



PATIENT

Sophia Grace Goodson

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

9 Months

WEIGHT

4.7 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Ginny Dodd DVM, D,
 ABVP-CFP

HOSPITAL NAME

Ironton Animal
 Hospital

REFERRING VET

Dr. Creech

INVOICE

15860

DATE

05/06/26

PRESENTING CLINICAL SIGNS

1/7/26 ALT 279, - Spay- no complications. 4/29-26 ALT 455, Amylase < 421 so advised further tests

Abnormal PE/Chem/CBC/UA Results: PAR, BCS 2.5-3/5, no palpable masses, no heart murmur, small for Maltese 4/30/26. Pre and Post bile acids < 0.1/ < 0.1- N 4-7 Urine creatinine 157.9 Urine bile acids 177.4 UBA- 11. Normal > 7.3 so advised shunt hunt

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 a minimal amount of urine was present at the time of the sonogram. 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. Slight pinpoint mineralizations were noted. The capsules were acceptably uniform without significant irregularities. The left kidney measured 3.07 cm in length. The right kidney measured 3.1 cm in length.

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 1.17 cm x 0.33 cm width at the caudal pole and 0.29 cm width at the cranial pole. The right adrenal gland measured 1.1 cm x 0.50 cm width at the cranial pole and 0.40 cm width at the caudal pole.

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** presented subnormal in size with hypovascular parenchyma. The gallbladder and common bile duct were unremarkable. The portal vein / vena cava ratio was 1:1. The portal vein measured 0.45 cm. The vena cava measured 0.45 cm. The aorta measured 0.48 cm. Portal vein terminations were followed and all three branches were identified. No connections to the hepatic veins or vena cava in the intrahepatic space. Th extrahepatic space was normal with no evidence of macroscopic shunting. Likely portal hypoplasia, less likely microvascular dysplasia with an inflammatory component given the ALT elevations.

Gastrointestinal



PATIENT

Sophia Grace Goodson

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

9 Months

WEIGHT

4.7 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Ginny Dodd DVM, D,
 ABVP-CFP

HOSPITAL NAME

Ironton Animal
 Hospital

REFERRING VET

Dr. Creech

INVOICE

15860

DATE

05/06/26

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

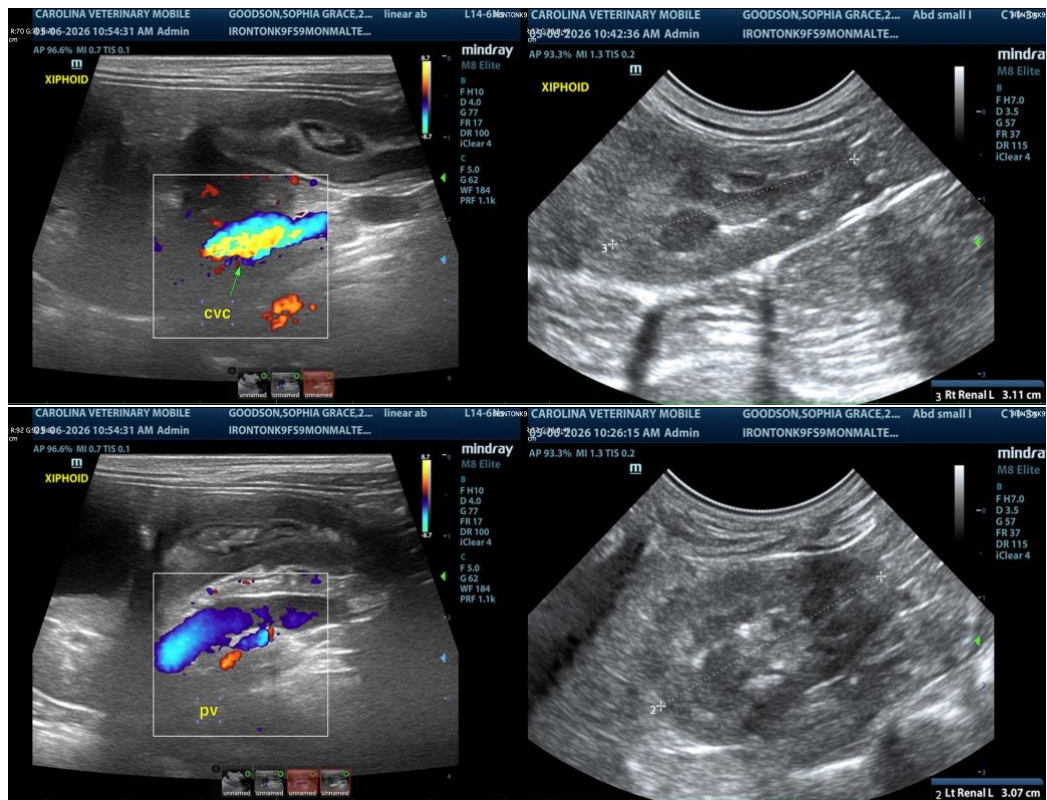
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

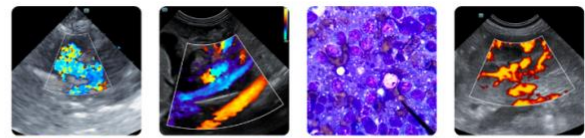
ULTRASONOGRAPHIC FINDINGS

- Subnormal liver size- likely portal hypoplasia, less likely microvascular dysplasia.
- Renal mineralizations.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver biopsy would be ideal.





PATIENT

Sophia Grace Goodson

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

9 Months

WEIGHT

4.7 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Ginny Dodd DVM, D,
 ABVP-CFP

HOSPITAL NAME

Ironton Animal
 Hospital

REFERRING VET

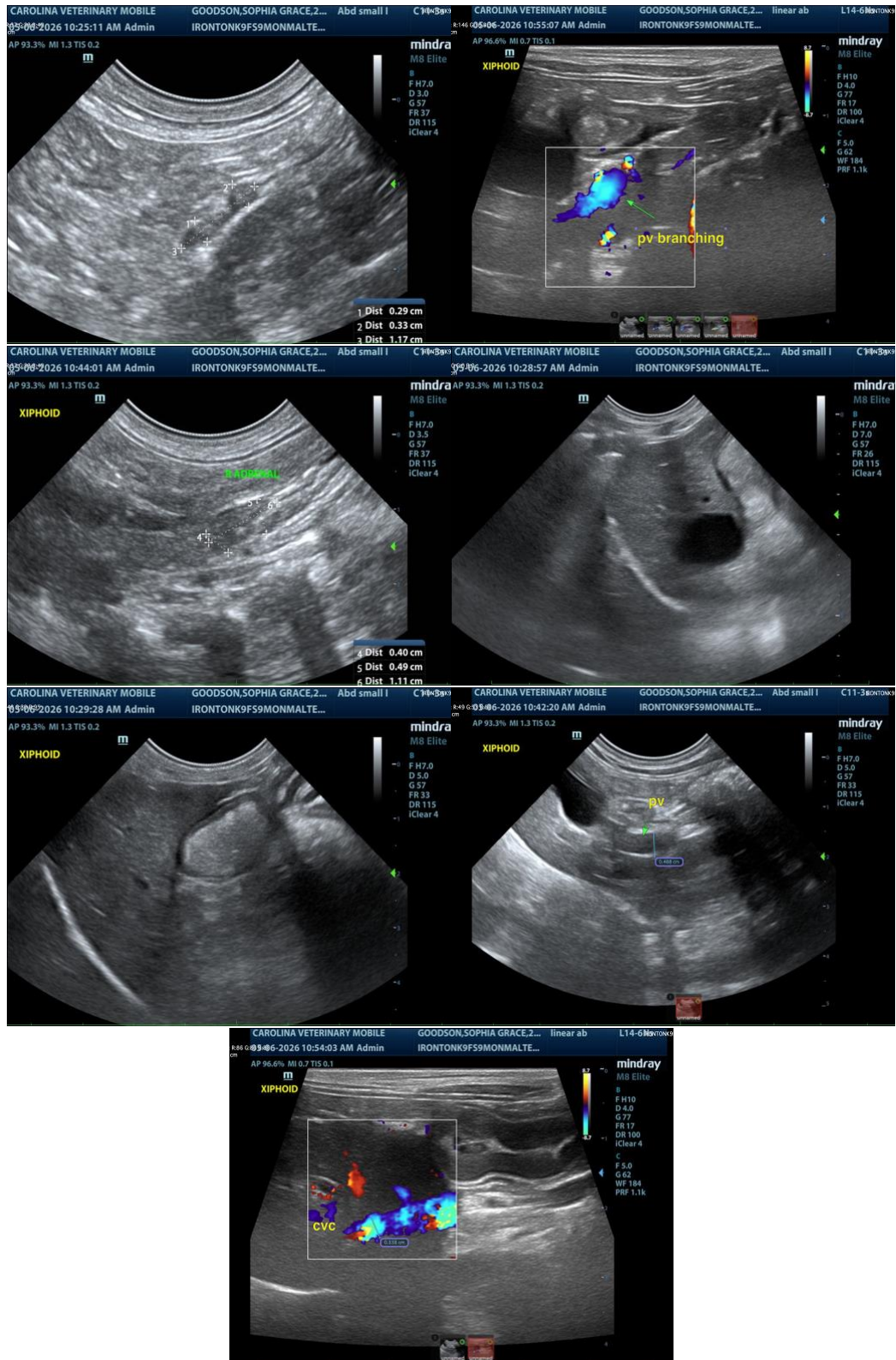
Dr. Creech

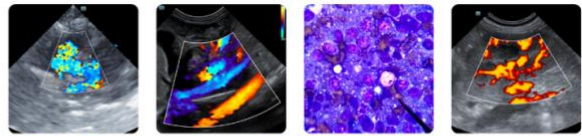
INVOICE

15860

DATE

05/06/26





PATIENT

Sophia Grace Goodson

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.

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

Maltese

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

CEO, Owner, Founder -- SonoPath.com

info@SonoPath.com

SEX

Spayed Female

AGE

9 Months

WEIGHT

4.7 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Ginny Dodd DVM, D,
ABVP-CFP

HOSPITAL NAME

Ironton Animal
Hospital

REFERRING VET

Dr. Creech

INVOICE

15860

DATE

05/06/26