



PATIENT	PRESENTING CLINICAL SIGNS
Fader Searles	History of multiple mast cell tumors. Check for metastasis. Abnormal PE/Chem/CBC/UA Results: No recent bloodwork
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Feline	Urinary System
BREED	Urinary bladder is adequately distended. It has a normal uniform wall thickness. Contents include primarily anechoic fluid with occasional echogenic non-shadowing debris, most consistent with incidental suspended lipid in a cat, possibly combined with exfoliated cells, mucous and/or small blood clots. Both sterile inflammation as well as urinary tract infection can also present with echogenic debris. No masses or cystoliths are observed. The trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.
DSH	
SEX	
Neutered Male	The right kidney is normal in size (4.73 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.
AGE	
15 Years	The left kidney is normal in size (4.14 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.
WEIGHT	Adrenal Glands
11 lb 4 oz	The right adrenal gland is normal in size (0.35 cm), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
INTERPRETED BY	The left adrenal gland is normal in size (0.41 cm), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
Beth Johnson, DVM DACVIM	Spleen
IMAGING PERFORMED BY	Spleen is subjectively large in size with subtly scalloped or undulating capsular contour. Parenchyma is normal in echogenicity with a mildly coarse/heterogenous echotexture. Multifocal well demarcated hyperechoic homogeneous nodules are noted throughout the parenchyma. Splenic vasculature appears normal.
Jessica Miller	
HOSPITAL NAME	Liver
Mount Olive VH	The liver is subjectively normal in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.
REFERRING VET	
Dr. Jones	The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.
INVOICE	Gastrointestinal
41283	The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.
DATE	
9/13/22	The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions



PATIENT

Fader Searles

per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.

SPECIES

Feline

Except in the mid-caudal abdomen, there is a 2.0 cm x 3.0 cm tubular structure, consistent with bowel, that appears to have a mucosal expansion (polyp vs mass). Echogenic fluid filled bowel cannot be definitively ruled out but is considered less likely.

BREED

DSH

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

SEX

Neutered Male

Pancreas
The observed pancreas appears appropriately isoechoic to surrounding omental fat. The capsule is mildly irregular in shape. Parenchyma is mildly heterogenous and coarse. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

Free Abdomen

AGE

15 Years

There is no evidence of free peritoneal effusion noted in these images.

Prominent mesenteric lymph nodes are noted.

PRIMARY FINDINGS

WEIGHT

11 lb 4 oz

- **Scalloped spleen** – can be associated with benign or malignant infiltrative disease. Common causes include a reactive spleen secondary to immune stimulus or early infiltrative round cell neoplasia such as lymphoma or mast cell tumor. Hyperechoic nodules could be incidental benign myelolipomas. However, given the history, infiltrative metastatic mast cell tumor cannot be ruled out.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

- **Suspected bowel mucosal polyp or mass** – both benign as well as malignant etiologies are differentials. Echogenic fluid filled bowel cannot be definitively ruled out but is considered less likely.

IMAGING PERFORMED BY

Jessica Miller

- **Mesenteric lymphadenopathy** – Both reactive lymphadenopathy as well as infiltrative neoplasia are differentials and cannot be differentiated without tissue sampling.

HOSPITAL NAME

Mount Olive VH

SECONDARY FINDINGS

- Urinary bladder debris
- **Pancreatic age-related remodeling** – Mild irregularities are consistent with benign age-related change. Low-grade smoldering chronic pancreatitis cannot be ruled out and should be suspected in the face of appropriate clinical signs.

REFERRING VET

Dr. Jones

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

41283

A fine needle aspirate of the spleen is recommended if patient's coagulation status is appropriate, and pre-medication with diphenhydramine is advised.

DATE

9/13/22

Urinalysis and, if indicated based on urinalysis results, urine culture are recommended. If protein is present in an otherwise quiet sediment, protein quantification with a urine protein to creatinine ration is recommended.



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A fine needle aspirate of the bowel mucosal lesion is also recommended; however, if a more conservative approach is elected (given lack of gastrointestinal clinical signs), a recheck ultrasound is recommended, either when/if clinical signs develop or in 2-3 weeks.

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

15 Years

WEIGHT

11 lb 4 oz

INTERPRETED BY

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IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

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REFERRING VET

Dr. Jones



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DATE

9/13/22



PATIENT

Fader Searles

SPECIES

Feline

BREED

DSH

SEX

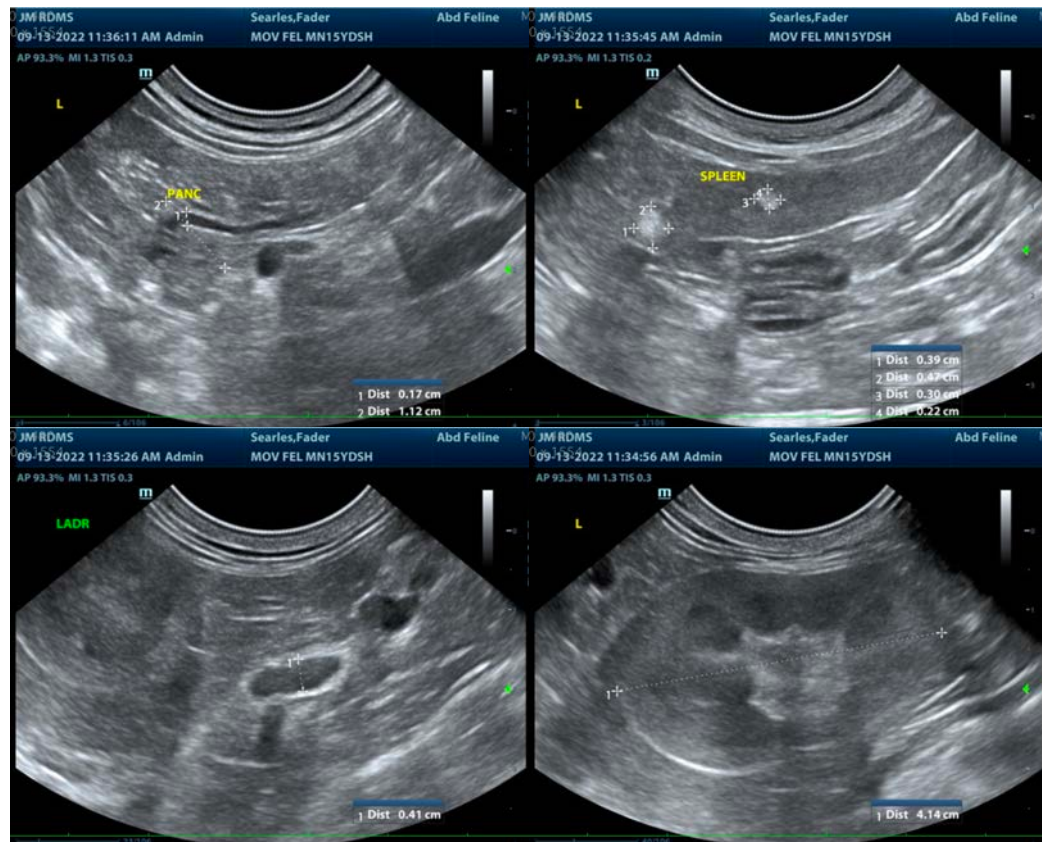
Neutered Male

AGE

15 Years

WEIGHT

11 lb 4 oz



INTERPRETED BY

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Dr. Jones

INVOICE

41283

DATE

9/13/22

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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