



PATIENT	PRESENTING CLINICAL SIGNS
Chewbacca Rohr	Blood in stool on/off for a few months, will get softer as the day progresses. Blood present on rectal exam. Has been on Prednisolone.
SPECIES	Abnormal PE/Chem/CBC/UA Results: OPG negative.
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Yorkie	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.
SEX	Prostate is normal in size, echotexture and echogenicity for a neutered male.
Neutered Male	The right kidney is normal in size (4.53 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	The left kidney is normal in size (4.61 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.
8 Years	Adrenal Glands
WEIGHT	The right adrenal gland is normal in size (1.64 cm long x 1.1 cm at the cranial pole and 0.69 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
7 kg	The left adrenal gland is normal in size (1.7 cm long x 0.53 cm at the cranial pole and 0.56 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
INTERPRETED BY	Spleen
Beth Johnson, DVM DACVIM	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). A 0.4 cm hypoechoic nodule is noted in the mid body, non-capsular disrupting. Splenic vasculature appears normal.
IMAGING PERFORMED BY	Liver
Crystal Hill	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.
HOSPITAL NAME	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.
BPH East Hamilton	Gastrointestinal
REFERRING VET	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.
Dr. Nannayakari	
INVOICE	
41294	
DATE	
9/13/22	



PATIENT

Chewbacca Rohr

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

Canine

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

Pancreas

BREED

Yorkie

The area of the pancreas contains irregular hyperechoic pancreatic remodeling.

Free Abdomen

SEX

Neutered Male

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

There is no apparent lymphadenopathy noted in these images.

ULTRASONOGRAPHIC FINDINGS

AGE

8 Years

- **Hyperechoic pancreas** – This finding is suggestive of pancreatic fibrosis, possibly secondary to chronic pancreatitis. A TLI is recommended to rule out exocrine pancreatic insufficiency (EPI), especially if clinical signs (weight loss, diarrhea, etc.) are present.

WEIGHT

7 kg

- **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.
- **Hypo to anechoic splenic nodule** – likely represents a benign lesion such as a cyst, hematoma, nodular hyperplasia, extramedullary hematopoiesis, etc., however while considered less likely, infiltrative neoplasia can mimic benign lesions, and cannot be ruled out.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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.

IMAGING PERFORMED BY

Crystal Hill

A fecal enteropathogen PCR panel to Texas A&M GI Laboratory could be considered for further evaluation of possible infectious disease.

HOSPITAL NAME

BPH East Hamilton

In the meantime, while awaiting results, recommendations include empirical deworming with a 5 day course of Panacur, a transition to a low-fat diet to begin with, and if no improvement after 2-3 weeks, transition to potentially a higher fiber diet, or if that doesn't help, ultimately a hydrolyzed diet. A course of Metronidazole or Tylosin is also recommended, given the reported hematochezia.

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SPECIES

Canine

BREED

Yorkie

SEX

Neutered Male

AGE

8 Years

WEIGHT

7 kg

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Crystal Hill

HOSPITAL NAME

BPH East Hamilton

REFERRING VET

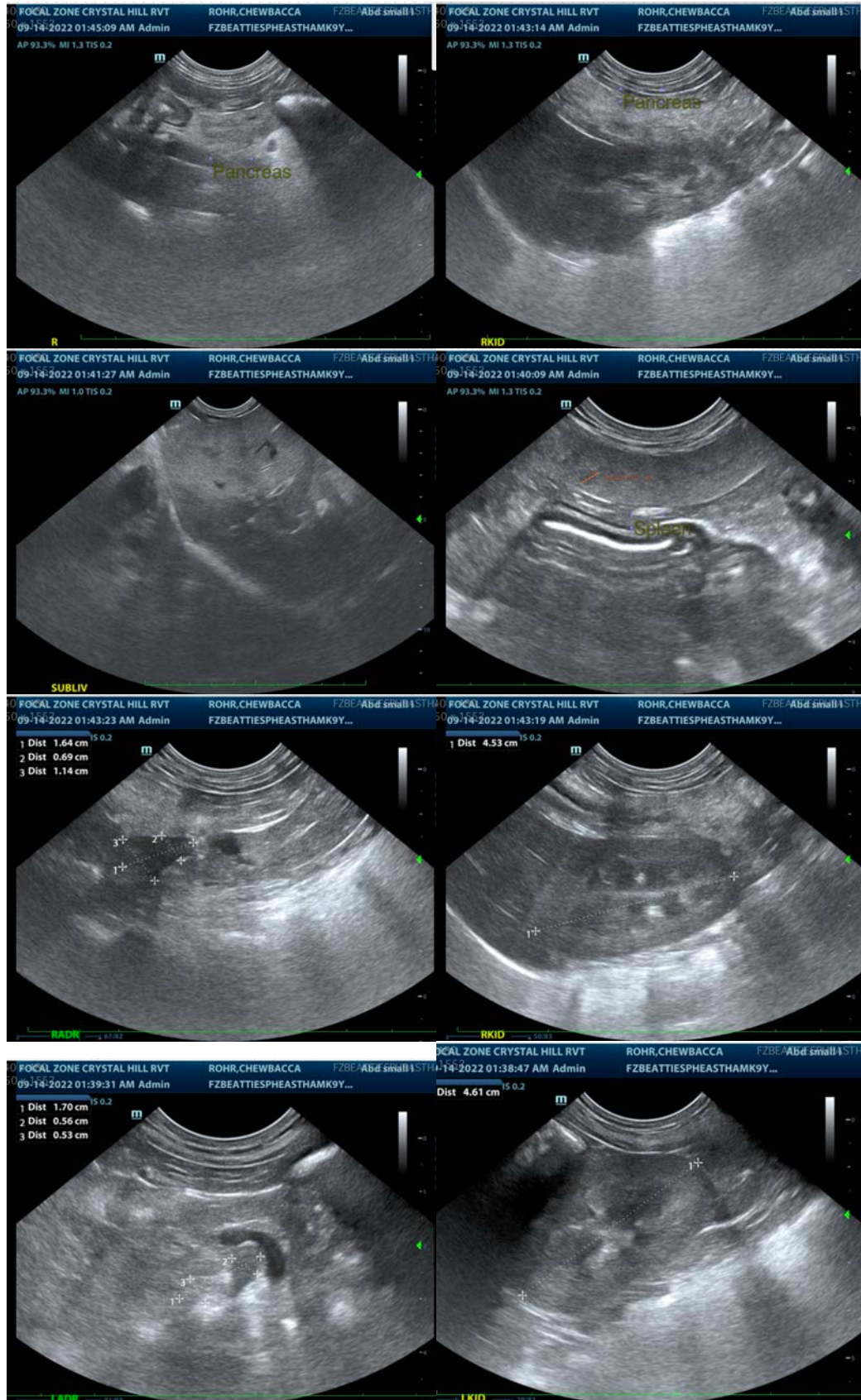
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PATIENT

Chewbacca Rohr

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

Yorkie

Beth Johnson, DVM, DACVIM

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SEX

Neutered Male

AGE

8 Years

WEIGHT

7 kg

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