

**DATE PRESENTING CLINICAL SIGNS**

5/5/23

History: Several weeks of being sluggish and lethargic, poor eating/appetite, F/UO ranging from 103.7 - 102.7, has slightly responded to carprofen and Augmentin, elevated WBC and neutrophil count with very mild Alk phos elevation, RADS showed colon noticeably pushed ventrally.

PATIENT

Cooper Maher

Current Medications: Carprofen 200 mg daily, Augmentin 625 mg BID/ thyroxine 0.8 mg am and 0.4 mg pm
 Lab Results: Elevated neutrophils/WBC.

SPECIES

Radiographs: Colon pushed ventrally. Chest: pending today.

Canine

Date of Previous IntraPet Ultrasound: No previous.

BREED

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

Labrador Retriever

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX****Urinary System**

Neutered Male

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.

AGE

6/8/10

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 left kidney measured 7.54 cm. The right kidney measured 7.74 cm.

WEIGHT

109.3 Pounds

INTERPRETED BY**Adrenal Glands**

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

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 left adrenal gland measured 2.49 cm x 0.85 cm at the caudal pole and 0.7 cm at the cranial pole. The right adrenal gland measured 2.93 cm x 0.95 cm at the caudal pole and 1.09 cm at the cranial pole.

HOSPITAL NAME

Pleasantville AH

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

REFERRING VET

Dr. Gounaris

Liver**INVOICE**

The **liver** revealed coarse architecture and increased portal markings. The liver was mildly subnormal in size. The gallbladder and common bile ducts were unremarkable.

22339

Gastrointestinal

The upper **gastrointestinal tract** was unremarkable, yet minor small intestinal thickening was noted. The colon was unremarkable.

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.

Free Abdomen

Adjacent to the body wall, there is a lesion that appears to be a retained testicle; however, undifferentiated mass of other origin is possible with surrounding free fluid.

An undifferentiated mass was noted in the caudal abdomen, likely of lymph node origin, bilobed. Each structure measured approximately 3.0 cm, a grouping of which measured 5.0 cm with regional inflammation.

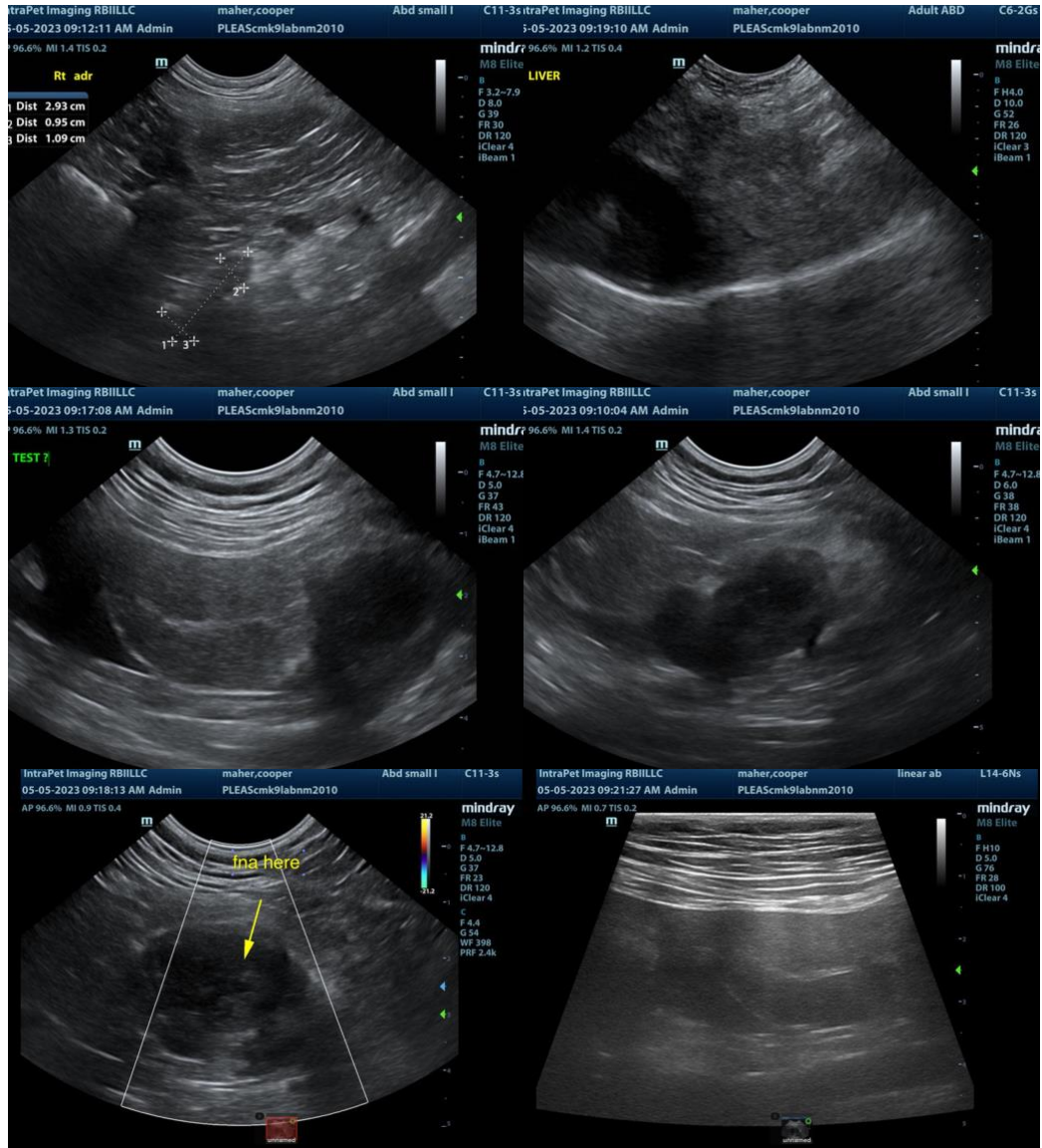
ULTRASONOGRAPHIC FINDINGS

- Lesion caudal to the body wall that appears to be a retained testicle; however, undifferentiated mass of other origin is possible with surrounding free fluid.
- Undifferentiated mass in the caudal abdomen, likely of lymph node origin
- Hepatic remodeling
- Minor small intestinal thickening

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory surgery could be considered, or ultrasound guided FNA of the suspected retained testicle and undifferentiated mass is indicated for further definition. The presumed retained testicle appeared to be localized at the inguinal canal. Bile acid profile is warranted. Two separate pathologies may be intact, however, the free fluid and inflammation are concerning.





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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