



PATIENT PRESENTING CLINICAL SIGNS

Avery Finck Clinical Exam Findings:

- SPECIES**
- Presented for lameness refractory to carprofen
 - Increased globulins on lab-work
 - Owner felt patient was off so screening chest films and abdominal ultrasound recommended
- Canine
- On chest films suspected splenic mass vs other (r/o cyst, granuloma etc) but neoplasia most likely

BREED

Abnormal lab-work values: GLOB 4.5

Tibetan Terrier

Current Medications: Carprofen, gabapentin/trazodone as sweet but anxious for rads so recommended for u/s to calm

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Spayed Female

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

AGE

9.15.13

The left kidney is normal in size (5.23 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

WEIGHT

39 lbs

The right kidney is normal in size (5.86 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM (*Small Animal Internal Medicine*)

Adrenal Glands

The left adrenal gland is normal in size (0.59 cm at cranial pole) (0.50 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

IMAGING PERFORMED BY

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The right adrenal gland is in normal size (1.06 cm at cranial pole) (0.60 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME

Coastal VC

Spleen

The spleen is enlarged with irregular peripheral contours. An approximately 8.50 cm heterogenous mass is arising from the parenchyma. Ill-defined hyperechoic areas are observed within the mass. In the remainder of the spleen, the margins are curvilinear and the parenchyma is homogenous. Splenic vasculature appears normal with no evidence of thrombosis.

REFERRING VET

Dr. Finan

Liver

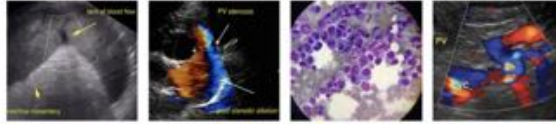
The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

INVOICE

12746

DATE

4.13.23



PATIENT The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Avery Finck

Gastrointestinal

SPECIES

Canine

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall is normal in thickness with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

BREED

Tibetan Terrier

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

SEX

Spayed Female

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

Other

AGE

9.15.13

A brief echocardiogram reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

39 lbs

Primary Findings

- Large splenic mass. Neoplasia (i.e., sarcoma, round cell tumor) is suspected. However, a benign process (i.e., large myelolipoma) cannot be completely excluded.

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Secondary Findings

- Minor bilateral age-related renal changes

Aspirates of the splenic mass were performed at the end of this study without incident.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- If splenic cytology results are inconclusive, consider a splenectomy with submission of the spleen for histopathology. Liver biopsies should also be obtained at the time of surgery to assess for micrometastatic disease.

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SPECIES

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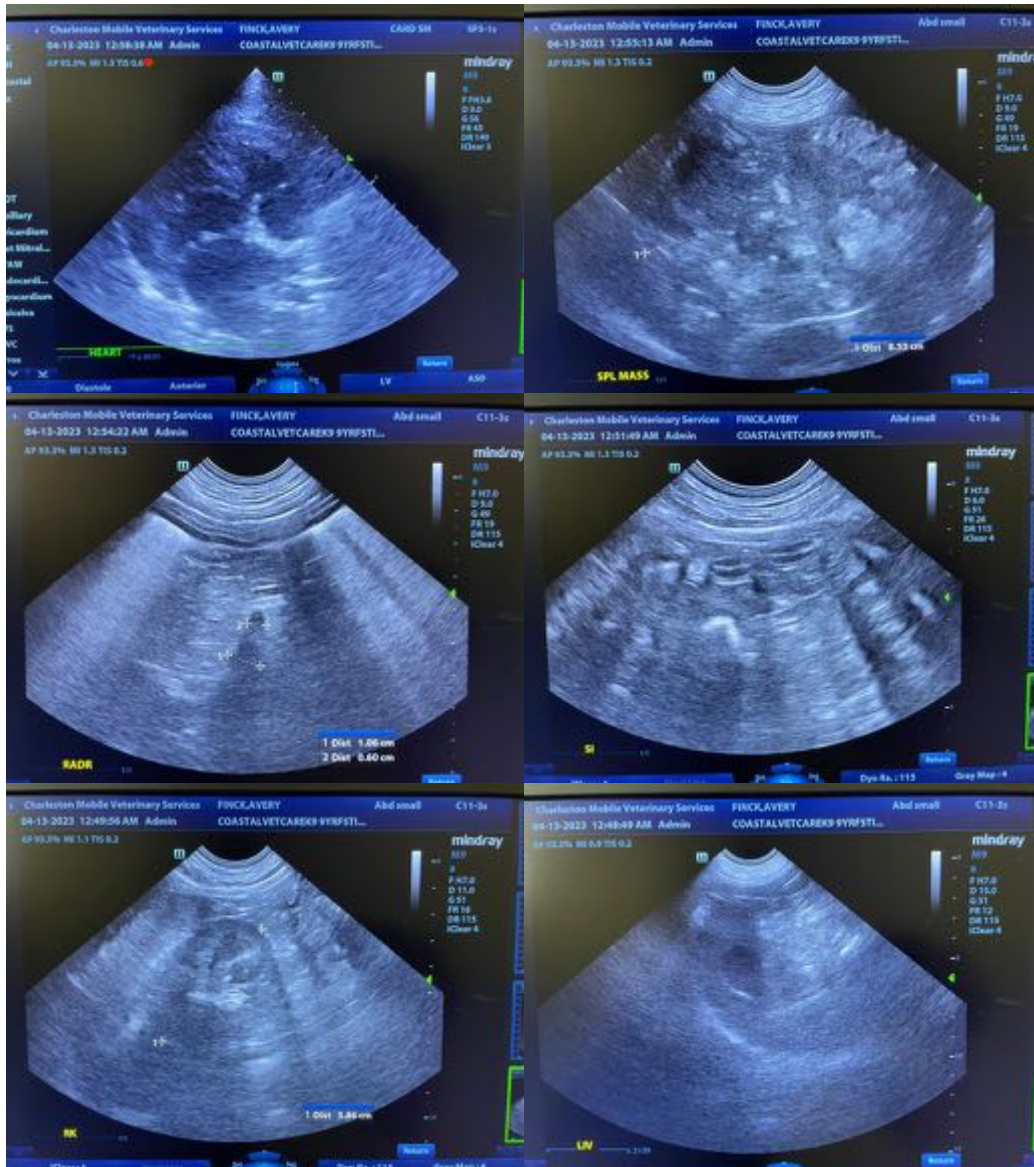
Dr. Finan

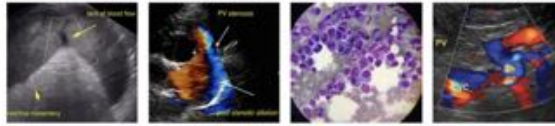
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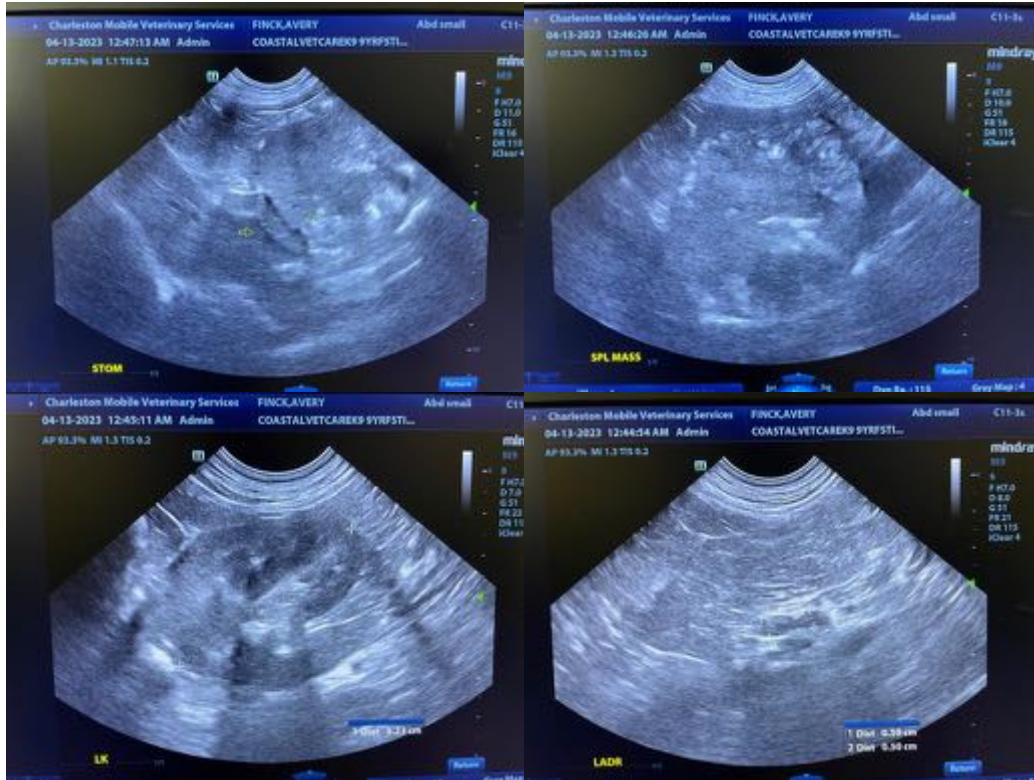
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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