



PATIENT	PRESENTING CLINICAL SIGNS
Snoopy Spinks	had one episode of vomiting a week prior to short episode of not eating; has resumed eating Abnormal PE/Chem/CBC/UA Results: cbc/chem/ua wnl
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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.
Jack Russell Terrier	Prostate is normal in size, echotexture and echogenicity for a neutered male.
SEX	The right kidney is normal in size (3.51 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.
Neutered Male	
AGE	The left kidney is normal in size (3.92 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. A small cortical cyst is noted in the left kidney.
14 Years	
WEIGHT	Adrenal Glands
12 Pounds	The right adrenal gland is normal in size (1.58 cm long x 0.97 cm at the cranial pole and 0.57 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
INTERPRETED BY	The left adrenal gland is normal in size (1.73 cm long x 0.48 cm at the cranial pole and 0.64 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
Beth Johnson, DVM DACVIM	
IMAGING PERFORMED BY	Spleen
Diane McFadden	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.
HOSPITAL NAME	Liver
AH of Sussex County	Liver is subjectively enlarged with mildly irregular margins. Parenchyma is heterogenous characterized by multiple poorly defined hypoechoic nodules within otherwise hyperechoic liver parenchyma. Visible vasculature and biliary tree appear normal without distension or congestion.
REFERRING VET	Gallbladder is moderately distended with anechoic bile as well as suspended and gravity dependent echogenic debris. The wall is smooth without visible thickening. There is no evidence of cystic or CBD dilation. There is no evidence of effusion or inflammation.
Dr. Spinks	
INVOICE	Gastrointestinal
41162	Fundic mucosal hypertrophy with hyperechoic mucosa and some mucosal remodeling is noted. There is no loss of mural detail. Layering is normal. There is mild luminal fluid accumulation. No evidence of masses/nodules or foreign material present.
DATE	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
9/8/22	



PATIENT

Snoopy Spinks

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

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

SPECIES

Canine

Pancreas

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.

BREED

Jack Russell Terrier

Free Abdomen

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

SEX

Neutered Male

There is no apparent lymphadenopathy noted in these images.

ULTRASONOGRAPHIC FINDINGS

AGE

14 Years

- **Gastritis** – Consistent with irritation secondary to dietary indiscretion or intolerance, infection (bacterial, viral, other), parasitic or protozoal disease, toxin, other metabolic disease such as pancreatitis, other. Microulceration cannot be ruled out. **This is a very mild change and could be resolving, given the reported improvement in clinical signs.

WEIGHT

12 Pounds

- **Heterogenous Liver** – These changes are most consistent with benign processes such as nodular hyperplasia, steroid (vacuolar) hepatopathy, extramedullary hematopoiesis or possibly chronic inflammatory disease and less commonly infiltrative round cell or metastatic neoplasia.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

- **Gallbladder debris** – Cholecystic debris is of unknown clinical significance. It can be seen with biliary stasis from fasting or illness. Cholecystic debris is not necessarily related to hepatobiliary disease. Echogenic bile is most commonly an incidental finding in dogs and should be interpreted in combination with clinical signs such as nausea, inappetence, cranial abdominal discomfort and/or laboratory changes such as increased ALP and/or increased Tbili.

IMAGING PERFORMED BY

Diane McFadden

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

AH of Sussex County

This patient's clinical signs are reportedly improving. Therefore, follow up may not be indicated. However, if decreased appetite and/or nausea persist, then supportive/symptomatic medical management of gastritis with antiemetics, gastroprotectants, and potentially a diet transition to a bland, easy to digest diet, as well as empirical deworming with a 5-day course of Panacur. If gastrointestinal signs become recurrent or chronic, then a gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function.

REFERRING VET

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Snoopy Spinks

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Neutered Male

AGE

14 Years

WEIGHT

12 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

AH of Sussex County

REFERRING VET

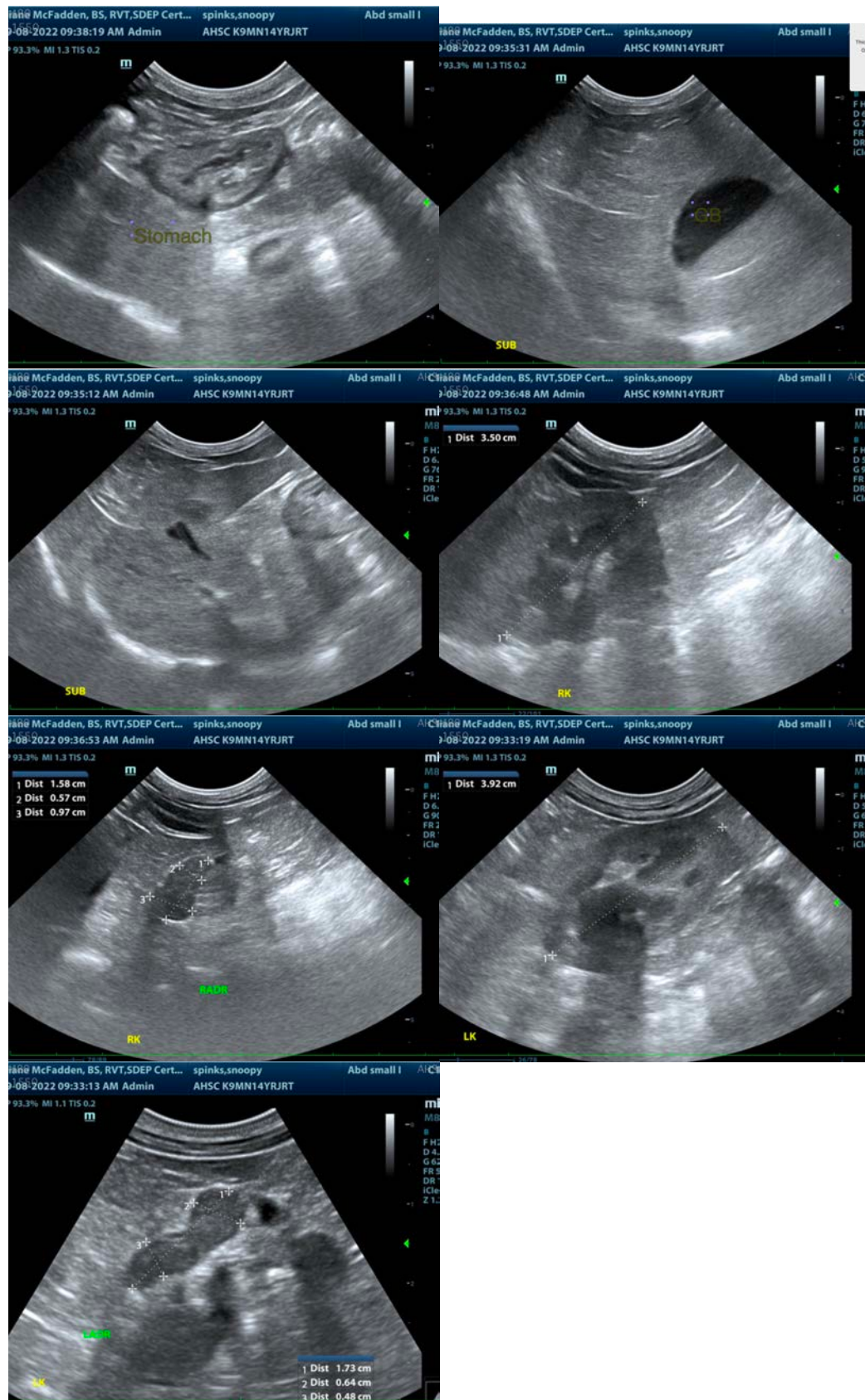
Dr. Spinks

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PATIENT

Snoopy Spinks

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

Jack Russell Terrier

Beth Johnson, DVM, DACVIM

Beth.Johnson@sonopath.com

SEX

Neutered Male

AGE

14 Years

WEIGHT

12 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

**IMAGING
PERFORMED BY**

Diane McFadden

HOSPITAL NAME

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