



PATIENT

Titus Rivera

SPECIES

Canine

BREED

Mastiff

SEX

Neutered Male

AGE

10 Years

WEIGHT

115 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Chloe Lowe, CVT

HOSPITAL NAME

Animal Mansion
Veterinary Hospital

REFERRING VET

Dr. Parker

INVOICE

75275

DATE

5/19/26

PRESENTING CLINICAL SIGNS

Increased alk phos. Pet recently had episode of bloated abdomen and lethargy. Pet is weak in legs and has temporal muscle atrophy. Good appetite and demeanor. Carprofen 100 mg BID.

Abnormal PE/Chem/CBC/UA Results: Increased alk phos 698

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

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 and no evidence of pelvic dilation was present. Left kidney measured 7.6 cm. Right kidney measured 8.7 cm.

Adrenal Glands

The **left adrenal gland** was slightly enlarged at the cranial pole, measuring 2.2 cm in length x 1.23 cm at the cranial pole and 0.72 cm at the caudal pole.

The **right adrenal gland** was mildly heterogeneous, relatively normal in size and contour to slightly enlarged, measuring 3.5 cm x 1.7 cm at the cranial pole and 0.93 cm at the caudal pole.

Spleen

The **spleen** revealed a mixed echogenic expansive mass at the mid cranial body, non-cavitated, most consistent with stromal tumor. However, granulomatous or low-grade tumor possible. The mass measured 3.6 cm. A 2nd echogenic nodular parenchymal mass was present measuring 7.5 cm.

Liver

The **liver** revealed mixed echogenic to hyperechoic nodules. The gallbladder and common bile duct were unremarkable.

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.

Pancreas

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.



PATIENT

Titus Rivera

SPECIES

Canine

BREED

Mastiff

SEX

Neutered Male

AGE

10 Years

WEIGHT

115 lbs

INTERPRETED BY

Eric Lindquist, DMV,
 DABVP (CFM), Cert.
 IVUSS

IMAGING PERFORMED BY

Chloe Lowe, CVT

HOSPITAL NAME

Animal Mansion
 Veterinary Hospital

REFERRING VET

Dr. Parker

INVOICE

75275

DATE

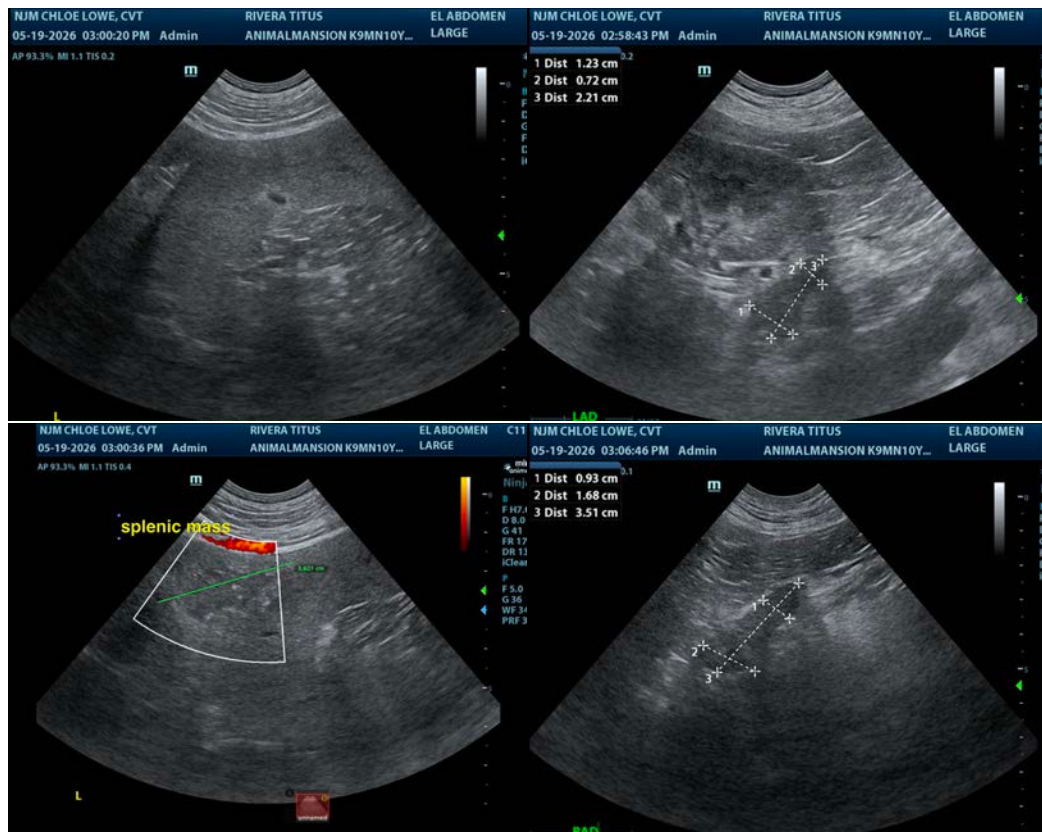
5/19/26

ULTRASONOGRAPHIC FINDINGS

- Prominent adrenal glands.
- Multiple splenic masses – strong concern for stromal tumor.
- Hepatic nodules - Hyperplasia of the liver versus metastatic disease are primary concerns.
- Age related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the splenic and hepatic lesions recommended for staging purposes, or direct splenectomy indicated with liver inspection and biopsy. Chest radiographs and echocardiogram warranted to assess for metastatic disease.





PATIENT

Titus Rivera

SPECIES

Canine

BREED

Mastiff

SEX

Neutered Male

AGE

10 Years

WEIGHT

115 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Chloe Lowe, CVT

HOSPITAL NAME

Animal Mansion
Veterinary Hospital

REFERRING VET

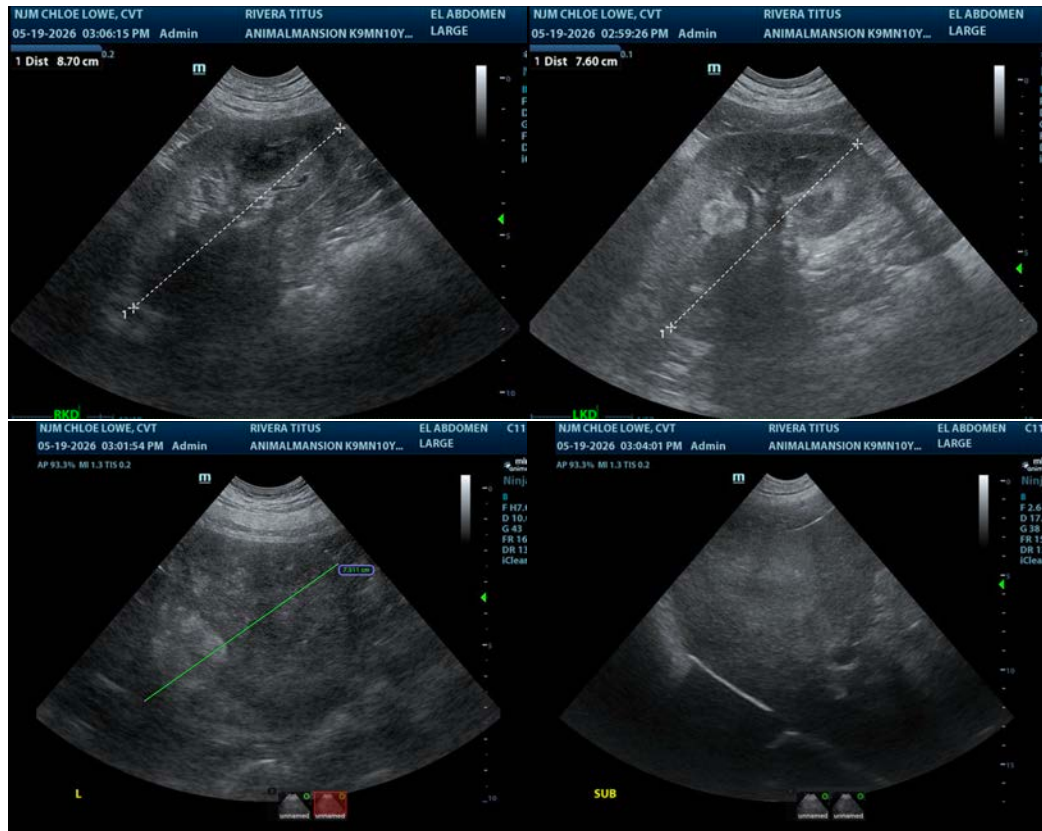
Dr. Parker

INVOICE

75275

DATE

5/19/26



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(CFM), Cert. IVUSS,
CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com