



PATIENT

Gizmo Monsees

SPECIES

Canine

BREED

Pug x Beagle

SEX

Neutered Male

AGE

7 Years

WEIGHT

42.5 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Jeremiah Gabriel

HOSPITAL NAME

Central Jersey Animal
Hospital

REFERRING VET

Dr. Jeremiah Gabriel

INVOICE

75312

DATE

5/20/26

PRESENTING CLINICAL SIGNS

Vomiting, anorexia, lethargic, losing weight
Abnormal PE/Chem/CBC/UA Results: high ALT , ALP BG 392 UA shoes ketones

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 2.0 cm beyond the cystourethral junction.

The **right kidney** was mildly swollen with slight increased corticomedullary hyperechoic band with slight pyelectasia. Right kidney measured 6.86 cm.

The **left kidney** presented a hyperechoic medullary rim band and measured 5.87 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. Left adrenal gland measured 0.50 cm. Right measured 0.80 cm at the cranial pole and 0.40 cm at the caudal pole.

Spleen

The **spleen** revealed a focal parenchymal mass measuring 3.4 cm. Capsular expansion noted. Other heterogeneous nodular changes noted, non-disruptive.

Liver

The **liver** was diffusely hyperechoic with attenuating sound beam, consistent with metabolic hepatopathy. 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.

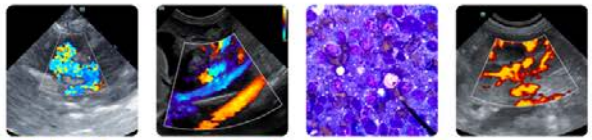
Pancreas

The left **pancreatic** limb was hypoechoic and irregular with mild irregular swelling, measuring 3.1 cm x 1.5 cm.

Free Abdomen

Large amount of abdominal fat noted in this patient.

Rapid view of the heart revealed no evidence of gross pathology.



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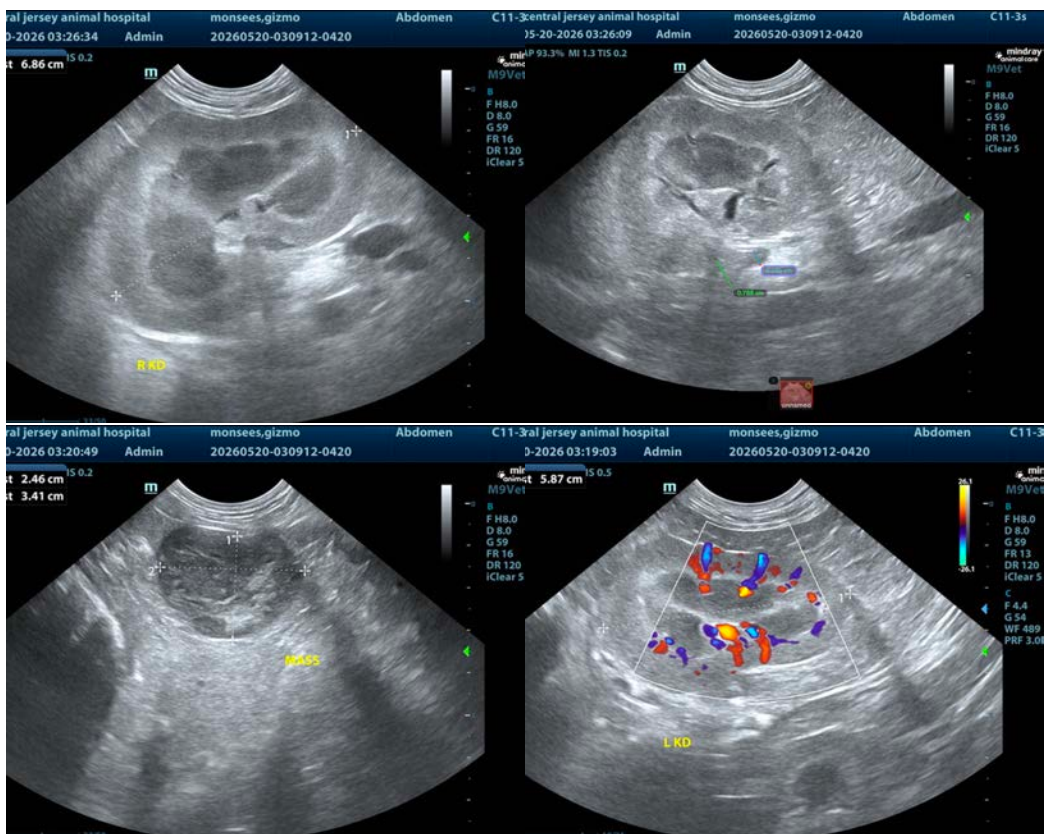
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ULTRASONOGRAPHIC FINDINGS

- Renal pyelectasia.
- Metabolic hepatopathy.
- Focal splenic mass – Differentials include stromal tumor, hemangiosarcoma, or round cell neoplasia.
- Hypoechoic, irregular left pancreas.
- Large amount of abdominal fat.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinary workup warranted to assess for UTI. Full echocardiogram with right auricular assessment recommended. Chest radiographs warranted followed by proactive splenectomy. Liver biopsy could be performed at the time of surgery. The hyperechoic band in the kidneys is likely secondary to the diabetic state. Pyelectasia may represent scarring or potential embedded infection if any evidence of UTI is present.





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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.

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