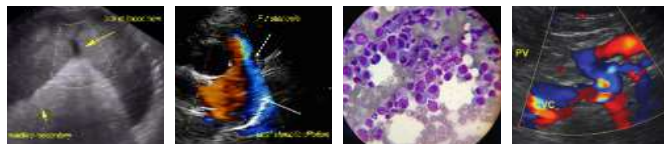




PATIENT	PRESENTING CLINICAL SIGNS
Lucy DiPasquale	lethargic, episodes of collapse, not eating Abnormal PE/Chem/CBC/UA Results: hct: 21.6 rdw: 23 ALKP: 293
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	<i>Urinary System</i>
BREED	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.
Chihuahua	No evidence of pathology in the area of the aortic trifurcation.
SEX	Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.3 cm in length. The right kidney measured 6.1 cm in length.
FS	
AGE	<i>Adrenal Glands</i>
11 Years	The bilateral adrenal glands were mildly enlarged in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 2.4 cm length x 0.94 cm width in the caudal pole. The right adrenal gland measured 2.2 cm length x 0.82 cm width in the caudal pole.
WEIGHT	<i>Spleen</i>
15 lbs	The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. A solitary nonexpansive small centrally echogenic to peripherally hypoechoic intraparenchymal nodule was noted measuring 0.67 cm diameter. Mild generalized parenchyma heterogeneity was present. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.
INTERPRETED BY	<i>Liver / Gallbladder</i>
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The liver exhibited mild to potential moderate enlargement. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.
IMAGING PERFORMED BY	REFERRING VET
Tech	Dr. Michelle Roche
HOSPITAL NAME	INVOICE
Fredon Animal Hospital	48972
REFERRING VET	DATE
Dr. Michelle Roche	12-13-21
INVOICE	<i>Gastrointestinal</i>
48972	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild echogenic primarily non-shadowing ingesta without signs of obstruction or foreign material. The pylorus wall measured 0.36 cm width.
DATE	
12-13-21	



PATIENT	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. The duodenum wall width measured 0.46 cm and the jejunum wall width measured 0.37 cm.
Lucy DiPasquale	
SPECIES	Normal visible colon wall layers were present with apparent formed feces in lumen.
Canine	<i>Pancreas</i>
BREED	The pancreas exhibited subtle prominent size with mild asymmetrical contour and nonhomogeneous to subtle isoechoic nodular parenchyma. The visible pancreatic duct was normal. No overt evidence of peripancreatic reactive or inflamed mesentery.
Chihuahua	<i>Free Abdomen</i>
SEX	No overt lymphadenopathy or peritoneal effusion was present.
FS	ULTRASONOGRAPHIC FINDINGS
AGE	Primary
11 Years	<ul style="list-style-type: none"> • Bilateral mild adrenomegaly. • Mild splenic parenchyma heterogeneity with focal nonexpansive parenchymal nodule. • Hepatomegaly - subjectively benign.
WEIGHT	<ul style="list-style-type: none"> • Heterogeneous to subtly nodular pancreas. • Mild retained gastric ingesta.
15 lbs	Secondary
INTERPRETED BY	<ul style="list-style-type: none"> • Mild age related kidneys.
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
IMAGING PERFORMED BY	The bilateral adrenomegaly is of unknown clinical significance. Potential for age related variant or benign hyperplasia. Full adrenal workup could be considered if clinically indicated; however, the patient's clinical signs were not overly suggestive of hyperadrenocorticism. Screening blood pressure advised.
Tech	Splenic hyperplasia, hematopoiesis, focal lymphoid hyperplasia, incidental splenitis, or focal infarct could be present while possibility of splenic neoplasia, although thought less likely, cannot be definitively excluded.
HOSPITAL NAME	Assuming normal clotting status, ultrasound guided FNA of the spleen, +/- splenic nodule if accessible, using a 25-gauge needle could be considered for screening cytology and further clarification.
Fredon Animal Hospital	Assessment for evidence of cranial abdominal or subxiphoid discomfort on palpation in the area of the pancreas suggested. If present, potential for low grade to chronic pancreatitis which may present essentially sonographically normal would be expected. Correlation with Spec fPL would be appropriate.
REFERRING VET	
Dr. Michelle Roche	INVOICE
	48972
	The presence of gastric ingesta is nonspecific yet given the patient's history of inappetence could indicate some degree of metabolic gastric stasis. No overt evidence of gastrointestinal foreign material or mechanical obstruction.
	DATE
12-13-21	An obvious cause of the mild anemia was not definitively evident. CBC pathology review, three view chest radiographs to assess for thoracic pathology and cardiopulmonary status, +/- ECG, if persistent episodes of collapse may be indicated.



PATIENT

Lucy DiPasquale

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

11 Years

WEIGHT

15 lbs

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Tech

HOSPITAL NAME

Fredon Animal
Hospital

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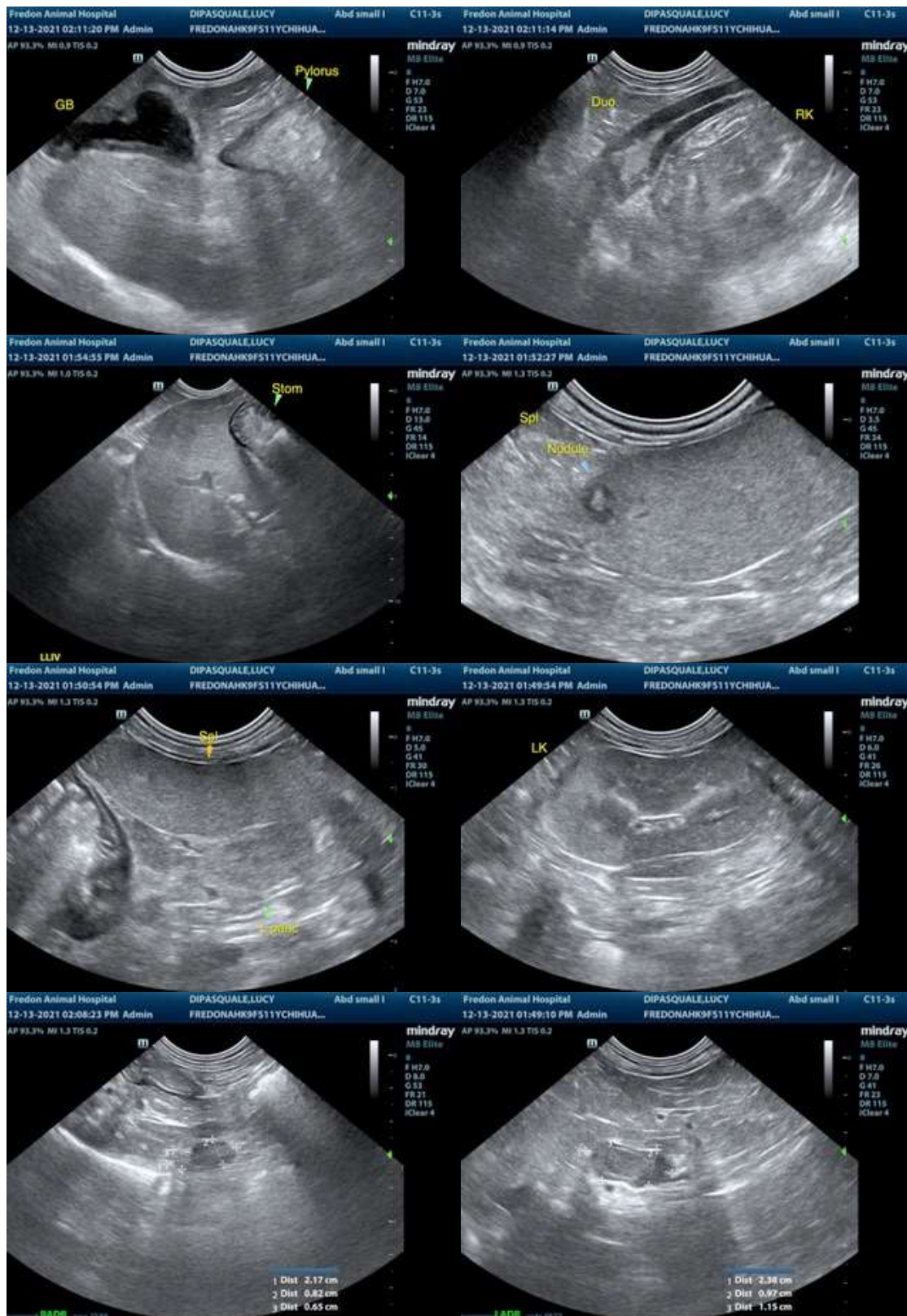
Dr. Michelle Roche

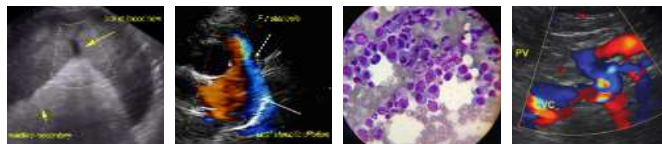
INVOICE

48972

DATE

12-13-21





PATIENT

Lucy DiPasquale

The information and recommendations provided are based on the images presented by the referring veterinarian. 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

Chihuahua

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

SEX

FS

AGE

11 Years

WEIGHT

15 lbs

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Tech

HOSPITAL NAME

Fredon Animal
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DATE

12-13-21