



PATIENT

Baby Billy Byrnes

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact male

AGE

6 weeks

WEIGHT

3.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Byrnes Veterinary
Relief Service

REFERRING VET

Dr. Lusk

INVOICE

70023

DATE

1/12/26

PRESENTING CLINICAL SIGNS

History: P presented for puppy exam by breeder. P is half the size of litter mates and PU/PD. Breeder surrendered puppy to tech due to lack of funds to workup. Senior Panel pending- P given 0.05ml Torb for US

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 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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 3.9 cm. The left kidney measured 4.11 cm with slight pyelectasia.

The prostate was uniform and measured 1.0 cm. Juvenile lymph nodes were noted.

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 1.47 x 0.25 cm at the caudal pole and 0.19 cm at the cranial pole. The left adrenal gland measured 1.01 x 0.45 cm at the caudal pole and 0.27 cm at the cranial 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 was noted.

Liver

The **liver** was slightly subnormal in size. The portal vein to vena cava ratio was 1:1. Portal vein branching appeared to be normal. There was no evidence of intrahepatic or extrahepatic shunting. Gallbladder sand was noted.



PATIENT

Baby Billy Byrnes

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact male

AGE

6 weeks

WEIGHT

3.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Byrnes Veterinary
Relief Service

REFERRING VET

Dr. Lusk

INVOICE

70023

DATE

1/12/26

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. 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

A slight amount of free fluid was noted and is not pathological.

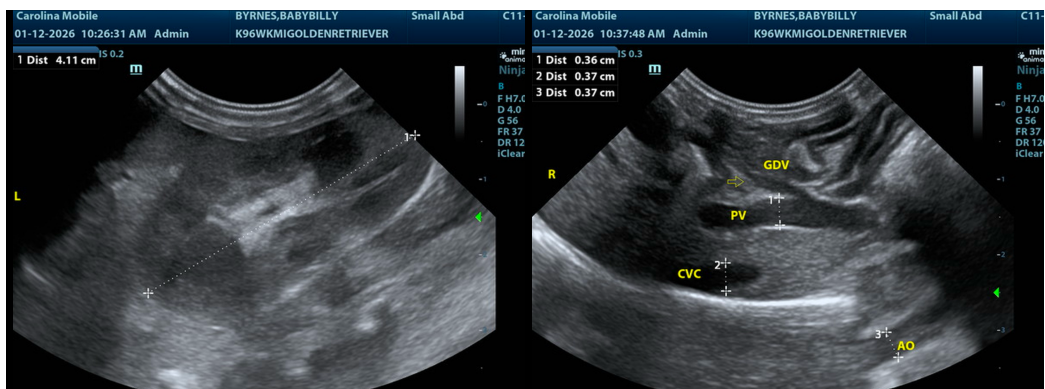
ULTRASONOGRAPHIC FINDINGS

Slight microhepatica.

Slight gallbladder sand, not pathological.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of macroscopic shunting. If bile acids are elevated then portal hypoplasia/microvascular dysplasia is a potential.





PATIENT

Baby Billy Byrnes

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact male

AGE

6 weeks

WEIGHT

3.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Byrnes Veterinary
Relief Service

REFERRING VET

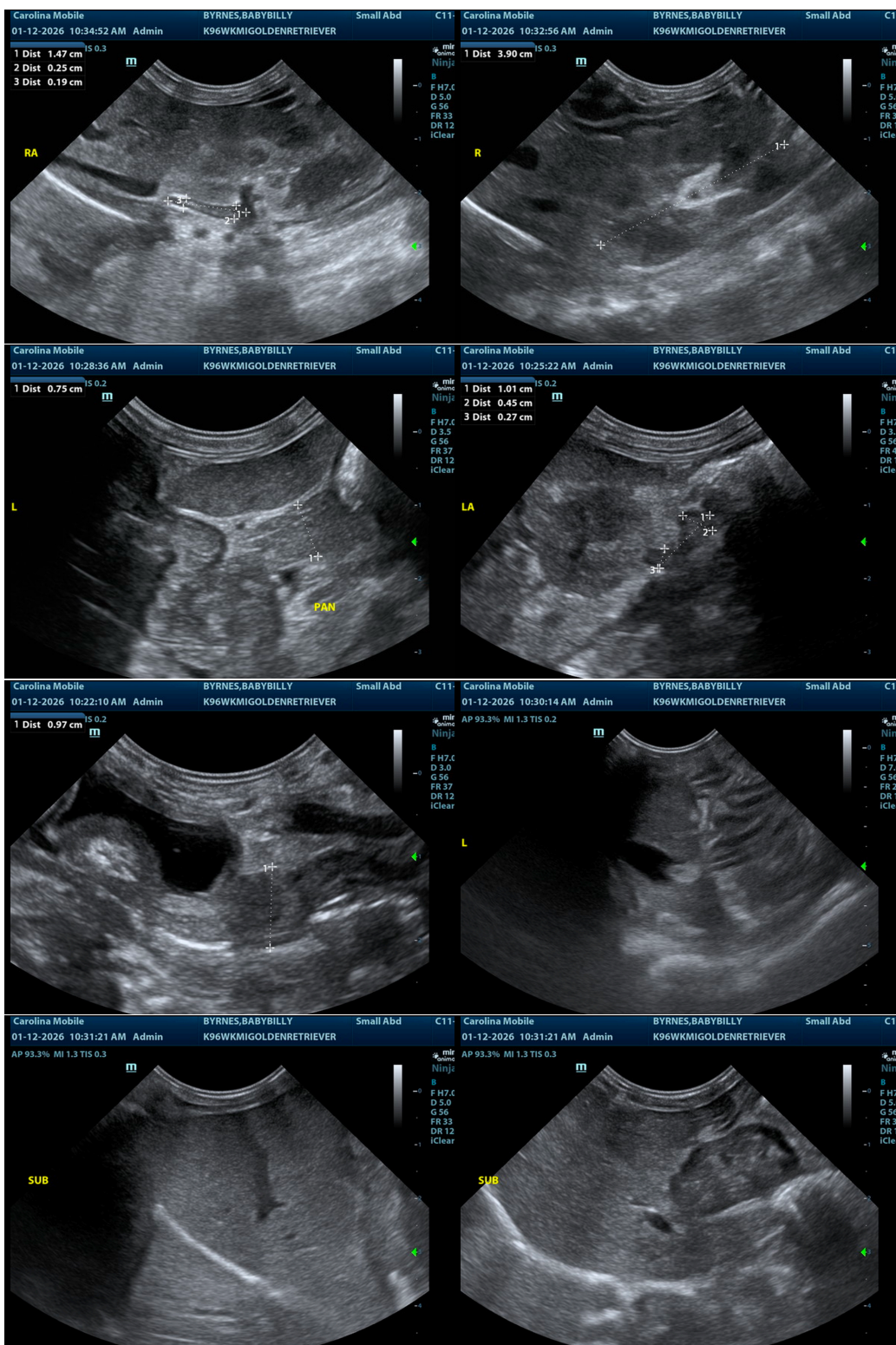
Dr. Lusk

INVOICE

70023

DATE

1/12/26





PATIENT

Baby Billy Byrnes

SPECIES

Canine

BREED

Golden Retriever

SEX

Intact male

AGE

6 weeks

WEIGHT

3.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Byrnes Veterinary
Relief Service

REFERRING VET

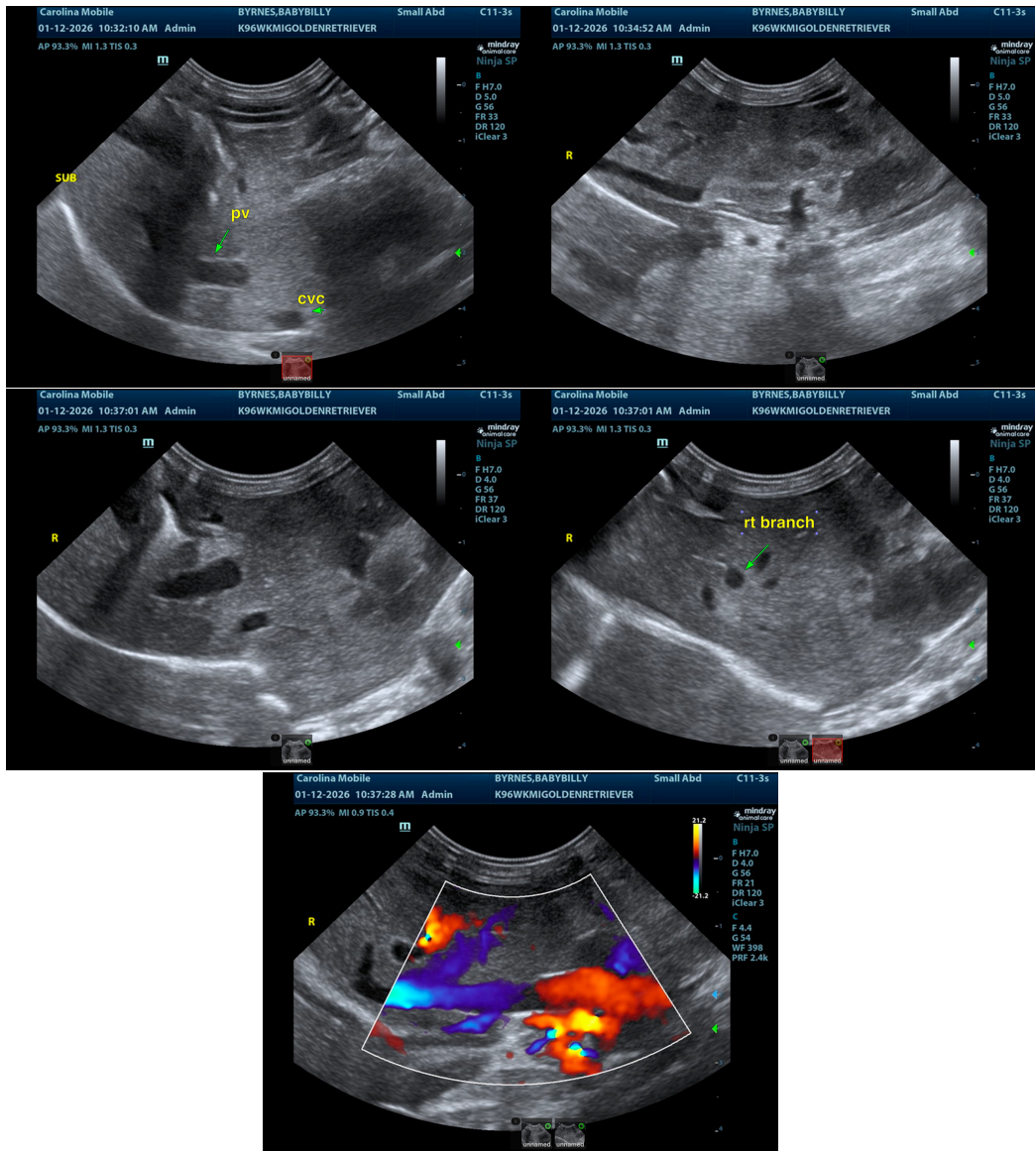
Dr. Lusk

INVOICE

70023

DATE

1/12/26



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