



PATIENT

Wally O'Dell

PRESENTING CLINICAL SIGNS

Hx of a dermal left flank mast cell tumor
Abnormal PE/Chem/CBC/UA Results: other multiple masses consistent with lipoma and sebaceous adenoma diagnoses

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Mountain Feist

Urinary System

Urinary bladder is mildly to moderately distended with anechoic contents. Apical urinary bladder wall is diffusely thick measuring 0.5 cm. Mucosa is hyperechoic and irregular. No masses or cystoliths are observed. The trigone and visible pelvic urethra are normal thickness with a smooth mucosal surface.

SEX

Neutered male

The prostate is normal for a neutered dog.

AGE

13 years

Left kidney is normal in size (4.74 cm) and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased echogenicity and mild loss of corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

WEIGHT

32.9 lbs

Right kidney is normal in size (5.44 cm) and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased echogenicity and mild loss of corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Adrenal Glands

Left adrenal gland is normal in size (0.47 cm at cranial pole and 0.49 cm at caudal pole), shape and contour. Corticomedullary structure is unremarkable.

Right adrenal gland is normal in size (1.0 cm at cranial pole and 1.0 cm at caudal pole), shape and contour. Corticomedullary structure is unremarkable.

IMAGING PERFORMED BY

Dr. Parrish

Spleen

HOSPITAL NAME

Local Mobile Vet

Spleen is subjectively normal in size with normal smooth margins. Parenchyma is normal in echogenicity and echotexture. There are multifocal well-demarcated hyperechoic homogenous nodules Splenic vasculature appears normal.

REFERRING VET

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Liver

Liver is subjectively normal in size. Margins are sharp and smooth. It has normal homogenous echotexture and normal echogenicity. No focal lesions are observed. Visible vasculature appears normal. Gallbladder is mildly distended with anechoic contents. The wall is smooth without visible thickening. There is no evidence of common bile duct dilation.

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DATE

2/9/22



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Gastrointestinal

The visible gastric wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm). The stomach is empty.

SPECIES

Canine

The small intestines are normal in wall thickness and layering. Small intestinal motility appears adequate (1-3 contractions per min). There are no luminal contents noted within small intestines.

BREED

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Colon is normal in wall thickness (< 0.2 cm) and layering.

SEX

Neutered male

Pancreas

Pancreas has normal homogenous echotexture and is normal in echogenicity and smooth margination. There is no evidence of peripancreatic inflammation.

AGE

13 years

Free Abdomen

In the midabdomen near the root of the mesentery there is a round, hypoechoic to anechoic structure that measures 1.0 x 1.5 cm. This is likely a lymph node.

WEIGHT

32.9 lbs

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Chronic Cystitis – Urinary bladder wall changes are most consistent with chronic cystitis. Infiltrative neoplasia cannot be ruled out but is considered less likely give the location and diffuse nature of the changes.
- Age related kidney change – This finding is expected/consistent with age-related mild degenerative disease and should be interpreted clinically in combination with laboratory changes.
- Hyperechoic splenic nodules – most consistent with benign myelolipomas. Other differentials such as fibrosis or calcification caused by old hematomas or infarcts, chronic inflammation, granulomatous disease or metastatic disease cannot be ruled out, but are less likely.
- Midabdominal, presumed lymph node, cyst, hematoma, etc. cannot be ruled out.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Monitor splenic nodules for changes in size and/or appearance, as myelolipomas typically remain unchanged, or fine needle aspirate of the spleen if patient's coagulation status is appropriate.

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I recommend a FNA of the structure/lymph node if possible. However, it may be difficult due to the depth and small size, in which case monitoring may be appropriate unless growth or progression occurs. If not recently evaluated a urinalysis with culture if indicated based on urinalysis results is recommended based on the urinary bladder wall changes.

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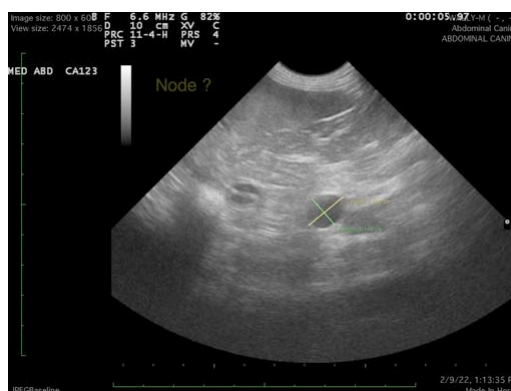
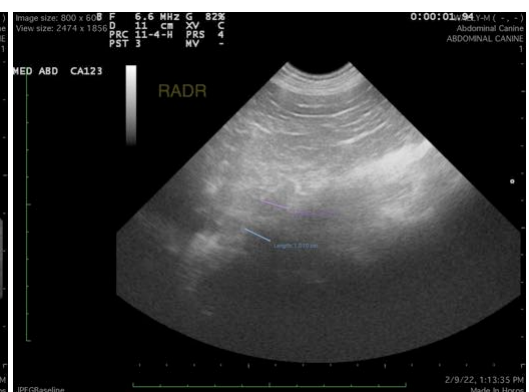
Dr. Parrish

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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.

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

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Beth Johnson, DVM DACVIM

Beth.Johnson@SonoPath.com

SEX

Neutered male

AGE

13 years

WEIGHT

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