



PATIENT PRESENTING CLINICAL SIGNS

Sherry Hruza History: L caudal mammary gland masses. r/o right inguinal area-mass vs hernia vs other (rads attached)
 Current Medications: Generic Cosopt for glaucoma (OS)

SPECIES

Canine

BREED

Beagle Mix

SEX

Female Spayed

AGE

9 years 8 mos

WEIGHT

28 lbs

INTERPRETED BY

Andrea Nicastro DVM
 Diplomate ACVIM
 (Sm Animal Internal Med)

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Hackettstown AH

REFERRING VET

Dr. Susan Bahr

INVOICE

22777

DATE

3-30-26

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The left kidney is normal in size (4.21 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal- mild loss of corticomedullary distinction. Several nonobstructive nephroliths are visualized. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal.

The right kidney is normal in size (4.46 cm in length) with a normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal- mild loss of corticomedullary distinction. Several nonobstructive nephroliths are visualized. There is no evidence of pyelectasia, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal in size (0.59 cm at cranial pole) (0.59 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.

The right adrenal gland is mildly enlarged (1.21 cm at cranial pole) (0.74 cm at caudal pole) with slightly swollen peripheral contours. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (0.99 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. A 0.71 x 0.46 cm ill-defined, hypoechoic nodule is observed approximately mid-body. Splenic vasculature is normal.

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.

The gallbladder lumen is moderately distended. The wall is thin and smooth. A moderate amount of aggregated, echogenic debris/sludge is observed within the lumen (most of which is gravity-dependent, some of which is adhered to the mucosal surface). The cystic and common bile ducts are normal/not seen.

Gastrointestinal

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.



PATIENT *Pancreas*

Sherry Hruza

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.

SPECIES *Lymph nodes*

Canine

The abdominal lymph nodes are normal/not visible.

Free Abdomen

BREED

There is no obvious evidence of free fluid.

Beagle Mix

Other

SEX

A >4.7 cm heterogenous, cavitated, left caudal mammary mass is visualized. Subcutaneously in the right caudolateral aspect of the patient, a 2.5 x 2.3 cm isoechoic mass is visualized.

Female Spayed

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

AGE

ULTRASONOGRAPHIC FINDINGS

9 years 8 mos

Primary Findings

WEIGHT

28 lbs

- Cavitated left caudal mammary mass
- The hypoechoic splenic nodule trends toward the benign (i.e., focus of lymphoid hyperplasia or similar) with a lower possibility of an emerging tumor.

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Secondary Findings

Andrea Nicastro DVM
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- Right isoechoic subcutaneous mass, most consistent with a lipoma, or less likely, a liposarcoma
- Bilateral age-related renal changes with nonobstructive nephrolithiasis
- Mild right adrenomegaly
- Excessive gall bladder sludge

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Hackettstown AH

- A minimum database (including a CBC, chemistry panel, urinalysis, and T4) to assess overall metabolic function (if not already performed).
- An additional right lateral thoracic radiograph is recommended to complete the metastatic check.
- Regarding the mammary mass, fine-needle aspiration should be considered (if not already performed). Also consider consultation with a board-certified oncologist and/or surgeon.
- Regarding the splenic nodule, consider a recheck ultrasound in 2-3 months to assess for growth.

REFERRING VET

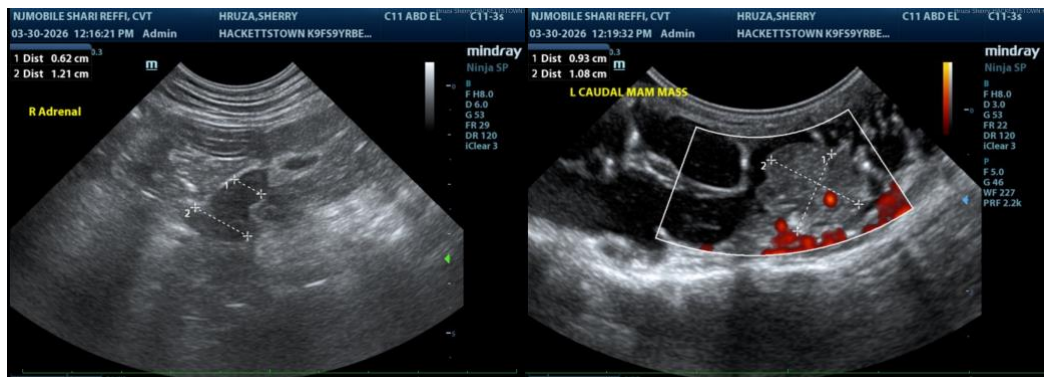
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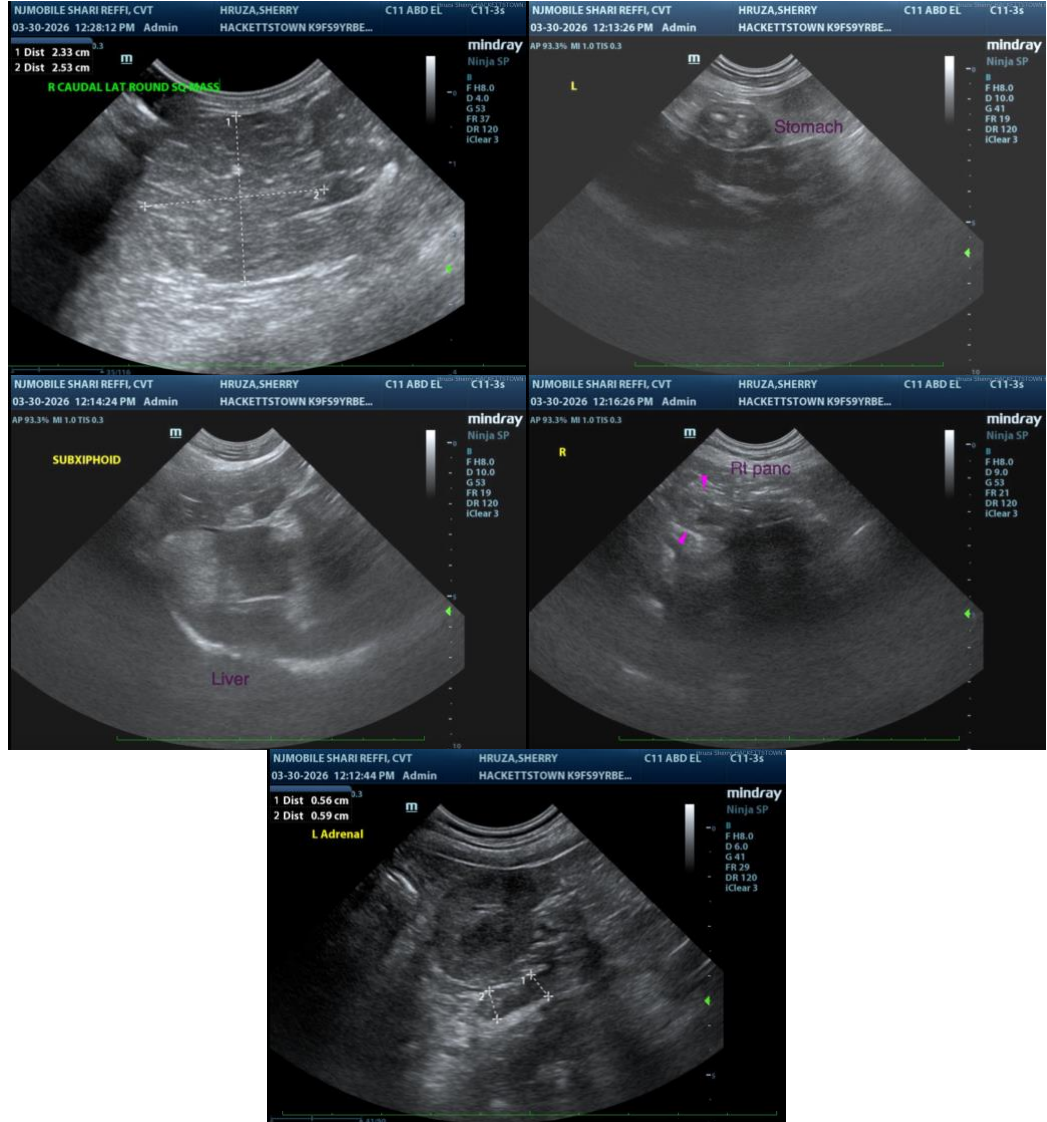
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
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