



PATIENT PRESENTING CLINICAL SIGNS

Rosie Turney Lethargy, decreased appetite, abdominal mass noted on radiographs. Intermittent vomiting
Abnormal PE/Chem/CBC/UA Results: HCT = 29% nRBC 12/100. neutrophils: 11,745. TBili: 0.4.
Amylase= 1471

SPECIES

Canine

BREED

Cockerpoo

SEX

Spayed Female

AGE

12 Years

WEIGHT

26 Pounds

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

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 6.02 cm. The left kidney measured 5.35 cm.

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 1.81 cm x 0.80 cm at the cranial pole and 0.50 cm at the caudal pole. The left adrenal gland measured 2.18 cm x 0.50 cm.

Spleen

The **spleen** presented hypoechoic, irregular scalloping contour and enhanced surrounding mesentery. An overt 5.2 cm complex mass was noted, deriving from the mid caudal body. Other nodular changes noted throughout the spleen.

Liver

The **liver** revealed a cystic nodule measuring 2.4 cm with surrounding free fluid. Increased portal markings noted. Other expansive nodular disruptive changes noted in the liver, strongly suggestive for metastatic disease.

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.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ken Leal

HOSPITAL NAME

Heart & Paw Lake
Hopatcong

REFERRING VET

Dr. Caitin Verhalen

INVOICE

44599

DATE

8/2/23



PATIENT *Pancreas*

Rosie Turney

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

Other

BREED

Cockerpoo

Free fluid noted in the abdomen.

Rapid view of the heart revealed no evident pathology in the right auricle or pericardium.

SEX

Spayed Female

- Multicentric neoplasia – Splenohepatic sarcoma pattern.
- Free fluid – likely hemorrhage and the cause of anemia.
- Age related bladder and renal changes

AGE

12 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA could be considered for further definition, yet prognosis is poor.

WEIGHT

26 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ken Leal

HOSPITAL NAME

Heart & Paw Lake
Hopatcong

REFERRING VET

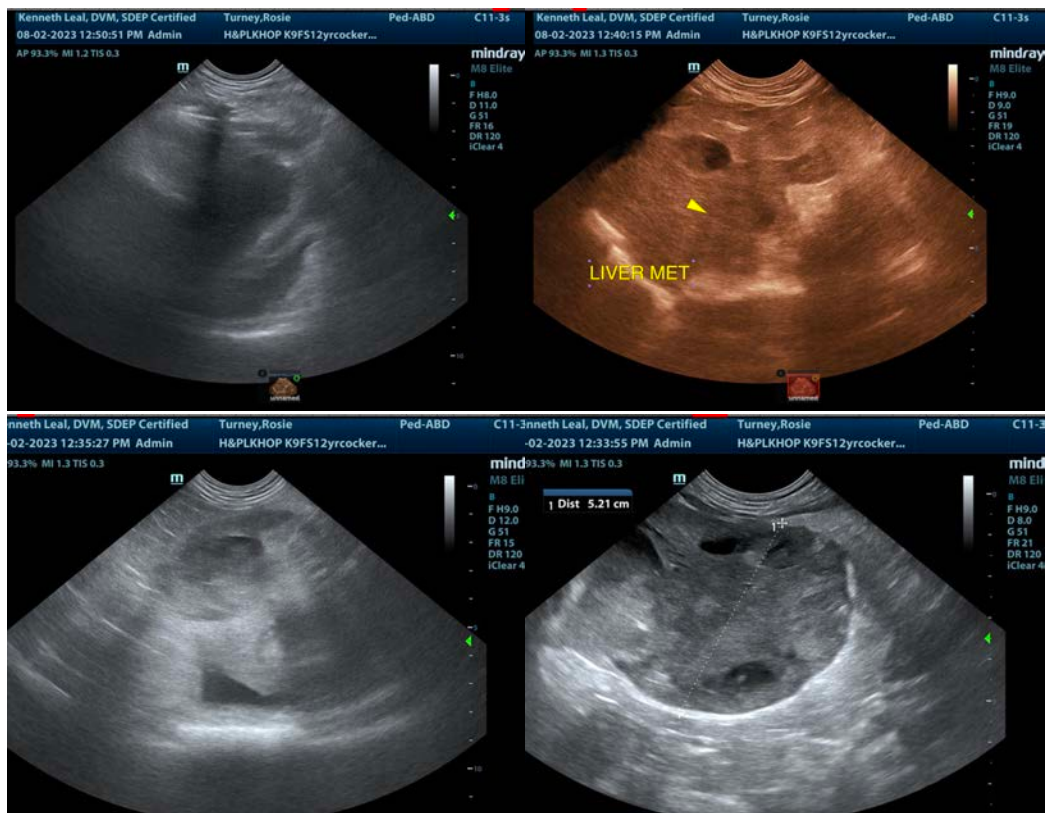
Dr. Caitin Verhalen

INVOICE

44599

DATE

8/2/23





PATIENT

Rosie Turney

SPECIES

Canine

BREED

Cockerpoop

SEX

Spayed Female

AGE

12 Years

WEIGHT

26 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ken Leal

HOSPITAL NAME

Heart & Paw Lake
Hopatcong

REFERRING VET

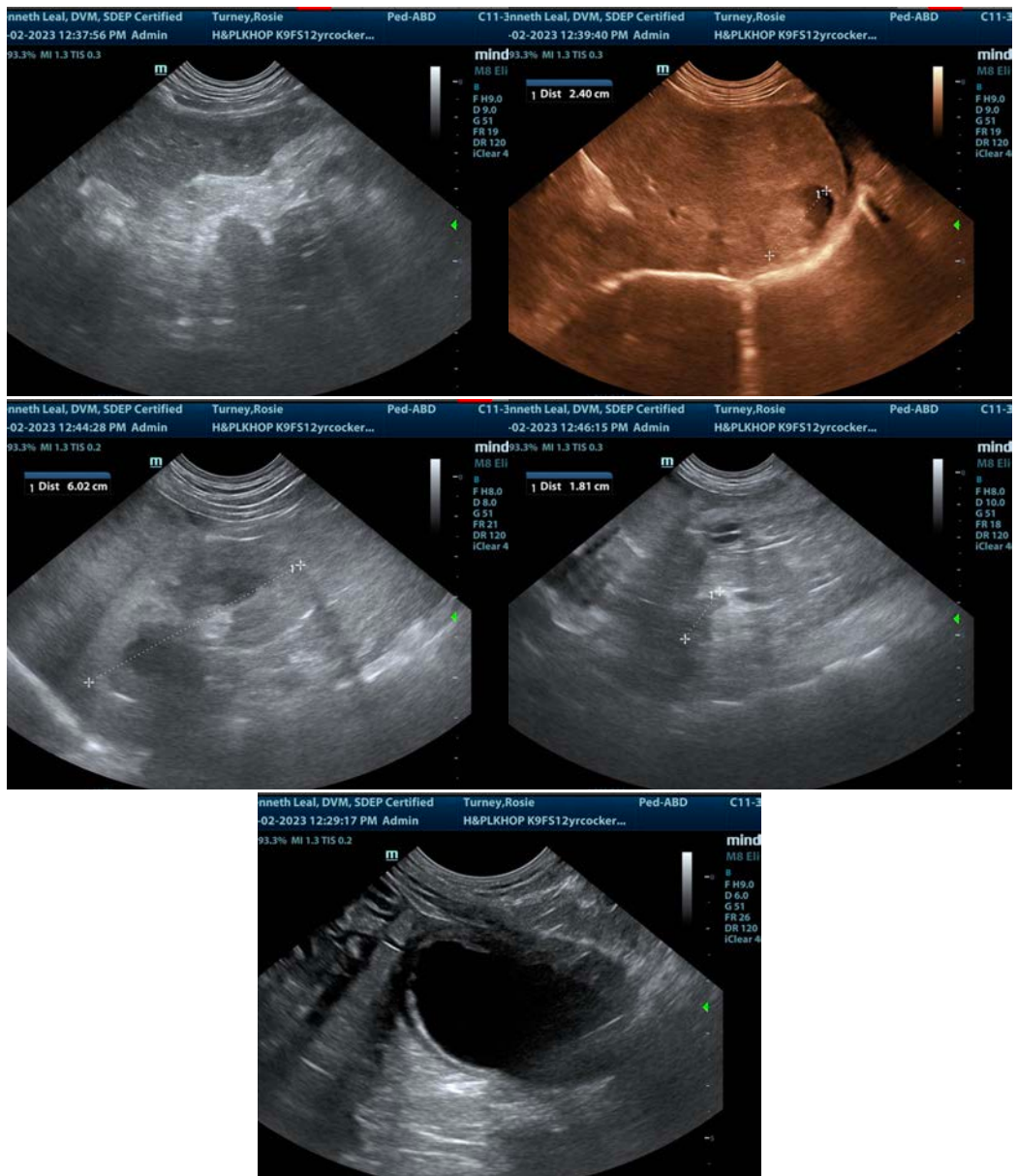
Dr. Caitin Verhalen

INVOICE

44599

DATE

8/2/23



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.

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

info@SonoPath.com