



## PATIENT

Yoshi Lang

## SPECIES

Feline

## BREED

DSH

## SEX

Spayed Female

## AGE

16 Years

## WEIGHT

7.0 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Meghan Myers

## HOSPITAL NAME

Hershey AEC

## REFERRING VET

Dr. Brittany Lang

## INVOICE

36815

## DATE

4/26/26

## PRESENTING CLINICAL SIGNS

History: P started vomiting & not eating yesterday morning. P only eats gravy from wet food. P has been hiding. P appears uncomfortable in her abdomen. Oral Cavity: Mucous membranes pale pink/moist, CRT <2s, minimal tartar/gingival erythema, sublingual clear. Cardiovascular: No murmurs/arrhythmias, pulses strong/synchronous, intermittent gallop rhythm. Abdominal: Distended and splinting on palpation  
Integument: Normal skin/haircoat, no evidence of ectoparasites, slightly prolonged skin tent.

Abnormal PE/Chem/CBC/UA Results: PCV/TS: 34%/7.8 clear CBC: MCV 54.1 (H) WBC 2.13 (L) Lymphocytes 0.19 (L) Eosinophils 0.09 (L) Platelets 81 (L) Plateletcrit 0.12 (L) EPOC: cSO<sub>2</sub> 81.0 (H) BE,ECF -6.3 (L) BUN 35 (H) Creat 2.16 (H) Chem15: BUN 37 (H) GGT 6 (H) Total T4: 1.8 (n) Pancreatic Lipase: 0.9 (n).

## 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 were 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 mild 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. Nonobstructive calculi and slight pyelectasia were noted in the kidneys. The right kidney measured 3.6 cm. The left kidney measured 3.4 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 0.4 cm. The left adrenal gland measured 0.5 cm.

### *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.

### *Liver*

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild 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



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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.

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### *Gastrointestinal*

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Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

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### *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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The mesenteric **lymph nodes** (up to 1.5 cm) presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia.

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## ULTRASONOGRAPHIC FINDINGS

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- Non-specific gastroenteritis
- Slight reactive mesenteric lymph nodes
- Slight renal pyelectasia
- Age-related abdominal change otherwise

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care for GI upset should prove effective. No evidence of neoplasia or obstructive disease. Note: The azotemia may be a pre-renal more so than renal, however, full urinary workup is warranted.

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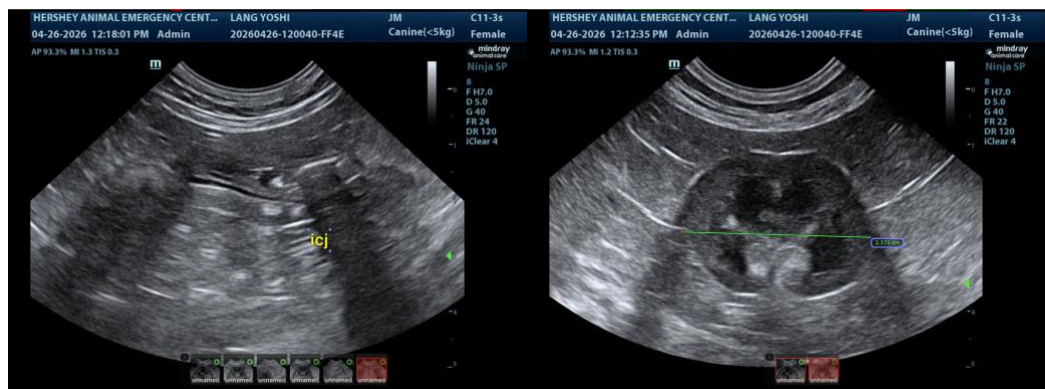
Dr. Brittany Lang

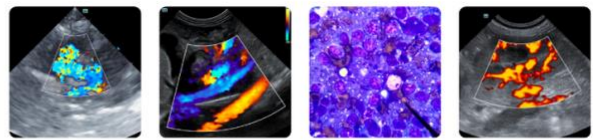
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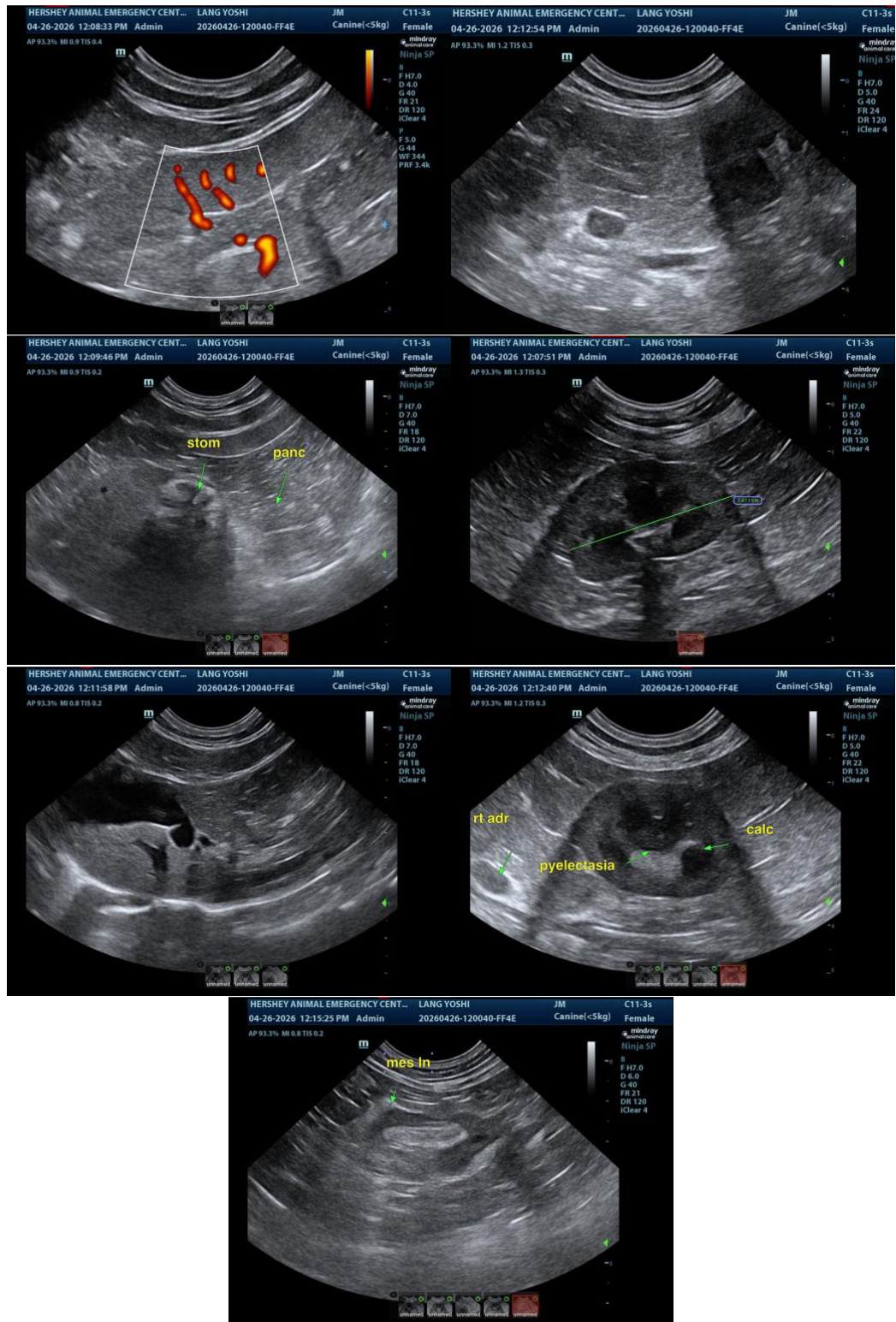
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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