



PATIENT

ChiChi Knosp

SPECIES

Canine

BREED

Chihuahua

SEX

Intact female

AGE

8 years

WEIGHT

5.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

Dr. Lang

INVOICE

77902

DATE

5/24/26

PRESENTING CLINICAL SIGNS

History: 1 year ago last heat cycle
no breeding per O

vomiting everything she has been eating/drinking

started vomiting about 1 week ago, got slightly better then today has gotten worse

Abnormal PE/Chem/CBC/UA Results: Cardiovascular: Grade 1/6 left systolic intermittent murmur
rdvm dx 5/23/26 at 11pm: CBC: RBC 4.65 (L), HCT 33.6 (L), Hgb 11.5 (L) Chem: Crea 4.0 (H), BUN 102
(H), Phos >16.1 (H), K 6.1 (H), Alb 2.1 (L), Glob 5.2 (H), ALP 18 (L) UA: USG 1.022, urine protein 500,
blood 250, WBC 8/HPF, RBC >50/HPF, Non-hyaline cats >1/HPF, cocci present 4DX: Positive
lyme/anaplasmosis (first time 4Dx has been performed, uncertain if historical or recent) POCUS: No
obvious peritoneal, pericardial, pleural effusion, no obvious fluid dilated uterine loop

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 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 left kidney measured 4.4 cm. The right kidney measured 4.9 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 0.43 cm and the left adrenal gland measured 0.32 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 was noted.



PATIENT

ChiChi Knosp

SPECIES

Canine

BREED

Chihuahua

SEX

Intact female

AGE

8 years

WEIGHT

5.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

Dr. Lang

INVOICE

77902

DATE

5/24/26

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 revealed a minor amount of debris.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed pyloric material measuring 1.2 cm was noted with minor gastric over distension. This may be simple medications. The intestines were 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.

ULTRASONOGRAPHIC FINDINGS

Pyloric material with minor gastric over distension.

Degenerative renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend endoscopy or 24 hour n.p.o. with a repeat sonogram at complete n.p.o. status. There was no evidence of reproductive pathology noted at the time of the sonogram. IV fluid support and correction of the azotemia is recommended.



PATIENT

ChiChi Knosp

SPECIES

Canine

BREED

Chihuahua

SEX

Intact female

AGE

8 years

WEIGHT

5.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

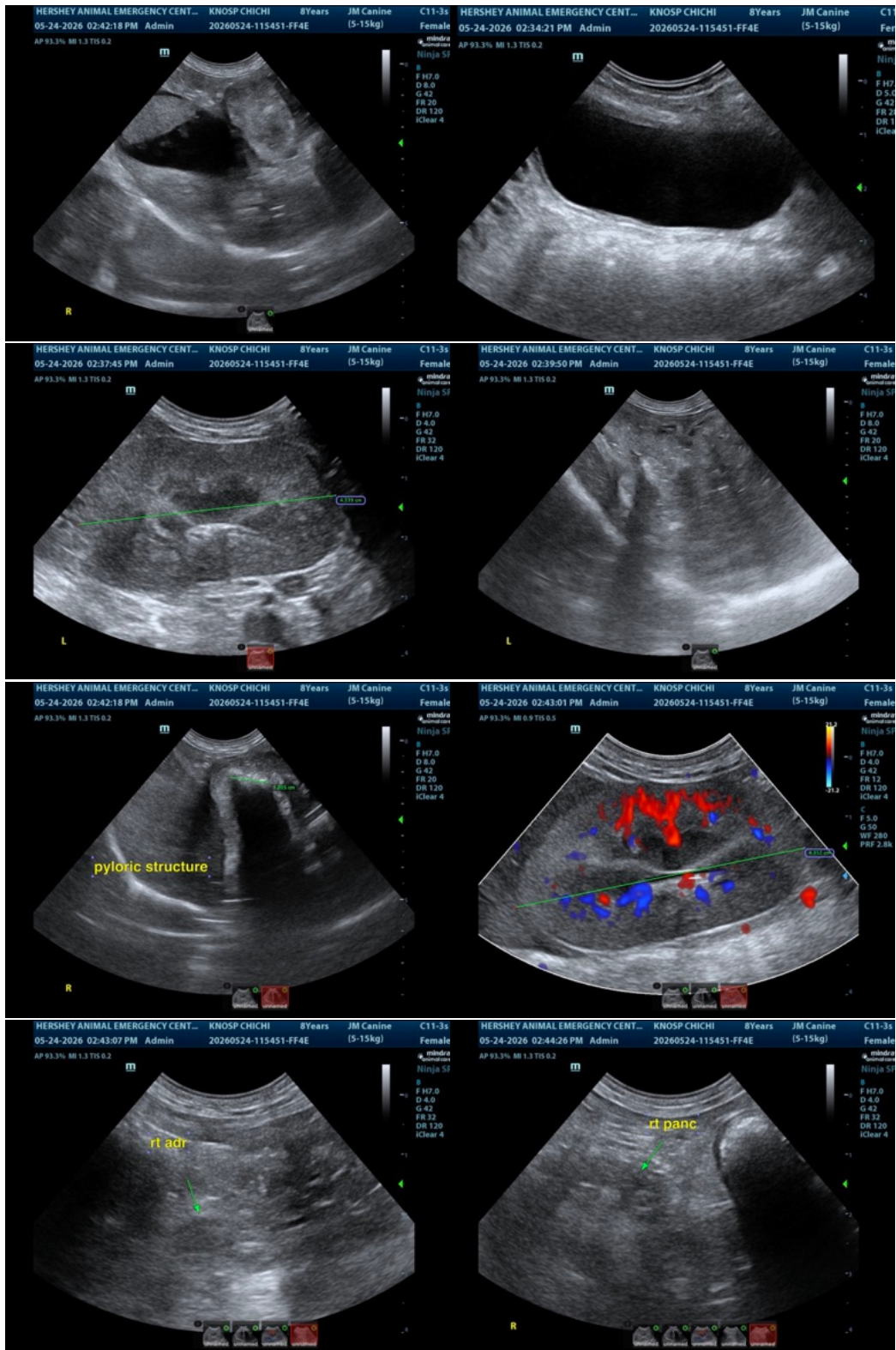
Dr. Lang

INVOICE

77902

DATE

5/24/26





PATIENT

ChiChi Knosp

SPECIES

Canine

BREED

Chihuahua

SEX

Intact female

AGE

8 years

WEIGHT

5.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Lindsay Powell, CVT

HOSPITAL NAME

Hershey Animal
Emergency Center

REFERRING VET

Dr. Lang

INVOICE

77902

DATE

5/24/26

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 of SonoPath.com

info@SonoPath.com