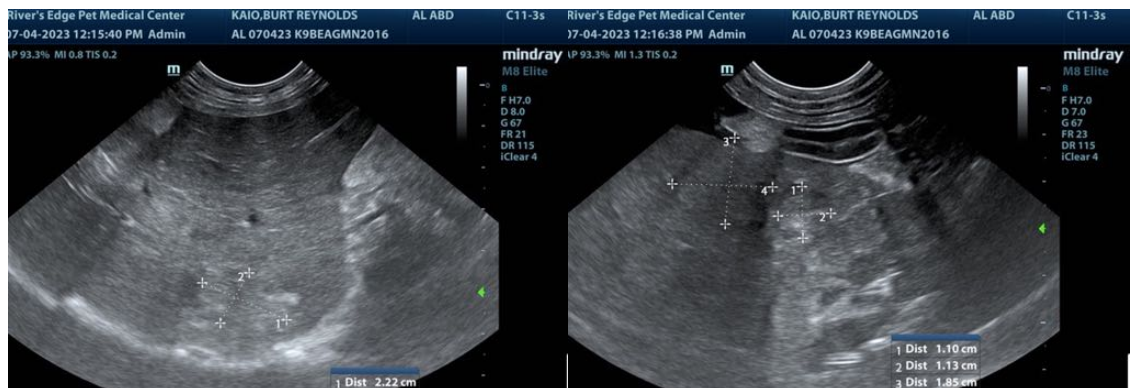
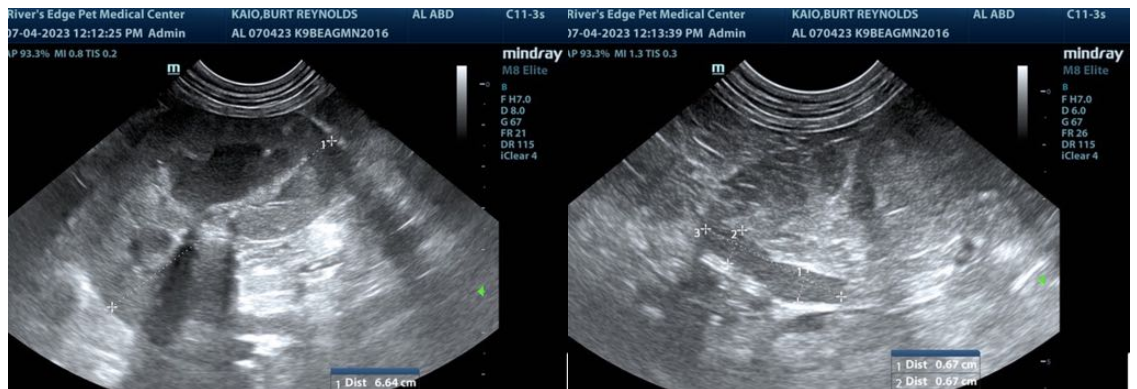
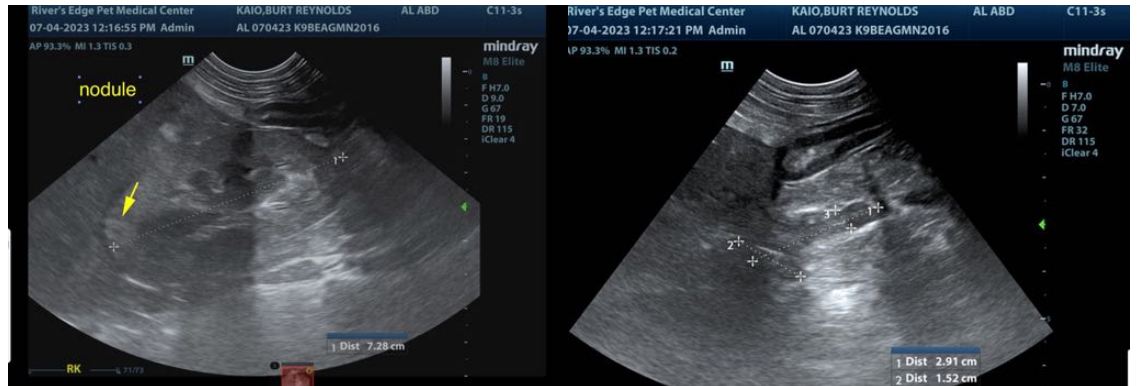
Dr. Todd

INVOICE

45062

DATE

7/4/23





PATIENT

Burt Reynolds Kiao

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.

SPECIES

Canine

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.

BREED

Beagle Mix

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Neutered male

AGE

7 years

WEIGHT

55 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amanda Crook SDEP
Certified clinical
Sonographer

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Todd

INVOICE

45062

DATE

7/4/23