



## PATIENT

Tifa Giacchino

## SPECIES

Canine

## BREED

Labrador Mix

## SEX

Spayed female

## AGE

12 years

## WEIGHT

47.2 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Chelsea Pastor

## HOSPITAL NAME

Fredon AH

## REFERRING VET

Dr. Grau

## INVOICE

74184

## DATE

4/6/26

## PRESENTING CLINICAL SIGNS

- Lethargy, trouble getting up
- PE: BCS 5/9 CBC: RBC 4.47, Hematocrit 31.8, Hemoglobin 10.4, WBC 17 CHEM: SDMA 17 BUN 33 Potassium 3.7 ALP 322 4dx-neg

## 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 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 6.7 cm. The right kidney measured 6.1 cm.

### Adrenal Glands

The **left adrenal gland** was 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 0.65 cm. The right adrenal gland was not visualized.

### Spleen

The **spleen** was enlarged, nodular and irregular with hypoechoic nodular changes. Scalloping, irregular contour and enhanced mesentery was noted.

### Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. The liver was riddled with multiple, mixed, hypoechoic nodular changes and areas of free fluid. The architecture was disrupted and there was disorganized parenchyma. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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## 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

Enhanced mesentery was noted throughout the **pancreas**. This is suggestive for secondary pancreatitis owing to splenohepatic infiltrative disease.

## Free Abdomen

Free fluid was noted throughout the abdomen.

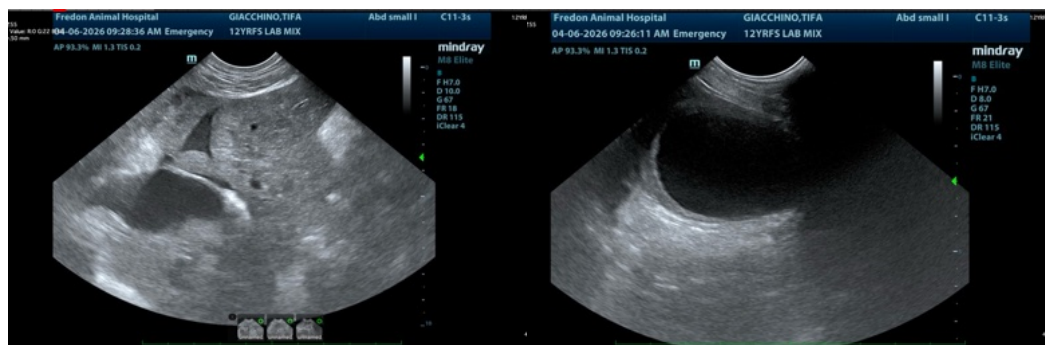
## ULTRASONOGRAPHIC FINDINGS

Splenohepatic infiltrative disease.

Sarcoma is suspected.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25-gauge FNA of the spleen and liver, abdominocentesis and cytospin are all indicated. Mast cell disease is also a remote potential.





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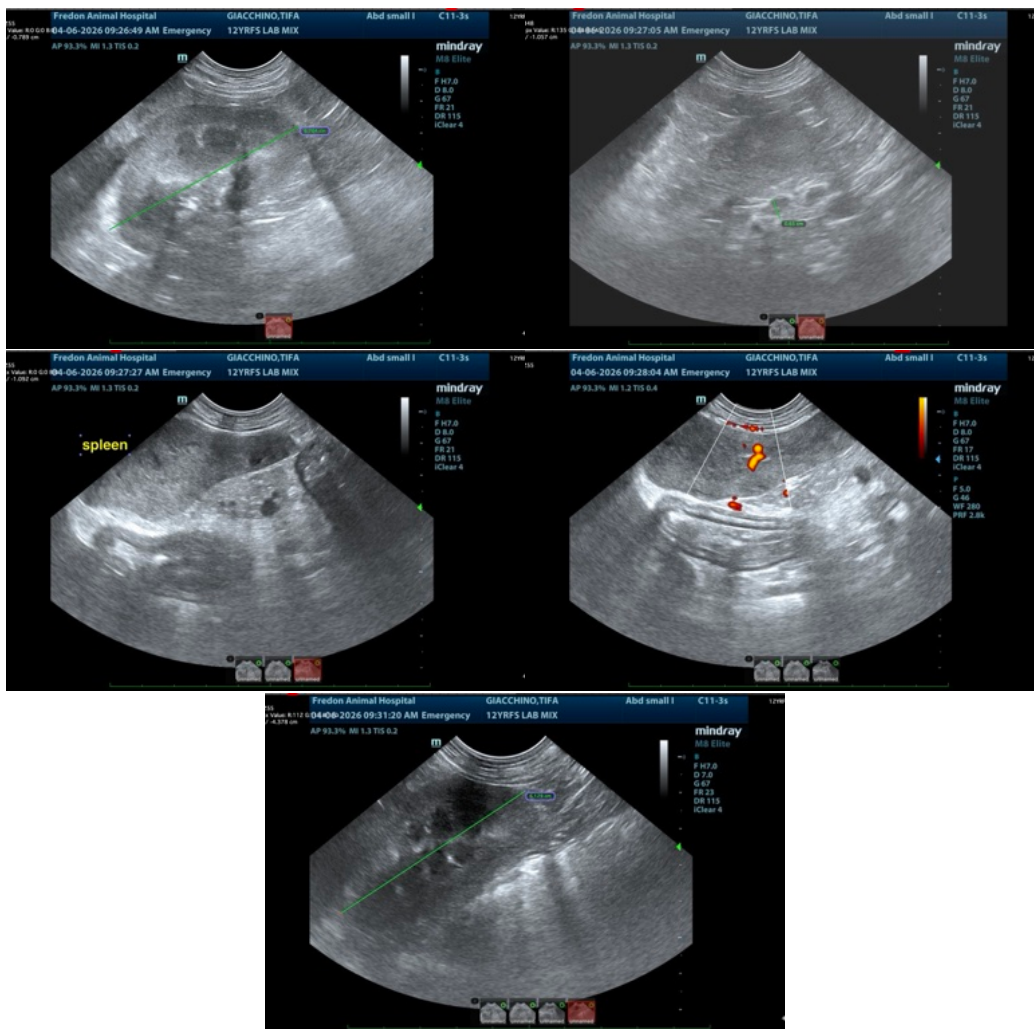
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, CEO of SonoPath.com

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