



PATIENT

Maisy Caldwell

PRESENTING CLINICAL SIGNS

Consistent bilirubinuria, no c/s.
Abnormal PE/Chem/CBC/UA Results: USG 1.050, elevated bilirubinuria

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Pitbull Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 4.0 cm beyond the cystourethral junction. 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.

SEX

Spayed Female

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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.09 cm. The left kidney measured 5.53 cm.

AGE

8 years

WEIGHT

Not Given

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 2.05 x 0.99 cm at the cranial pole and 0.67 cm at the caudal pole. The left adrenal gland measured 1.57 x 0.46 cm at the cranial pole and 0.54 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** is enlarged with subtle micronodular changes and swollen contour. This is consistent with reactive spleen with a potential for emerging round cell neoplasia.

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

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.

REFERRING VET

Dr. Maniar

INVOICE

99290

DATE

4/14/22



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Gastrointestinal

Maisy Caldwell

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropey" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. The mesenteric lymph nodes were reactive and measured 2.64 x 0.63 cm on the larger node.

SPECIES

Canine

BREED

Pancreas

Pitbull Mix

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

Spayed Female

Heart

AGE

Rapid view of the heart revealed no evidence of pathology.

8 years

WEIGHT

ULTRASONOGRAPHIC FINDINGS

Not Given

Age related renal changes.

Splenic enlargement with subtle micronodular changes.

Minor IBD GI pattern with reactive mesenteric lymph nodes.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

FNA of the spleen is warranted to ensure the changes are benign. Structurally the liver appears unremarkable; however, given the bilirubinuria FNA is indicated especially if ALKP and other liver enzymes are elevated.

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

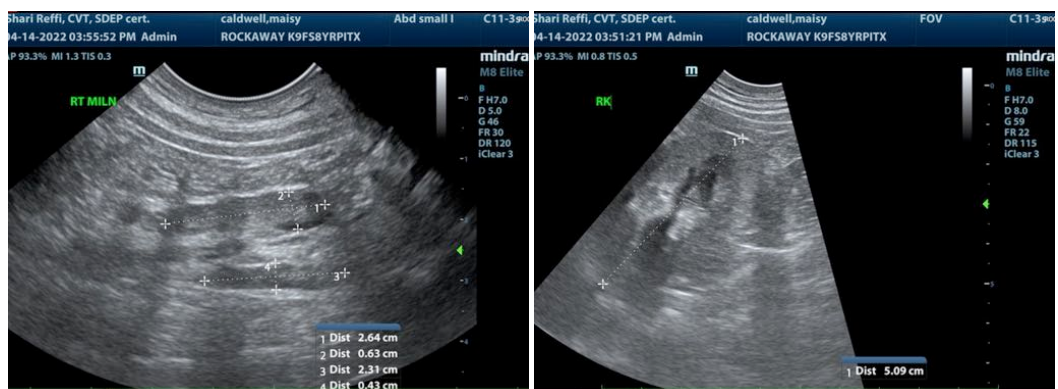
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SEX

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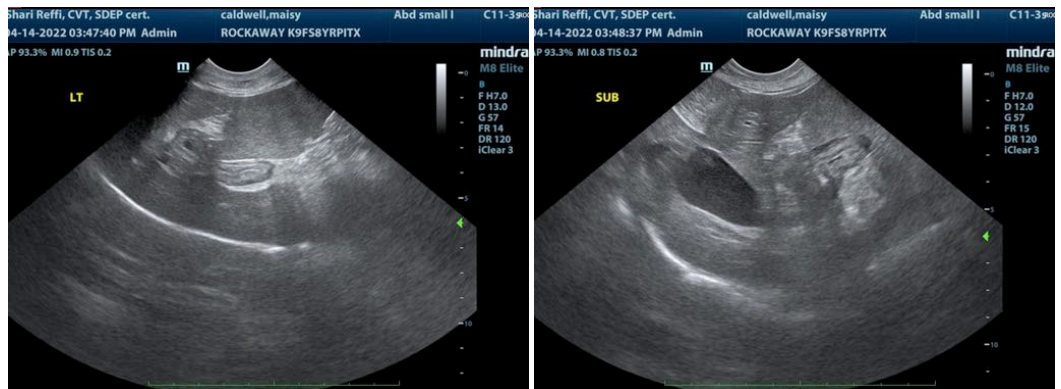
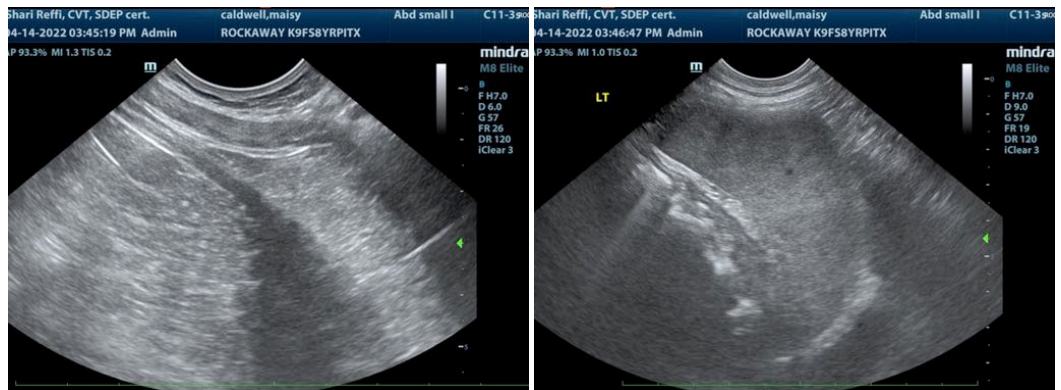
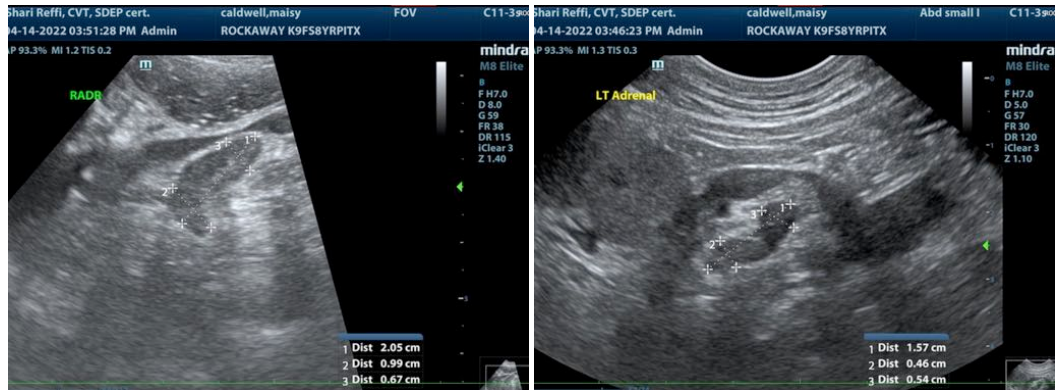
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PATIENT

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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.

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

Pitbull Mix

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

SEX

Spayed Female

AGE

8 years

WEIGHT

Not Given

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