



PATIENT

Puma Gutierrez

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

13 Years

WEIGHT

5.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Michael Schacher

HOSPITAL NAME

Emergency
Veterinarians of Idaho

REFERRING VET

Dr. Karen Holmes

INVOICE

36814

DATE

4/26/26

PRESENTING CLINICAL SIGNS

History: Pet was lost in house for a period of 5-6 days where pet was not eating or drinking as far as owners know. Found pet last night and presented to ER - patient was found hiding in an abnormal location, not moving.

Abnormal PE/Chem/CBC/UA Results: CHEM- Elevated ALKP (130), ALT (138), TBILI (0.9), BUN (80), PHOS (9.2), BG (196), TP (8.4), AMYL (1876). CBC-leukocytosis (38.35) with a neutrophilia (26.28), monocytosis (3.31) and eosinophilia (0.83) PCV/TP-44%/9.4 T4-Elevated at 8.6 (0.8-4.7)

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 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. The right kidney measured 3.6 cm. The left kidney measured 3.1 cm. A cortical infarct was noted in the right kidney. Calculi were noted in the kidneys, nonobstructive at this time. One calculus in the right kidney measured 5.0 mm.

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 adrenal glands measured 0.5 cm each.

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 submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. 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.

Gastrointestinal



PATIENT

Puma Gutierrez

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

13 Years

WEIGHT

5.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Michael Schacher

HOSPITAL NAME

Emergency Veterinarians of Idaho

REFERRING VET

Dr. Karen Holmes

INVOICE

36814

DATE

4/26/26

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.

Free Abdomen

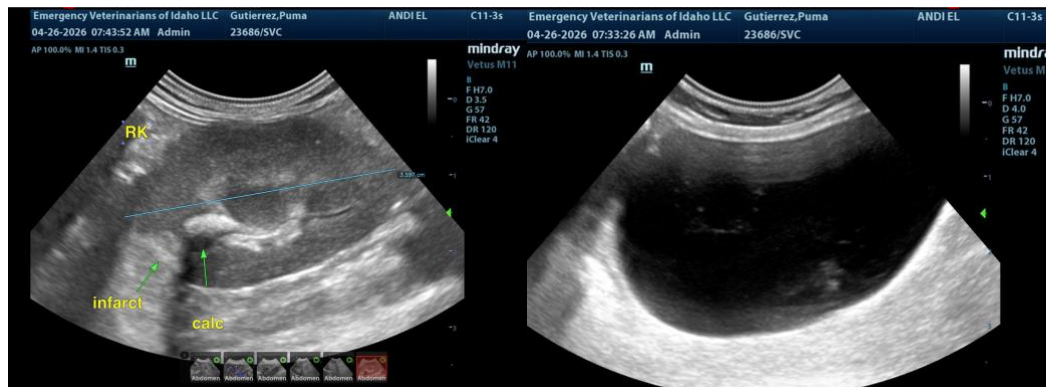
The mesenteric **lymph nodes** (up to 1.0 cm) presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia. The iliac lymph nodes were enlarged, measuring up to 1.5 cm.

ULTRASONOGRAPHIC FINDINGS

- Mesenteric lymphadenopathy
- Renal infarct and non-obstructive nephrolithiasis
- Geriatric abdomen otherwise

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound guided FNA of the lymph nodes is warranted, with cytology and culture, to differentiate between underlying round cell neoplasia, FIP or lymphadenitis. Empirical measures should prove effective otherwise.





PATIENT

Puma Gutierrez

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

13 Years

WEIGHT

5.6 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Michael Schacher

HOSPITAL NAME

Emergency Veterinarians of Idaho

REFERRING VET

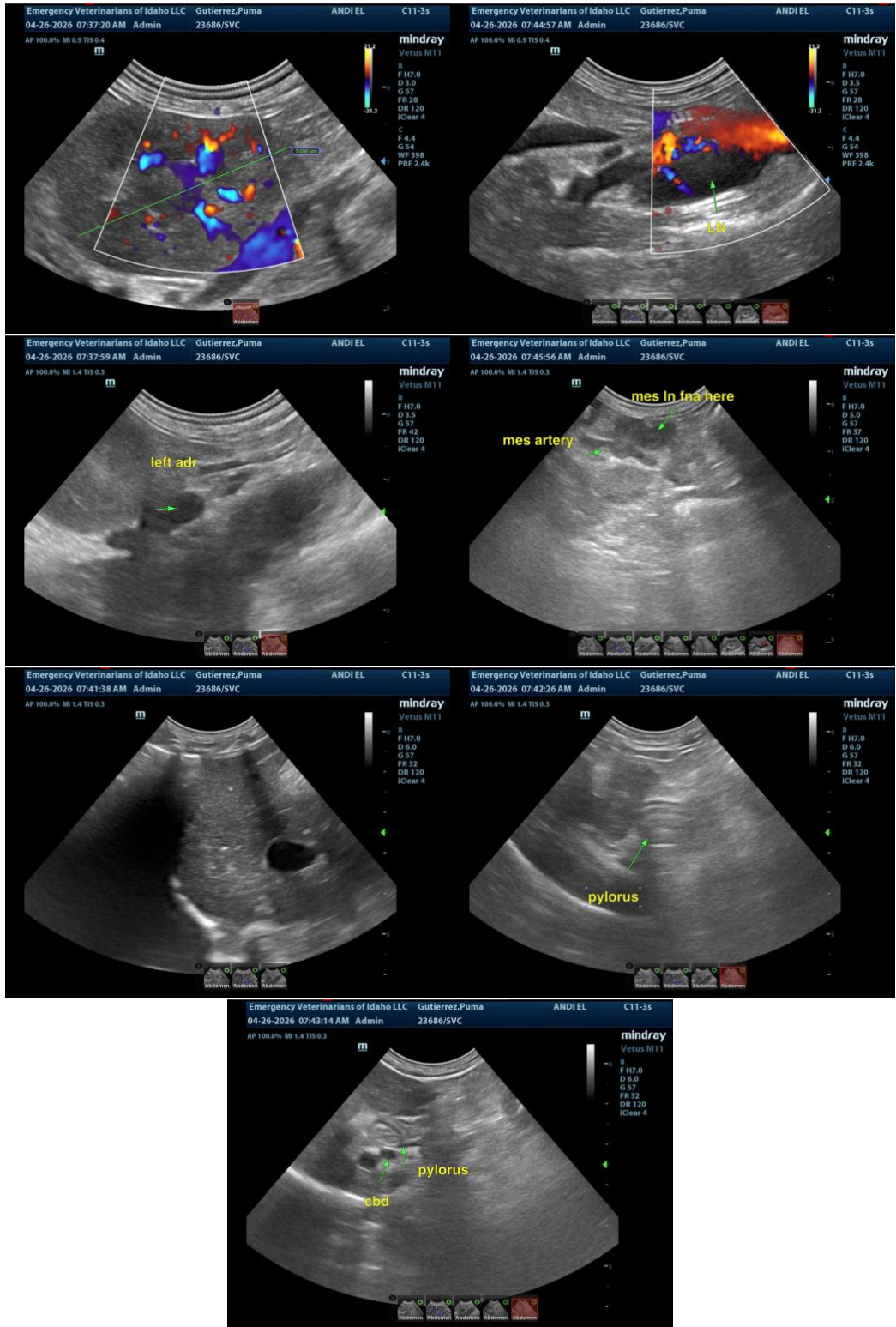
Dr. Karen Holmes

INVOICE

36814

DATE

4/26/26





PATIENT

Puma Gutierrez

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

13 Years

WEIGHT

5.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Michael Schacher

HOSPITAL NAME

Emergency
Veterinarians of Idaho

REFERRING VET

Dr. Karen Holmes

INVOICE

36814

DATE

4/26/26

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, Owner, Founder -- SonoPath.com
info@SonoPath.com