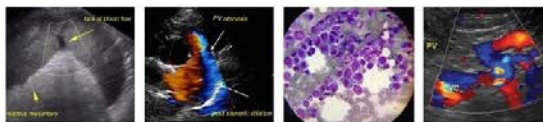




PATIENT	PRESENTING CLINICAL SIGNS
Lola Berner	P has not been touching his dry kibble/treats thursday-sat (decreased appetite) P still nibbling on human food (chicken) sat-sunday P only urinated once a small amount that O could see sat afternoon O offered canned food/lickable treats and P was not interested has not eaten anything since sat (sat-today) has not eaten anything no bm's and decreased urine output spending more time in basement, seems stiff/uncomfortable when walking PE: m1 pale mm's, tacky , m1 distended abdomen, cannot palpate structures well , heavy purring, cannot auscult heart well, but heart rate elevated and increased (abdominal) effort to the breathing meds: mirtazapine
SPECIES	
Feline	
BREED	
DSH	Abnormal PE/Chem/CBC/UA Results: rads showed fluid in abd-bloody
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Neutered Male	Urinary System
AGE	The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.
13 Years	
WEIGHT	The right kidney is normal in size (3.83 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.
5.48 kg	
INTERPRETED BY	The left kidney is normal in size (4.24 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.
Beth Johnson, DVM DACVIM	Adrenal Glands
IMAGING PERFORMED BY	The right adrenal gland is normal in size (0.30 cm), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
Kelly Reschny	The left adrenal gland is normal in size (0.36 cm), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
HOSPITAL NAME	Spleen
BPH East Hamilton	The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.
REFERRING VET	Liver
Dr. MacDonald	The liver is normal to subjectively small in size with markedly undulating, scalloped capsular contour/margins. The parenchyma is mottled by multifocal heterogeneous nodules/masses. Visible vasculature and biliary tree appear normal without distension or congestion.
INVOICE	
46598	
DATE	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.
4/12/23	Gastrointestinal
	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.



PATIENT

Lola Berner

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

SPECIES

Feline

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

BREED

Pancreas

DSH

The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.

SEX

Neutered Male

Free Abdomen

AGE

13 Years

There is a very large amount of free fluid with echogenic debris visible within the fluid. Additionally, the mesentery is diffusely enhanced, clumped, and nodular.

There is no apparent lymphadenopathy noted in these images.

WEIGHT

5.48 kg

ULTRASONOGRAPHIC FINDINGS

- Small nodular liver – Concerning for infiltrative neoplasia such as round cell neoplasia, metastatic neoplasia, etc., potentially resulting in fibrosis and/or early cirrhosis of the liver.
- Large amount of echogenic free fluid and nodular appearing mesentery – Also concerning for a metastatic component, as can be seen with carcinomatosis. A benign fluid, especially secondary to portal hypertension, versus hypoalbuminemia versus cardiac disease versus other is possible and should be investigated, but is considered less likely.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Kelly Reschny

A general metabolic health screen (if not recently evaluated) is recommended, beginning with a CBC/Chem panel, electrolytes, a urinalysis and, if indicated based on urinalysis results, urine culture. If protein is present in an otherwise quiet sediment, protein quantification with a urine protein to creatinine ratio is recommended.

HOSPITAL NAME

BPH East Hamilton

Additionally, the fluid that was reportedly sampled from the abdomen should be submitted for cytology +/- culture and sensitivity, etc. based on cytology results. If an answer is not obtained from the fluid, a fine needle aspirate of the liver could be considered if patient's coagulation status is appropriate.

REFERRING VET

Dr. MacDonald

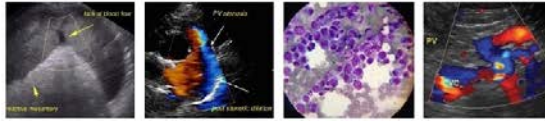
Additionally, pending those results, and if bilirubin is normal, bile acids could be considered.

INVOICE

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DATE

4/12/23



PATIENT

Lola Berner

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 Years

WEIGHT

5.48 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

BPH East Hamilton

REFERRING VET

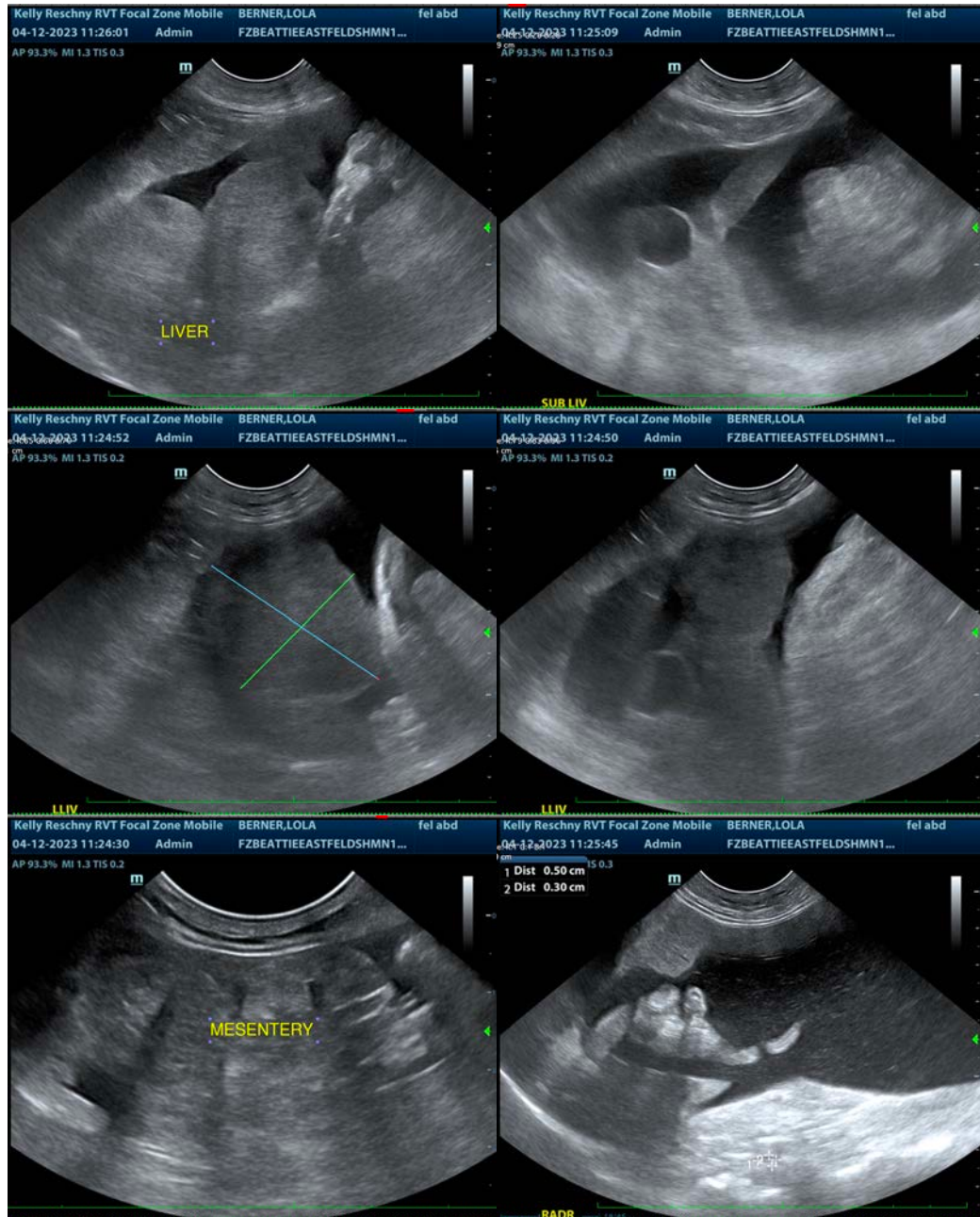
Dr. MacDonald

INVOICE

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DATE

4/12/23





PATIENT

Lola Berner

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

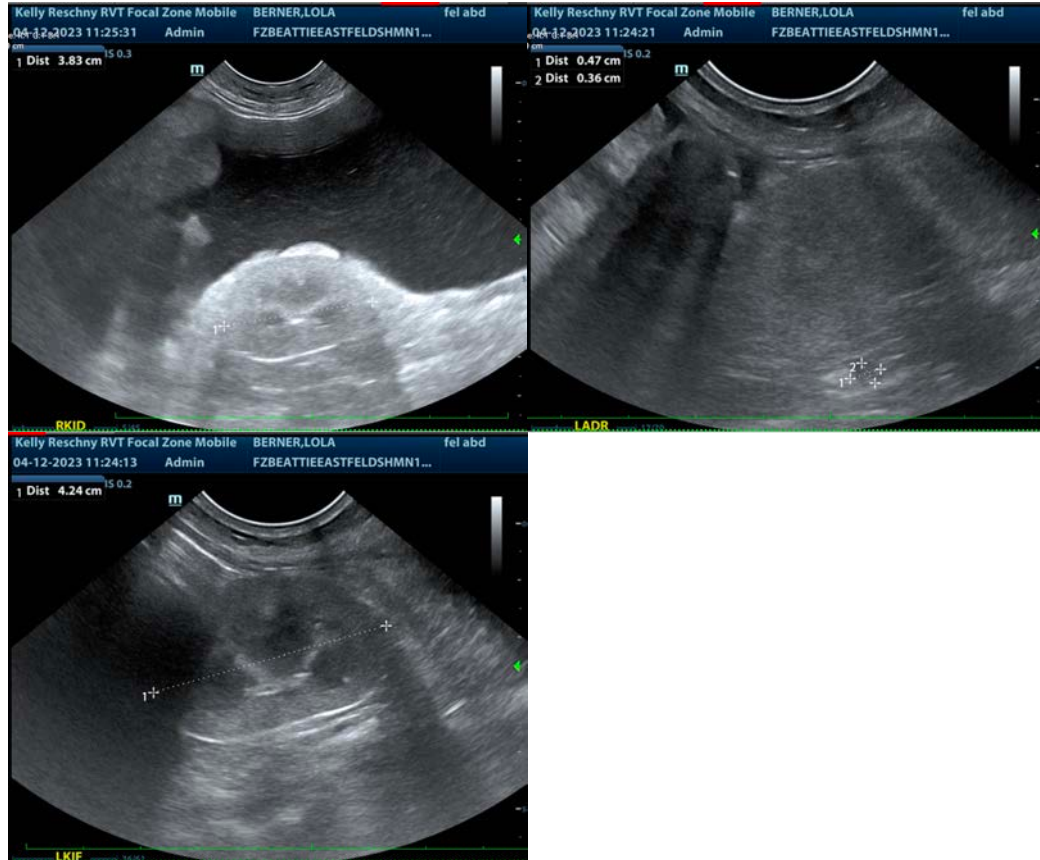
13 Years

WEIGHT

5.48 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM



IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

BPH East Hamilton

REFERRING VET

Dr. MacDonald

INVOICE

46598

DATE

4/12/23

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.

Beth Johnson, DVM, DACVIM
Beth.Johnson@sonopath.com