



## PATIENT

Penny McCurdy

## SPECIES

Canine

## BREED

Pitbull

## SEX

Spayed female

## AGE

10 years

## WEIGHT

19.5 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Meghan Myers

## HOSPITAL NAME

Hershey Animal  
Emergency Center

## REFERRING VET

Dr. Gastelu

## INVOICE

69770

## DATE

1/1/26

## PRESENTING CLINICAL SIGNS

History: Tie back surgery for lar par, had been vomiting. Peripheral lymphadenopathy, chest clear for metastasis. FNA of two LN. PE:mod-marked peripheral lymphadenopathy. increased RE/RR.  
Abnormal PE/Chem/CBC/UA Results: AFAST: no effusions seen. Rads: no pulm mets seen. CBC: Neut = 12.4k, Plt = 65k. Blood smear: Plt clumping seen. Chem: WNLs. EPOC: Lact = 3.08. Imagyst from popliteal LN : Cytologically consistent with lymphoma.

## 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 6.1 cm. The right kidney measured 5.7 cm.

The iliac lymph nodes were enlarged. The largest iliac lymph node measured 3.5 x 1.1 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 right adrenal gland measured 0.68 cm. The left adrenal gland measured 0.56 cm.

### Spleen

The **spleen** revealed diffuse, micronodular changes in a honeycomb type pattern with generalized enlargement up to 3.0 cm. This is strongly consistent with infiltrative disease.

### Liver

The **liver** was swollen with mildly increased portal markings given the splenic presentation. Metastatic disease to the liver is a strong potential. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. The hepatic lymph nodes were enlarged and measured up to 3.2 x 1.4 cm.



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**Gastrointestinal**

The **stomach** revealed some shadowing material that measured up to 2.0 cm. The small intestines and colon were unremarkable with normal curvilinear mural patterns and content.

**Pancreas**

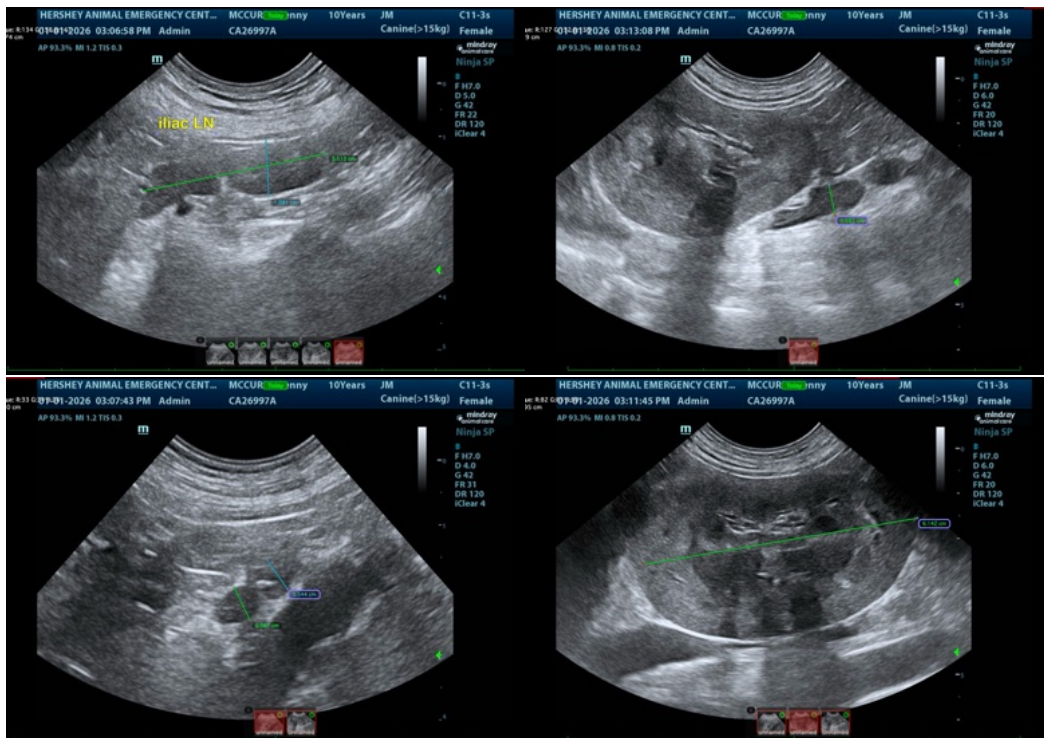
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**ULTRASONOGRAPHIC FINDINGS**

Multi-centric infiltrative pattern including iliac and hepatic lymph nodes. Splenic infiltrative pattern, potential hepatic involvement.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Ultrasound-guided FNA of the spleen, liver and accessible lymph nodes are indicated.





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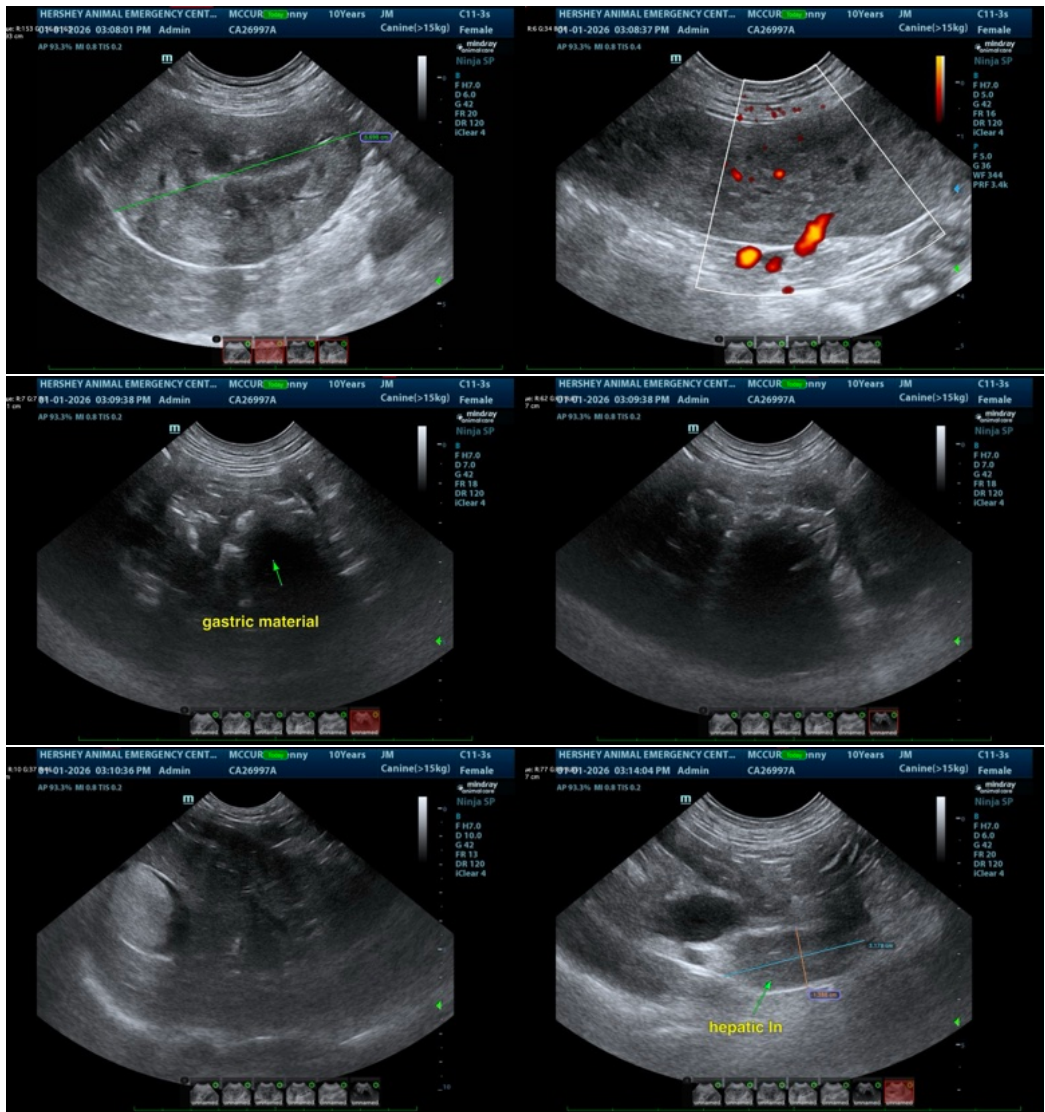
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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