



PATIENT PRESENTING CLINICAL SIGNS

Pixie Sivils
History: She has a big belly and the RDVM is concerned that the liver may be enlarged, occasionally acts like big belly is painful.
Abnormal PE/Chem/CBC/UA Results: Overweight, big belly. CBC = normal. Chemistry = increase in SAP. Survey abdominal films are full of ingesta and stool, perhaps mild hepatomegaly.

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

6 years

WEIGHT

8.9 lbs

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. Slight hyperechoic medullary rim sign was noted. This is idiopathic. The cortices presented largely uniform texture with some increased echogenicity. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.5 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 left adrenal gland measured 0.53 cm at the caudal pole and 0.4 cm at the cranial pole. The right adrenal gland measured 0.8 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Beard

HOSPITAL NAME

West Prince AH

REFERRING VET

Dr. Harman

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.

Liver

INVOICE

92442

DATE

10/19/21

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Multi-focal, hypoechoic nodular changes were noted. There was no disruption of architecture. Some 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 inflammatory, infiltrative or regenerative



PATIENT

Pixie Sivils

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.

SPECIES

Canine

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Retention of ingesta was noted in the stomach. 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.

BREED

Chihuahua

SEX

Spayed Female

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.

AGE

6 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

8.9 lbs

Undefined hepatic nodular changes, likely benign.

No evidence of significant disease.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

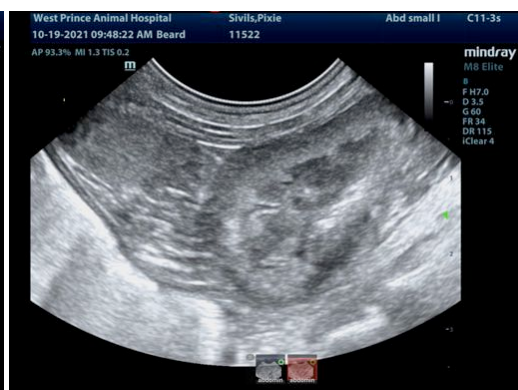
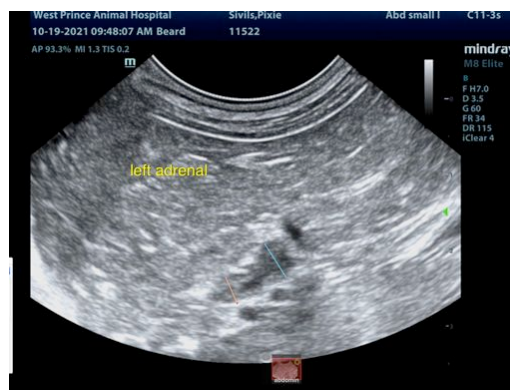
There is no significant disruption of architecture. There is no evidence of visceral pathology that is overtly responsible for the clinical signs unless very low-grade pancreatitis is playing a role. However, no overt inflammatory pattern is noted. Referred back pain should be ruled out as a potential. There was no evidence of significant visceral disease.

IMAGING PERFORMED BY

Dr. Beard

HOSPITAL NAME

West Prince AH



REFERRING VET

Dr. Harman

INVOICE

92442

DATE

10/19/21



PATIENT

Pixie Sivils

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

6 years

WEIGHT

8.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Beard

HOSPITAL NAME

West Prince AH

REFERRING VET

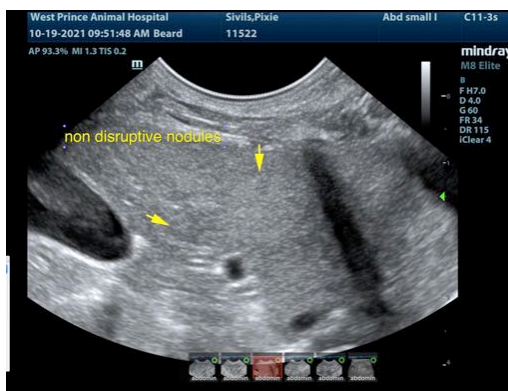
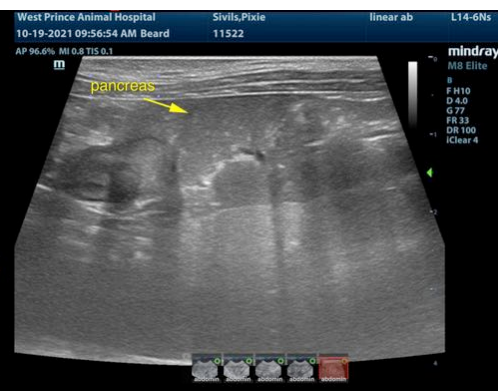
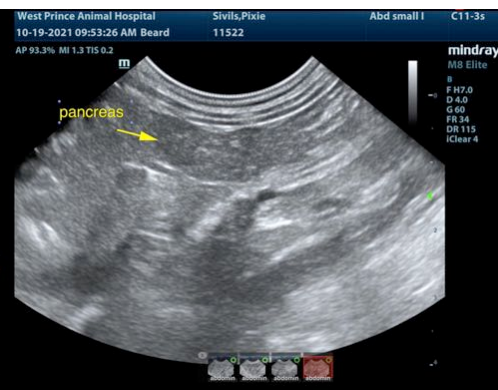
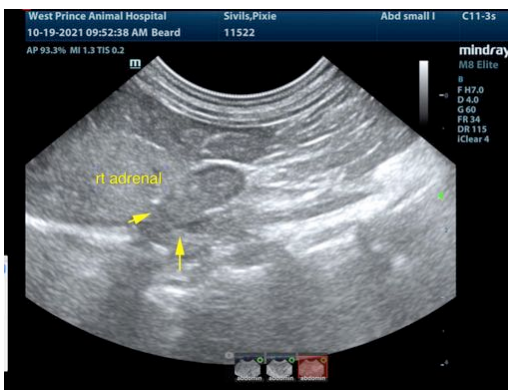
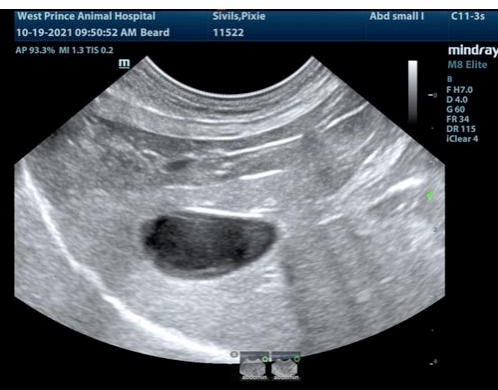
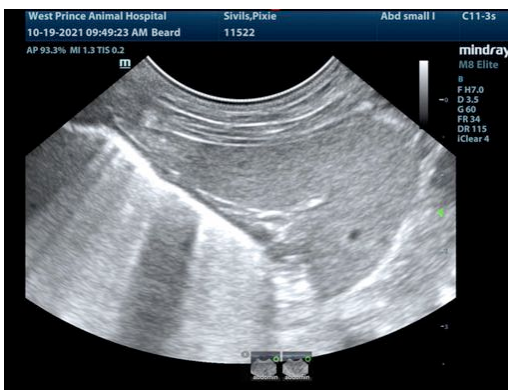
Dr. Harman

INVOICE

92442

DATE

10/19/21





PATIENT

Pixie Sivils

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.

SPECIES

Canine

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.

BREED

Chihuahua

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Spayed Female

AGE

6 years

WEIGHT

8.9 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Beard

HOSPITAL NAME

West Prince AH

REFERRING VET

Dr. Harman

INVOICE

92442

DATE

10/19/21