



PATIENT

PRESENTING CLINICAL SIGNS

Coco Chanel Beckler

History: Evaluate kidneys-R/o early onset renal disease or congenital renal disease. Urine c/s- no growth. No current meds.

SPECIES

Abnormal PE/Chem/CBC/UA Results: SDMA 14.1, BUN 26, Creat 0.9, BUN:Creat 29, pH 7, Ca 12.1, Cholesterol 358, Mg 1.4 UA: pH 5 SG: 1.008

Canine

BREED

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Shih Tzu

Urinary System

SEX

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.

Female

AGE

20 weeks

The **kidneys** were normal in size and contour with minor, idiopathic, hyperechoic medullary band. This is an idiopathic common finding in this breed. Minor increased cortical echogenicity was noted in the kidneys in this patient, yet the changes were minor. The left kidney measured 3.4 cm. The right kidney measured 3.5 cm.

WEIGHT

6 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 1.54 x 0.28 cm at the caudal pole and 0.32 cm at the cranial pole. The right adrenal gland measured 1.66 x 0.27 cm at the caudal pole and 0.32 cm at the cranial pole.

IMAGING PERFORMED BY

Jessica Miller, RDMS

Spleen

HOSPITAL NAME

Whippany VH

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.

REFERRING VET

Dr. Smith

Liver

INVOICE

30919

The **liver** was slightly subnormal in size. There was no evidence of intrahepatic or extrahepatic shunting. The portal vein to vena cava ratio was 1:1 and measured 0.4 cm. 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.

DATE

6/8/22



PATIENT

Gastrointestinal

Coco Chanel Beckler

A minor amount of non-shadowing, non-obstructive ingesta was noted in the **stomach**. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

SPECIES

Canine

BREED

Pancreas

Shih Tzu

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

Female

ULTRASONOGRAPHIC FINDINGS

AGE

Structurally unremarkable abdomen.

20 weeks

Minor renal changes were noted.

WEIGHT

6 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Fluid support is recommended to treat the azotemia is warranted. The cause of azotemia and isosthenuria is unclear. Screening for congenital Addison's is warranted. Leptospirosis titers are warranted. If parameters persist then renal biopsy would be necessary. Blood pressure measurements are warranted.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

For an additional charge an internal medicine consult can be utilized through [Sonopath.com](http://sonopath.com). You can select the internal medicine drop down at <http://spa.sonopath.com/>.

IMAGING PERFORMED BY

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>

Jessica Miller, RDMS

HOSPITAL NAME

Whippany VH

REFERRING VET

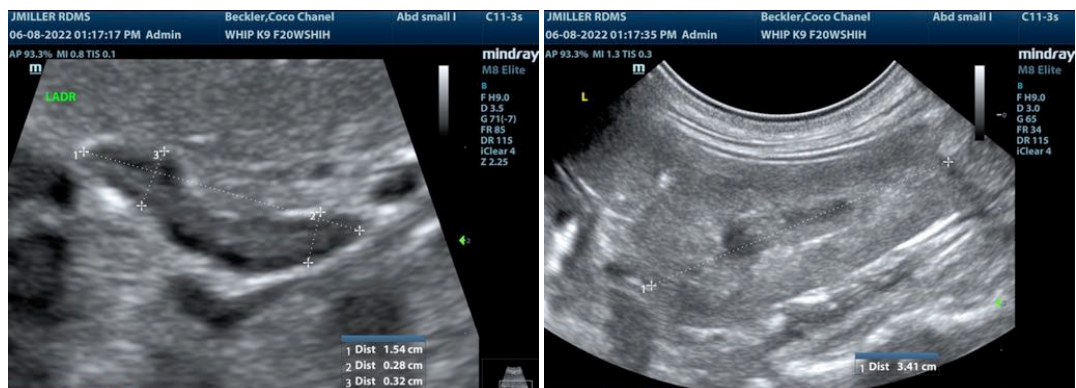
Dr. Smith

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PATIENT

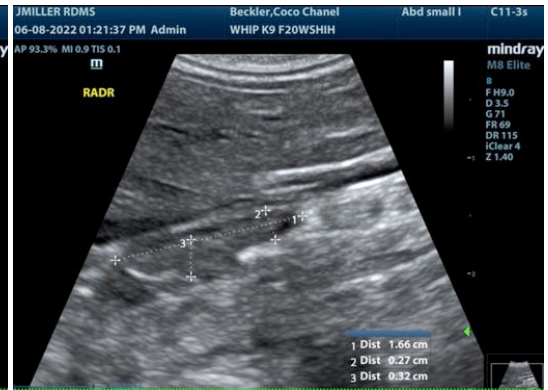
Coco Chanel Beckler

SPECIES

Canine

BREED

Shih Tzu



SEX

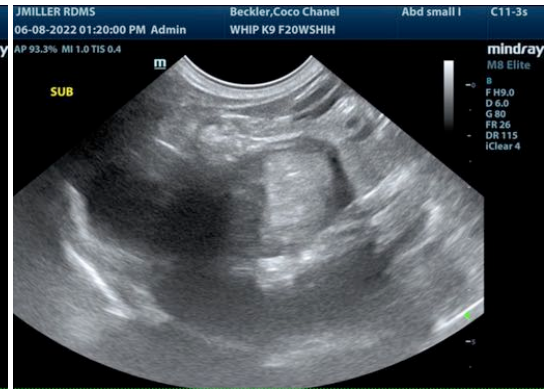
Female

AGE

20 weeks

WEIGHT

6 lbs



INTERPRETED BY

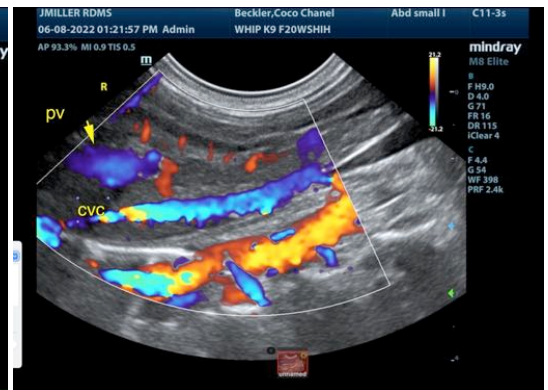
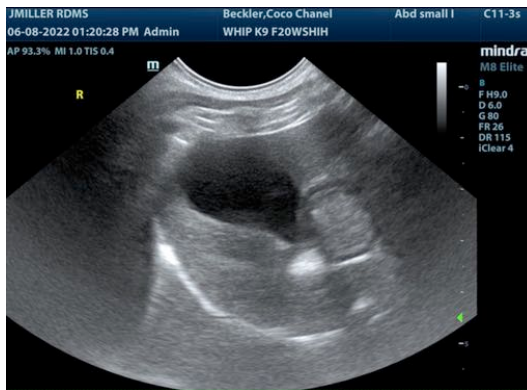
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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