



PATIENT

Chiquita Chavez

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

12 Years

WEIGHT

8.16

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Agnes Rupley, DVM

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Agnes Rupley, DVM

INVOICE

22203

DATE

4/28/23

PRESENTING CLINICAL SIGNS

History: PRESENTED 4/27/23 FOR: not been eating for the past 1.5 days. No vomiting or diarrhea. Unsure when last bowel movement was; maybe last night. 4/27/23: Pain is apparent on abdominal palpation, resulting in stenting. Chemistry panel reveals an elevated alk phos at 239, slightly elevated glucose, low phosphorus. Urinalysis results reveal protein 30, with a pH of 6.5 and sp gr 1.037. CBC results reveal 3% nucleated red blood cells, a leucopenia resulting from a heteropenia, 7% reactive lymphocytes, toxic changes in the neutrophils, and vacuolated monocytes. Owner took Chiquita home overnight. Trial treatment begun with Cerenia and buprenorphine injections with full abdominal ultrasound scheduled for tomorrow. 4/28/23: Returned today for abdominal ultrasound. Ate last night, not fed this am.

*Multiple WMV and 4 JPEG files were submitted. Please submit in dicom format. Image files were converted to MP4 for visualization.

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 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 3.29 cm. Pinpoint mineralizations were noted. The right kidney measured 3.23 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 0.69 cm.

The region of the **right adrenal gland** was imaged with no evident pathology.

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. Cranial folding of the spleen 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. 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



PATIENT

Chiquita Chavez

pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

SPECIES

Canine

Minor amount of retention of ingesta was noted on the **stomach**. Transit of chyme appeared to be normal. The small intestine and colon were unremarkable.

Pancreas

BREED

Chihuahua

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.

SEX

Spayed Female

ULTRASONOGRAPHIC FINDINGS

- Minor pinpoint renal mineralizations, nonobstructive, normal kidney structure otherwise
- Minor retention of ingesta in the stomach

AGE

12 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

8.16

This is a normal abdomen with no evidence of visceral disease to be responsible for abdominal tension or pain, unless the patient passed a calculus in the past yet no obstructive disease is noted at this time, and in that case, no pain should be perceivable at this point. Referred back pain should be considered as a likely cause in this patient.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Agnes Rupley, DVM



HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Agnes Rupley, DVM

INVOICE

22203

DATE

4/28/23



PATIENT

Chiquita Chavez

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

12 Years

WEIGHT

8.16

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Agnes Rupley, DVM

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Agnes Rupley, DVM

INVOICE

22203

DATE

4/28/23



The information and recommendations provided are based on the images presented by the referring veterinarian. 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, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com