



PATIENT PRESENTING CLINICAL SIGNS

Shelby Vardy

bloody diarrhea, Weak today and unable to rise without assistance. Slight head tilt to the left. Gums are pale and tacky. Elevated HR and RR, very painful abdominal palpation Large firm swelling on anterior RF elbow and firm irregular mass right lateral thorax as well. meds: methadone, ampicillin, metronidazole, cerenia

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: SG: 07-25-22 at 12:19p: RBC 3.37 (5.65-8.87), Hct 18.9 (37.3-61.7), Hg 6.5 (13.1-20.5), Retic 177.3 (10-110). WBC 37.42 (5.05-16.76), Neut 30.01 (2.95-11.64), Lymph 4.41 (1.05-5.1) Mono 2.87 (0.16-1.12). Plt 40 (148-484). SDMA 24 (0-14), Creat 211 (44-159), BUN 14.3 (2.5-9.6), Phos 3.37 (0.81-2.20), ALT 486 (10-125). rads: Lateral/VD of thorax and abdomen. Moderate calcification of the costocondral areas. No obvious masses noted in thorax. Significant loss of serosal detail in the cranial abdomen, cannot see an obvious mass effect however peritonitis suspected.

BREED

German Shepherd

SEX

Spayed Female

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.

AGE

10 Years

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 measures 6.7 cm. The left kidney measures 7.42 cm wit pinpoint mineralizations noted.

WEIGHT

31.8 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 left adrenal gland measures 3.1 cm x 0.87 cm at the caudal pole and 0.88 cm at the cranial pole. The right adrenal gland measures 2.55 cm x 1.81 cm at the cranial pole and 0.56 cm at the caudal pole.

IMAGING PERFORMED BY

Kelly Reschny

Spleen

HOSPITAL NAME

Snelgrove VS

The **spleen** revealed multiple expansive coalescing masses with regional inflammation. The masses measured up to 10 cm.

Liver

REFERRING VET

Dr. McQueen

The **liver** presented multifocal hypoechoic nodules up to 3.0 cm. Coarse hepatic architecture noted with irregular parenchyma and enhanced pericapsular fat. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

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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

7/26/22



PATIENT *Pancreas*

Shelby Vardy

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

PRIMARY FINDINGS

- Splenic sarcoma type mass with concerning hepatic nodules strongly suggestive for metastatic disease

BREED

German Shepherd

SECONDARY FINDINGS

- Age related renal changes

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Screening FNA of the parenchyma portion of the splenic mass and the liver warranted for further definition. Echocardiogram and chest radiographs warranted to assess for metastatic disease. Prognosis is guarded to poor. The masses appear particularly aggressive.

AGE

10 Years

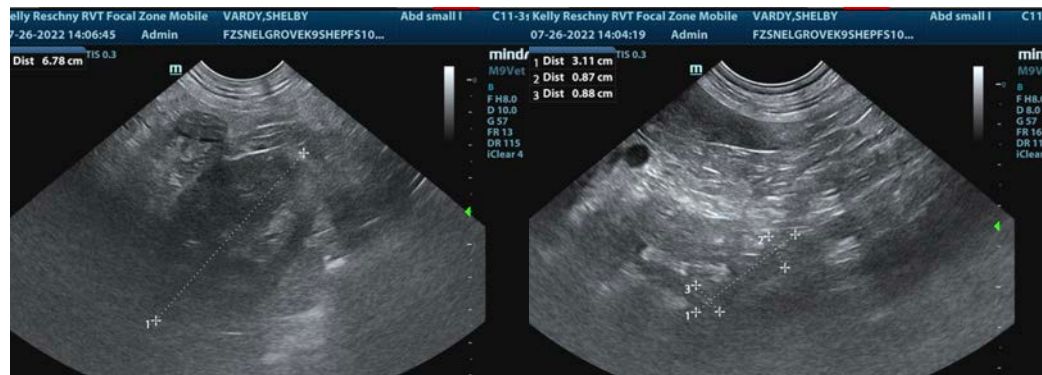
WEIGHT

31.8 kg

INTERPRETED BY

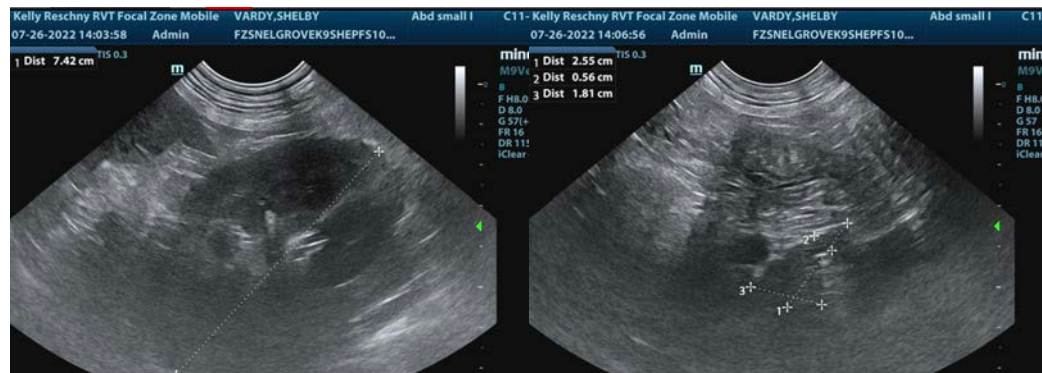
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HOSPITAL NAME

Snelgrove VS

REFERRING VET

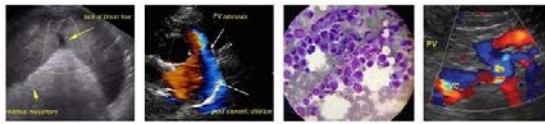
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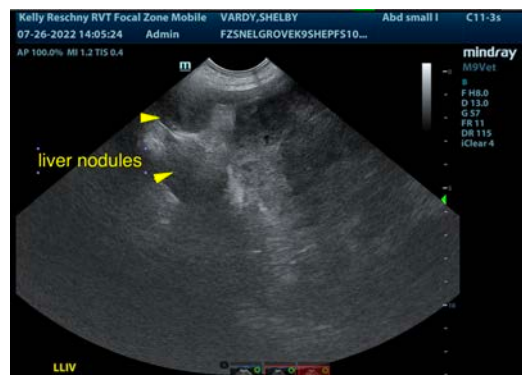
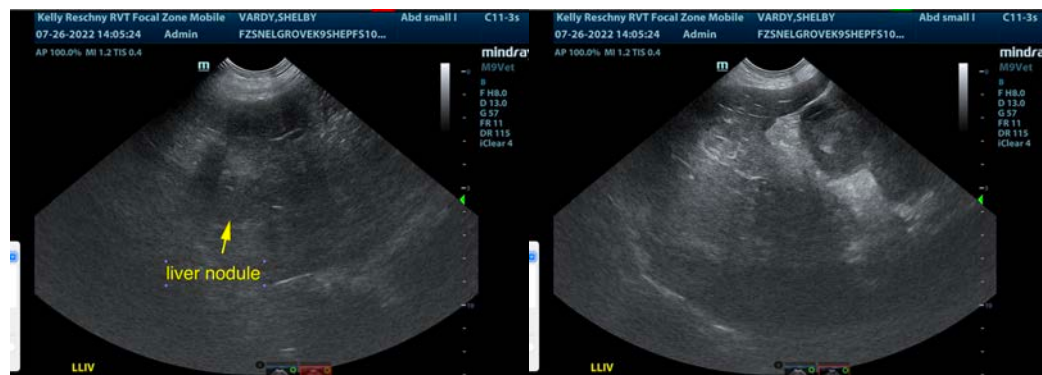
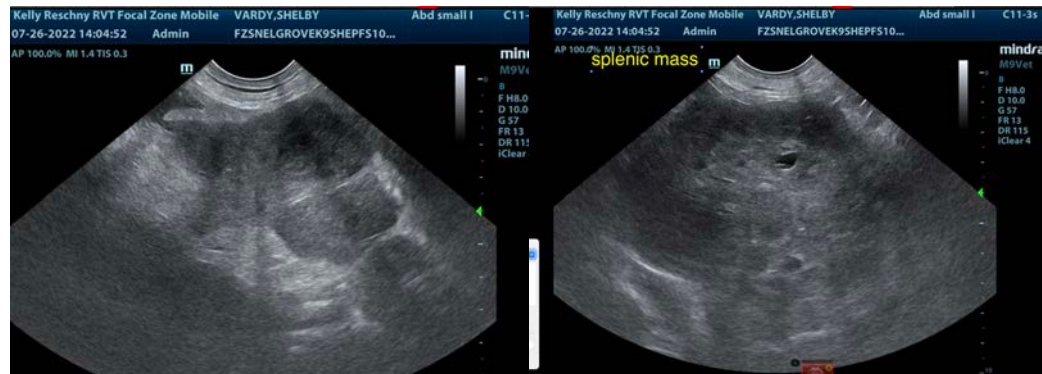
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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