



PATIENT PRESENTING CLINICAL SIGNS

Ruby Fan Recently dx with stage 2 CKD at other vet. Unknown cause. Doing well on PVD NF

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine 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 pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

BREED

Golden Retriever

SEX

Spayed Female

AGE

4 Years

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 5.9 cm. The right kidney measured 5.9 cm.

Adrenal Glands

WEIGHT

25.6 kg

The **right 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 right adrenal gland measured 0.77 cm at the cranial pole and 0.55 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

The region of the **left adrenal gland** was imaged, no evident pathology. Not overtly visualized.

Spleen

IMAGING PERFORMED BY

Danielle Jaspar, RVT

The **spleen** was enlarged and folded upon itself cranially, not pathological. Blood flow appeared adequate. No evidence of thrombosis.

Liver

HOSPITAL NAME

Orchard Vet Care

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

REFERRING VET

Dr. Antonopoulos

Gastrointestinal

INVOICE

44021

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.

DATE

7/17/23



PATIENT

Pancreas

Ruby Fan

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.

SPECIES

Canine

Free Abdomen

BREED

Reactive mesenteric lymph nodes noted up to 2.0 cm.

Golden Retriever

Undefined free fluid noted.

SEX

Spayed Female

- Splenomegaly, likely reactive
- Undefined free fluid – may be owing to splenic congestion or infiltrative disease
- Structurally normal kidneys

AGE

4 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

25.6 kg

FNA of the spleen indicated. Screening for Addison's warranted if unexplained azotemia is an issue or if renal failure is suspected. Acute insult such as toxin or infectious disease possible. The cause of the free fluid is unclear. Ultrasound guided abdominocentesis and cytospin of the free fluid indicated. Diagnosis is open.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Danielle Jaspar, RVT

HOSPITAL NAME

Orchard Vet Care

REFERRING VET

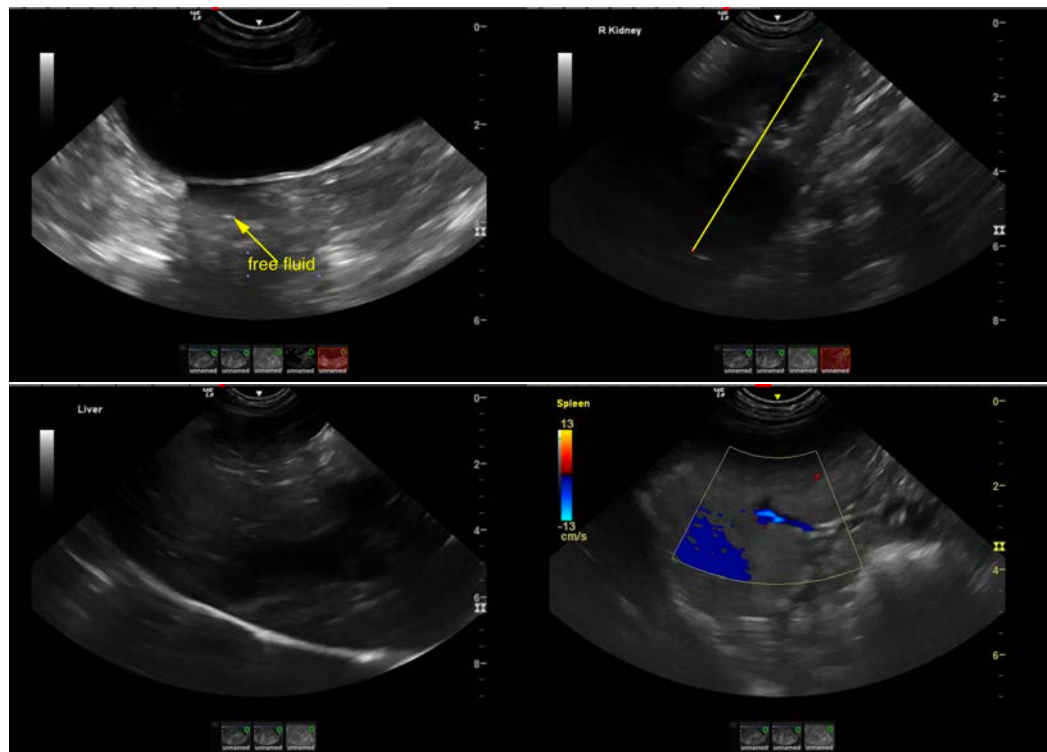
Dr. Antonopoulos

INVOICE

44021

DATE

7/17/23





PATIENT

Ruby Fan

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

AGE

4 Years

WEIGHT

25.6 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Danielle Jaspar, RVT

HOSPITAL NAME

Orchard Vet Care

REFERRING VET

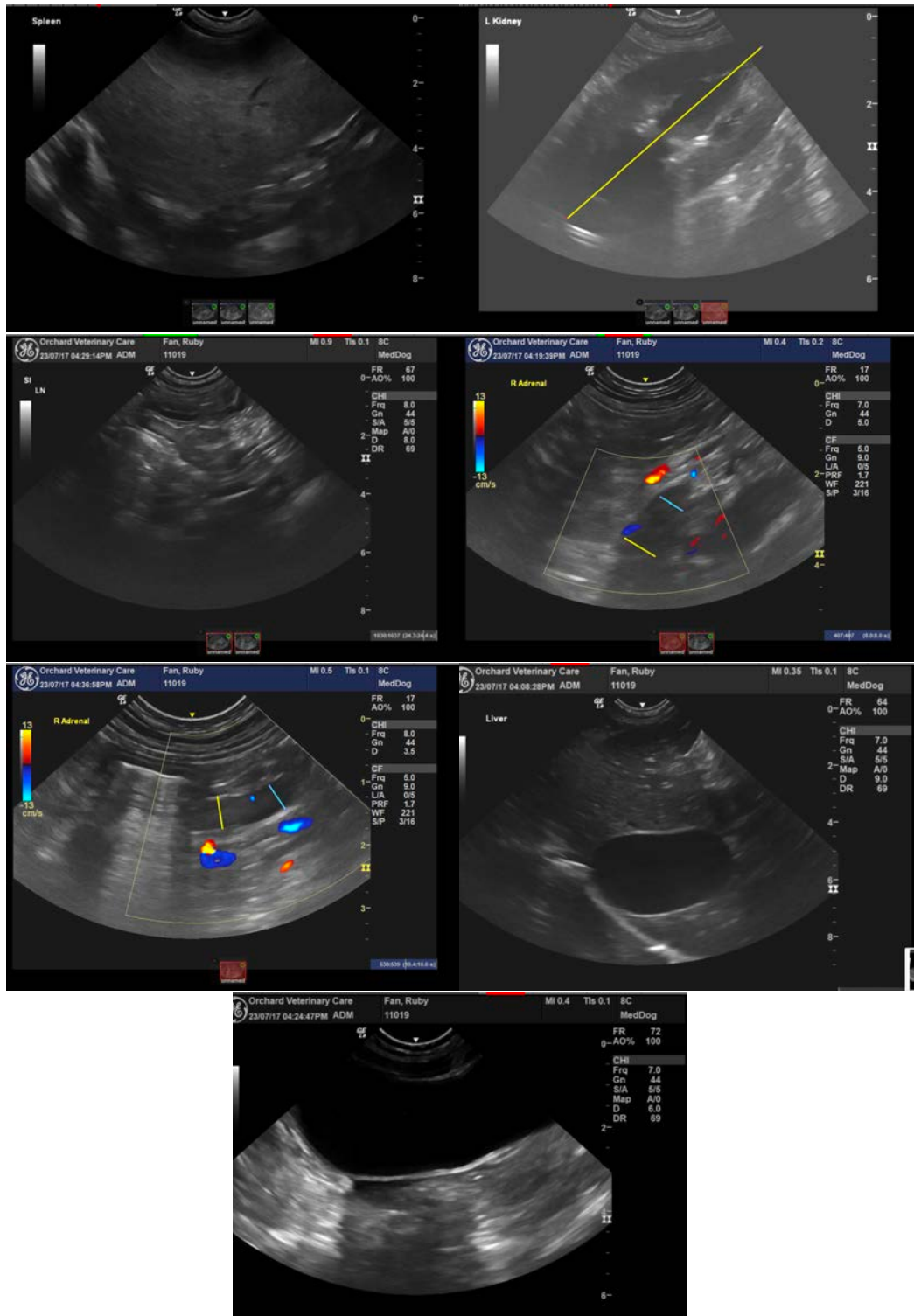
Dr. Antonopoulos

INVOICE

44021

DATE

7/17/23





PATIENT

Ruby Fan

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

Golden Retriever

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

info@SonoPath.com

SEX

Spayed Female

AGE

4 Years

WEIGHT

25.6 kg

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Danielle Jaspar, RVT

HOSPITAL NAME

Orchard Vet Care

REFERRING VET

Dr. Antonopoulos

INVOICE

44021

DATE

7/17/23