**DATE**

8/18/21

PRESENTING CLINICAL SIGNS

History: Weight loss initially . Pet has always been slender. Lethargic at times. Growth on left rear leg. Large 13 x 9 cm lump was noted upper caudo- medial L thigh was noted and seemed to appear quickly.

Current Medications: Carprofen 100 mg Chewable: ½ tab po bid prn pain and inflammation.

Lab Results: SDMA 18, PCV slightly increased, 4 DX neg, Fecal neg, FNA = sarcoma or carcinoma.

Radiographs: Attached separately.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: IV utilized for AUS

Stat Report: not requested

PATIENT

Abby Bopp

SPECIES

Canine

BREED

Boxer

SEX

Spayed Female

AGE

11/4/11

WEIGHT

54.6 lbs

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**HOSPITAL NAME**

Rolling Hills AH

REFERRING VET

Dr. Gividen

INVOICE

91342

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 iliac trifurcation and pelvis revealed a mixed tissue and cystic cavitated mass. The tissue thickening measured 2.0 x 1.5 cm. FNA of this structure is recommended. The structure is surrounded by cystic changes. This may be lymph node in origin.

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.6 cm. The right kidney measured 6.27 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 left adrenal gland measured 2.91 x 0.76 cm at the caudal pole and 0.76 cm at the cranial pole. The right adrenal gland measured 3.32 x 0.7 cm at the caudal pole and 0.79 cm at the cranial pole.

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes 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. The colic lymph node was enlarged, hypoechoic and irregular measuring 2.0 cm.

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

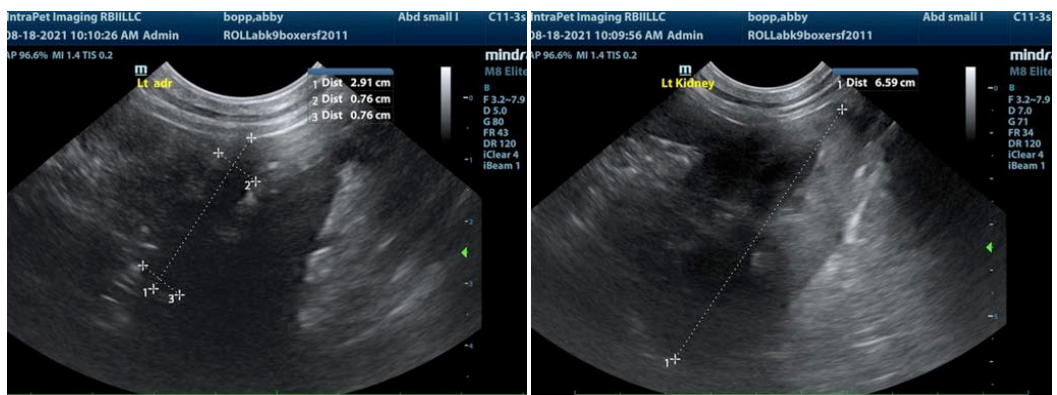
The left hind limb revealed a muscular based mass that measured 7.68 x 3.8 cm undifferentiated mass. This is strongly consistent with sarcoma.

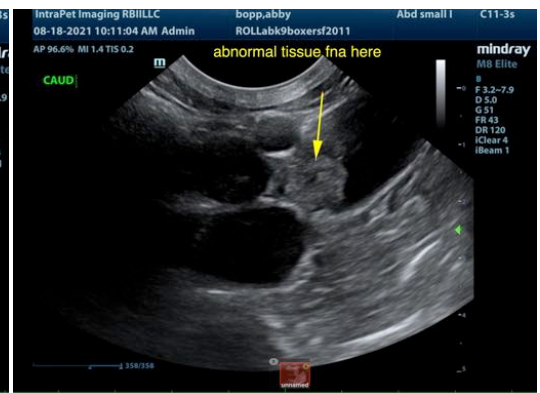
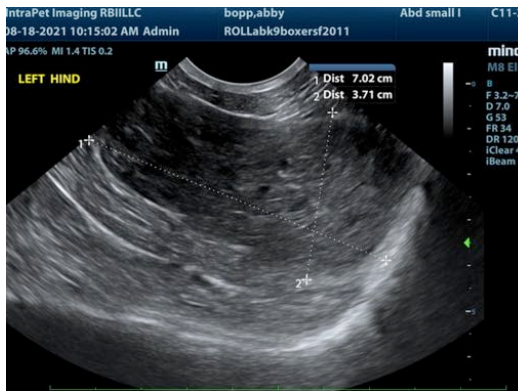
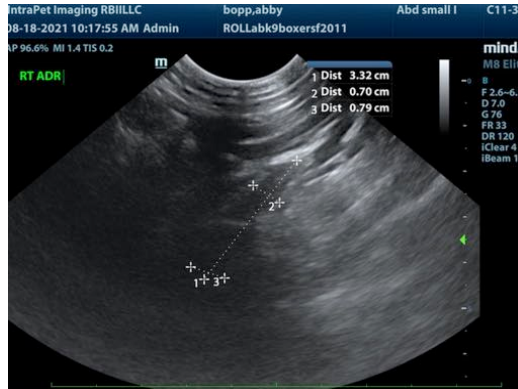
ULTRASONOGRAPHIC FINDINGS

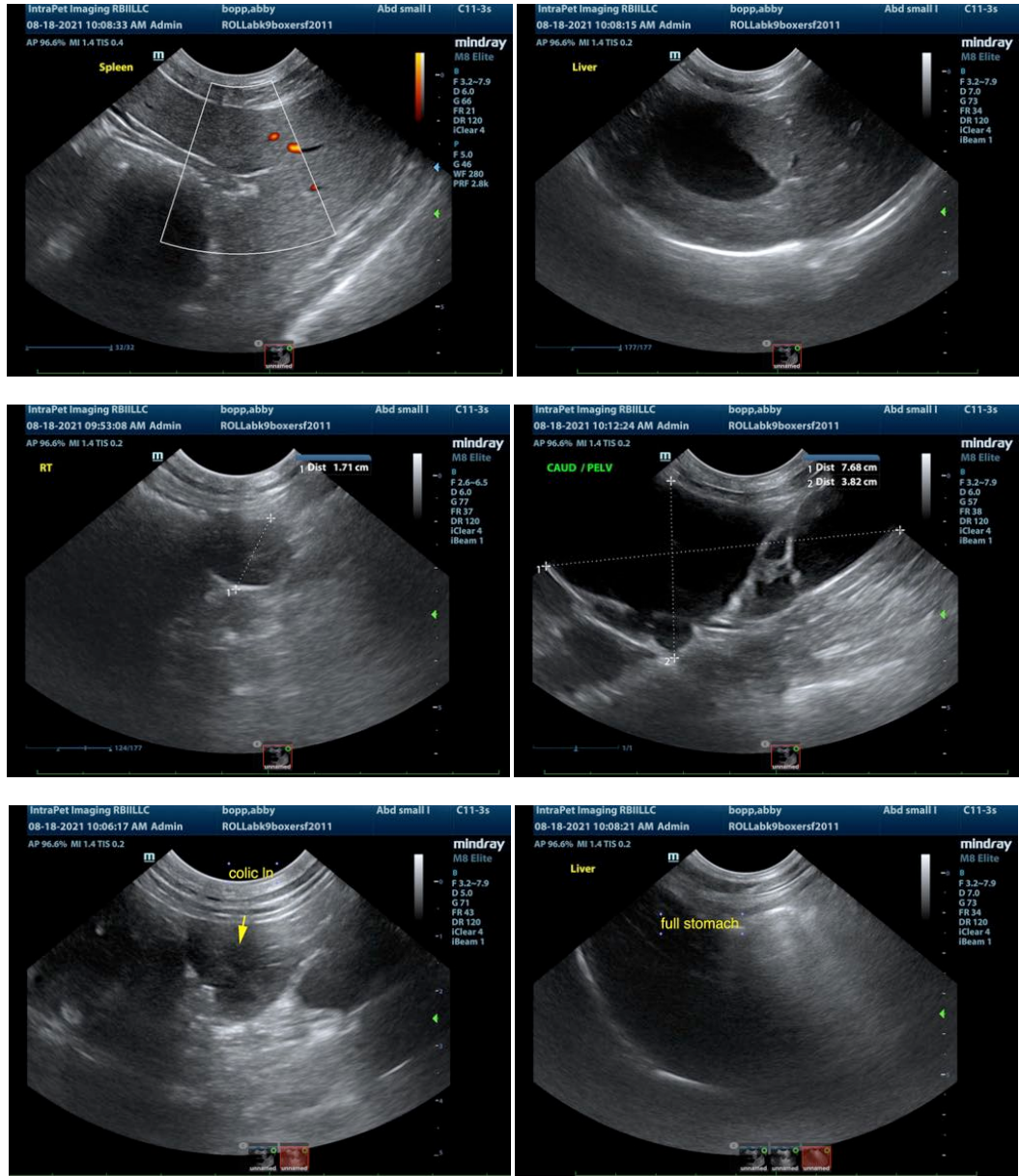
Hind limb mass, likely sarcoma. Concern for metastasis to the colic/sublumbar lymph node and iliac lymph node with secondary cystic formation likely owing to lymphatic obstruction.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the colic lymph node and tissue portion of the iliac pathology is recommended. Oncological intervention is recommended. This is likely sarcoma. Chemoreduction is likely the best option in this patient. However, oncologist consultation is recommended.







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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