



PATIENT

Trinket Mirabella

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

12 Years 6 Months

WEIGHT

6.4

INTERPRETED BY

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

IMAGING PERFORMED BY

John Ammeraal, DVM

HOSPITAL NAME

Sova AH

REFERRING VET

John Ammeraal, DVM

INVOICE

35943

DATE

12/16/25

PRESENTING CLINICAL SIGNS

History: Presented in OCT for chronic vomiting, rec AUS then. Presented 12/13= ,o Anorexic since Fri , Lethargic and hiding. Lost 1.2 lbs since Oct.

Abnormal PE/Chem/CBC/UA Results: BCS 3/9, Spleen prominent on exam. ALKP321 U/L , TBili 1.8 mg/dL CBC WBC 35,800 /uL , Lymphocytes 25775/uL , Monocytes 1790/uL UA: Protein 1+ USG: 1.050 Bilirubin 2+

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 **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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. Mineralization was noted in the kidneys. The left kidney measured 3.58 cm. The right kidney measured 3.53 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 0.6 cm. The right adrenal gland measured 0.32 cm.

Spleen

The **spleen** was enlarged (1.8 cm) with micronodular changes and scalloping contour.

Liver

The **liver** was swollen with coarse architecture and increased portal markings. Isoechoic nodular changes were noted. The gallbladder revealed mild overdistention.

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.



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Free Abdomen

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Free fluid was noted in the abdomen. Multifocal mesenteric and cranial abdominal lymph nodes were noted, as well as hepatic lymph nodes. A mesenteric lymph node mass was noted in the mid abdomen, measuring 2.1 cm x 2.4 cm.

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ULTRASONOGRAPHIC FINDINGS

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- Multicentric lymphoma pattern involving the spleen, liver, and lymph nodes, with free fluid consistent with lymphomatosis.
- Age-related renal changes with mineralization.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen, liver, and lymph nodes is indicated for further definition.

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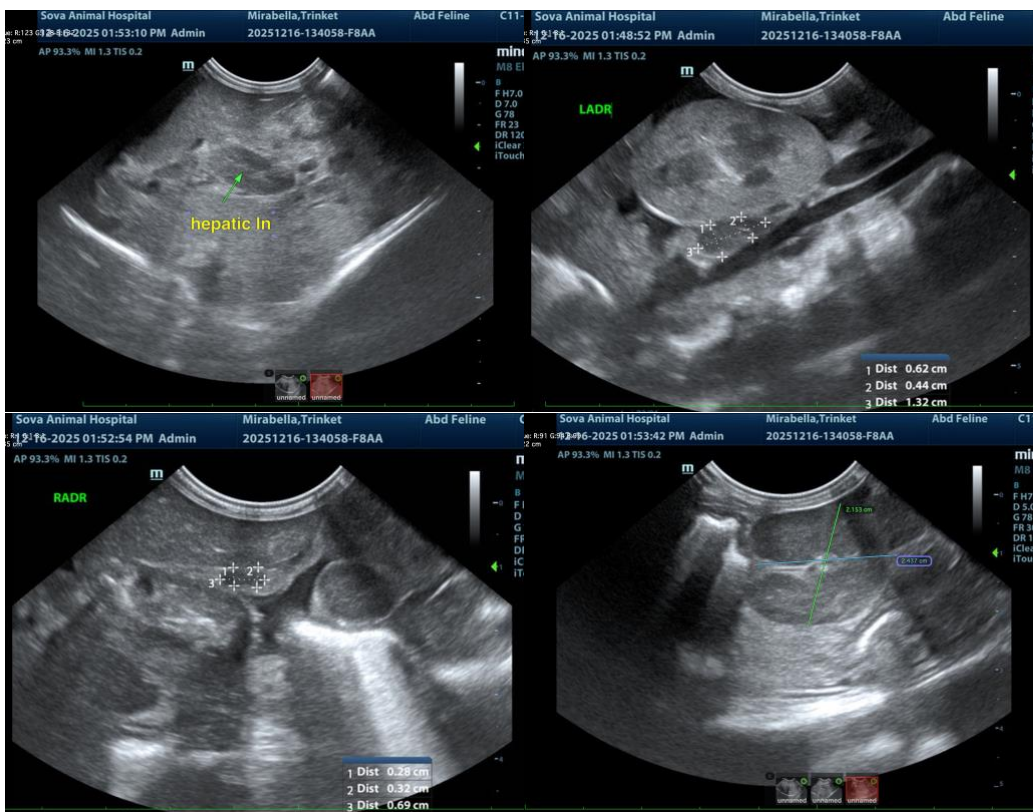
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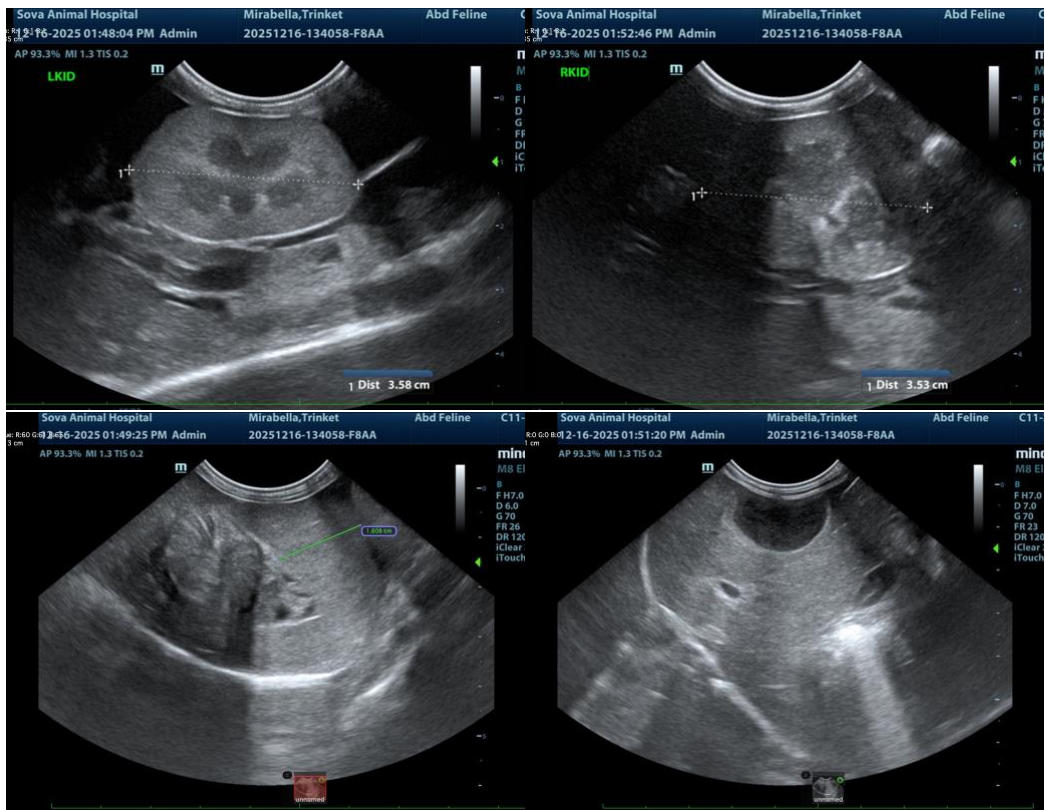
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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