



PATIENT PRESENTING CLINICAL SIGNS

Ollie Rock Severe liver dz, jaundice. Current meds: IVF, Cerenia, Famotidine, Baytril, Metronidazole, Denamarin, Dexamethasone, Torbutrol.
 Abnormal PE/Chem/CBC/UA Results: ^^^ ALT, ^Bili, ^ ALP, U/A-USG 1.044, Bili 3+, BLD 3+

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

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.

SEX

Neutered male

The residual prostate was uniform and measured 1.13 cm.

AGE

9 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 right kidney measured 5.32 cm. The left kidney measured 5.02 cm.

WEIGHT

24 lbs

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 1.84 x 0.93 cm at the cranial pole and 0.72 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

Spleen

The **spleen** revealed a coalescing, granular appearance with swollen, irregular contour.

HOSPITAL NAME

All Creatures Great and Small Denville

Liver

The **liver** revealed multi-focal, expansive, mixed hypoechoic, coalescing masses. The largest of which measured 4.7 cm. Generalized hepatomegaly was present. There was irregular, hepatic contour. Echogenic foci were noted within the liver. This is consistent with gas reverberation in one of the masses. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. Pleural effusion was noted through the diaphragm.

REFERRING VET

Dr. Ashmore

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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.

DATE

1/25/22



PATIENT

Pancreas

Ollie Rock

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

A moderate amount of ascites was present with enhanced, surrounding, midabdominal mesentery. Free fluid was noted in the abdomen with reactive surrounding mesentery.

Mix

SEX

ULTRASONOGRAPHIC FINDINGS

Neutered male

Variable gastrointestinal thickening noted as well as colonic thickening.

Emphysematous hepatic mass with other nodular changes.

AGE

Splenic infiltrative pattern.

9 years

Enhanced mesentery obscuring the pancreas.

WEIGHT

Echogenic free fluid in chest and abdomen. Consistent with peritonitis or more likely exfoliating neoplasia.

24 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

There is a strong concern for lymphomatosis or similar neoplasia. Abdominocentesis, cytospin as well as ultrasound-guided FNA of the liver mass is recommended. The prognosis is guarded to poor depending upon cytology results. However, given the dual cavity effusion with this type of presentation, dual cavity neoplasia is suspected.

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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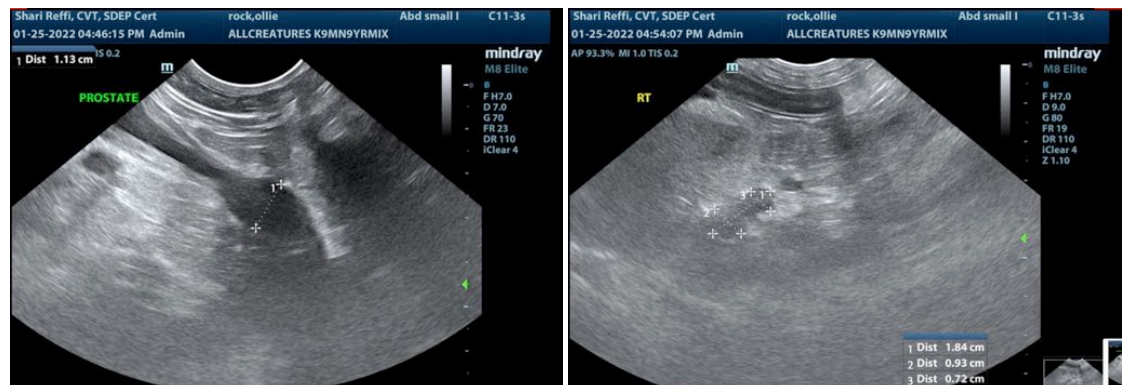
Dr. Ashmore

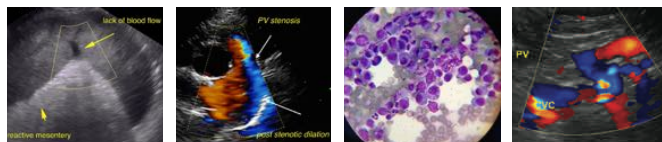
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PATIENT

Ollie Rock

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AGE

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WEIGHT

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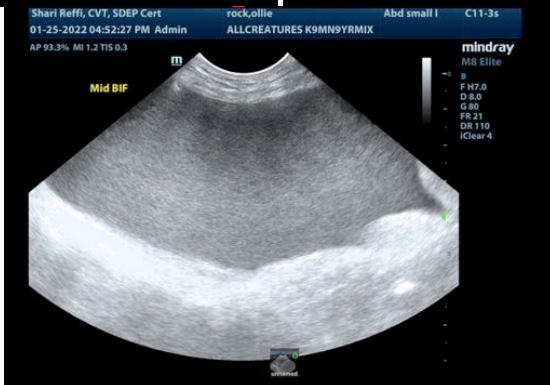
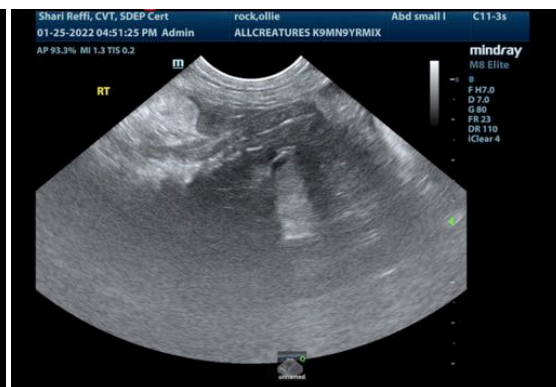
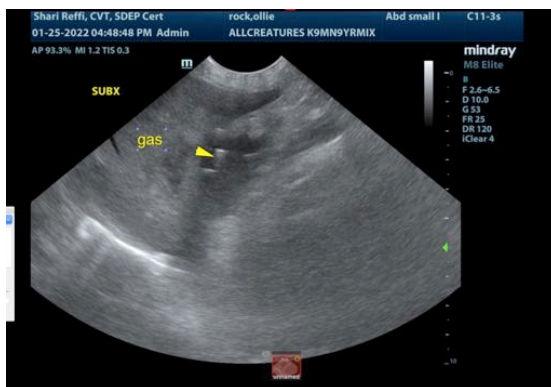
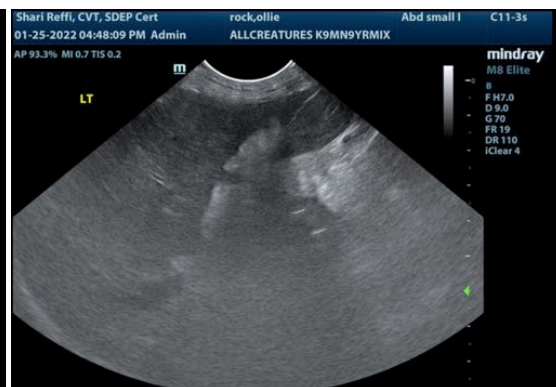
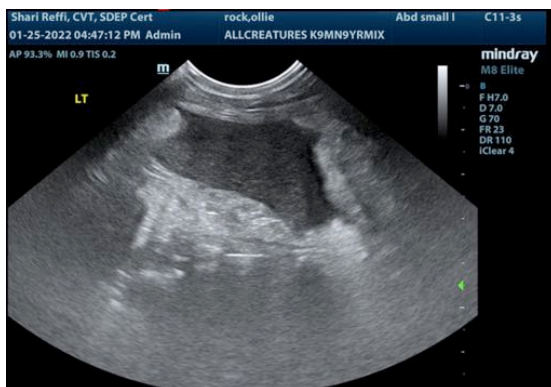
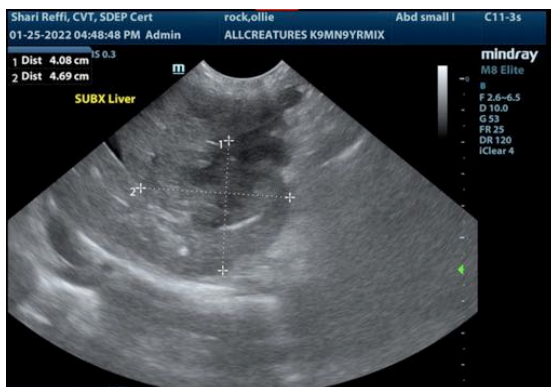
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PATIENT

Ollie Rock

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

Mix

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

SEX

Neutered male

AGE

9 years

WEIGHT

24 lbs

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