



PATIENT PRESENTING CLINICAL SIGNS

Zeus Suto check bladder, liver kidneys and increased ALT

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

The **urinary bladder** revealed slight concretion measuring 2.0 mm, non-obstructive.

BREED

Dachshund

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. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 3.9 cm. The left kidney measured 4.02 cm. Slight renal mineralization noted, yet non-obstructive at the time of the sonogram.

SEX

Neutered Male

AGE

12 Years

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 1.7 cm x 0.82 cm at the cranial pole and 0.67 cm at the caudal pole. The left adrenal gland measured 1.59 cm x 0.49 cm at the caudal pole and 0.53 cm at the cranial pole.

WEIGHT

14 Pounds

Spleen

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Jenn

Liver

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.

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

Gastrointestinal

A minor amount of chyme was present in the **stomach**, structurally unremarkable. Curvilinear patterns were maintained throughout the GI tract. The small intestine and colon were unremarkable.

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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.

DATE

5/16/22



PATIENT

Zeus Suto

SPECIES

Canine

BREED

Dachshund

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Neutered Male

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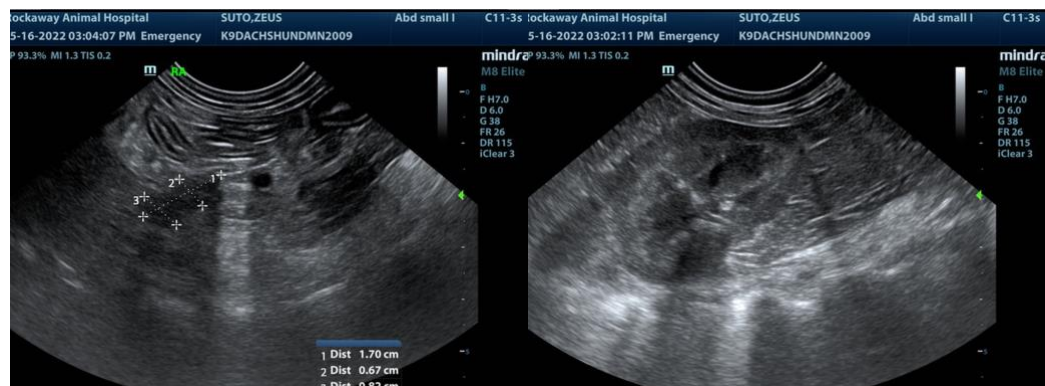
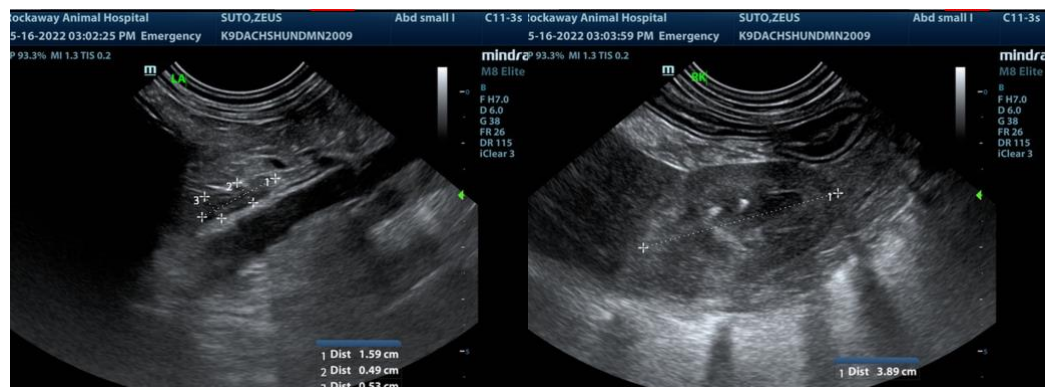
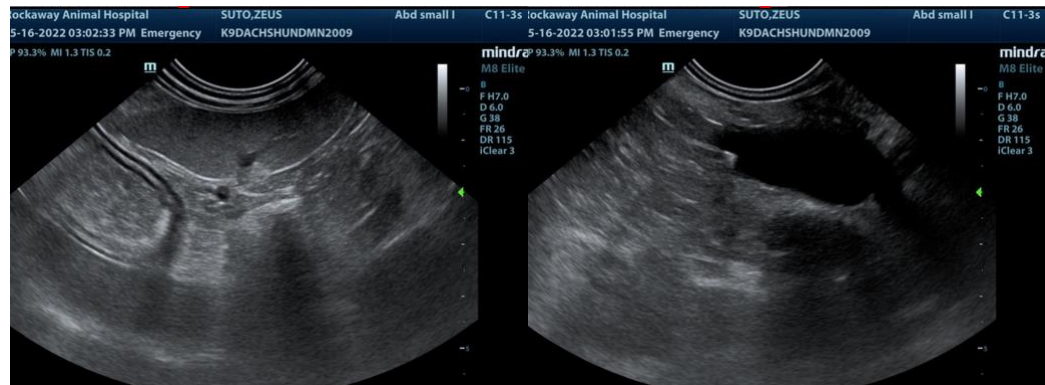
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ULTRASONOGRAPHIC FINDINGS

- Structurally unremarkable abdomen with slight bladder concretion
- Minor renal mineralization
- Non-specific inflammatory hepatopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The bladder concretion is non-shadowing and likely resolvable with medical management. FNA of the liver could be considered for further definition, yet structurally the liver appears normal.





PATIENT

Zeus Suto

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

Dachshund

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

info@SonoPath.com

SEX

Neutered Male

AGE

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