



PATIENT	PRESENTING CLINICAL SIGNS
Pippi Souders	Patient has a hx of chronic renal disease. Recently has not had a decreased appetite, and is being syringe fed. Chronic UTIs, has PLN. Is currently on ursodiol, telmisartan, and cerenia. Patient has been shaking more often. Patient had an ultrasound prior on 3/27/25.
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: elevations in white blood cells, a decrease in red blood cells, and increased kidney values, awaiting urine culture results,
BREED	
Chihuahua	
SEX	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
FS	Urinary System
AGE	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no evidence of urine or lumen sediment, mineral, or calculi. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.
16 yrs	
WEIGHT	No evidence of pathology in the area of the aortic trifurcation.
4.0 lbs.	Normal renal size with asymmetrical margination was present in both kidneys. Mild thickened hyperechoic cortex was present with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild loss of corticomedullary distinction was also present. The renal medullary volume was subjectively reduced. Areas of mild medullary mineral were noted. Pyelectasia was present. The left kidney measured 2.4 cm in length. The right kidney measured 2.3 cm in length.
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was not definitively visualized. The right adrenal gland was indistinctly visualized with no obvious pathology. The right adrenal gland subjectively measured 0.45 cm width at the caudal pole.
IMAGING PERFORMED BY	Spleen
Dr. Megan Bray	The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. 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. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.
HOSPITAL NAME	Liver/ Gallbladder
Taylorsville VC	The liver was subjectively normal in size, structure, and contour. Subjective adequate hepatic vascular volume was present. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size containing primarily anechoic content with mild
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INVOICE	
10525	
DATE	
1/8/26	



PATIENT	to focal hyperechoic possible emerging mineralized, nonorganized gallbladder debris. The common bile duct was not definitively visualized.
Pippi Souders	
SPECIES	<i>Gastrointestinal</i>
Canine	The stomach presented intact mildly thickened wall exhibiting mild increased mural echogenicity and an empty lumen. The stomach wall width measured 0.53 cm.
BREED	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.
Chihuahua	Normal visible colon wall layers were present with apparent formed feces in lumen.
SEX	<i>Pancreas</i>
FS	The area of the pancreas was sonographically normal.
AGE	<i>Free Abdomen</i>
16 yrs	No overt lymphadenopathy or peritoneal effusion was present.
WEIGHT	ULTRASONOGRAPHIC FINDINGS
4.0 lbs.	<i>Primary Findings</i>
INTERPRETED BY	<ul style="list-style-type: none">• Bilateral chronic nephropathy exhibiting mild pyelectasia• Mild thickened empty stomach, sonographically unremarkable empty small intestine• Normal area of pancreas
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<i>Secondary Findings</i>
IMAGING PERFORMED BY	<ul style="list-style-type: none">• Mild emerging mineralized gallbladder debris / small choleliths
Dr. Megan Bray	
HOSPITAL NAME	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
Taylorsville VC	The thickened stomach is suggestive of gastritis criteria without overt suspicion of neoplasia and without evidence of a mechanical gastrointestinal obstructive pattern. A spec cPL could be considered to assess for low-grade or chronic pancreatitis, which may present as sonographically normal. Gastrointestinal and renal support including empirical therapy for gastritis is recommended. Correlation with pending urinary workup including C/S +/- recheck UPC level if non-inflammatory proteinuria, is recommended.
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PATIENT

Pippi Souders

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

16 yrs

WEIGHT

4.0 lbs.

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R. McKenzie Daniel,
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(Canine and Feline)

IMAGING PERFORMED BY

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HOSPITAL NAME

Taylorville VC

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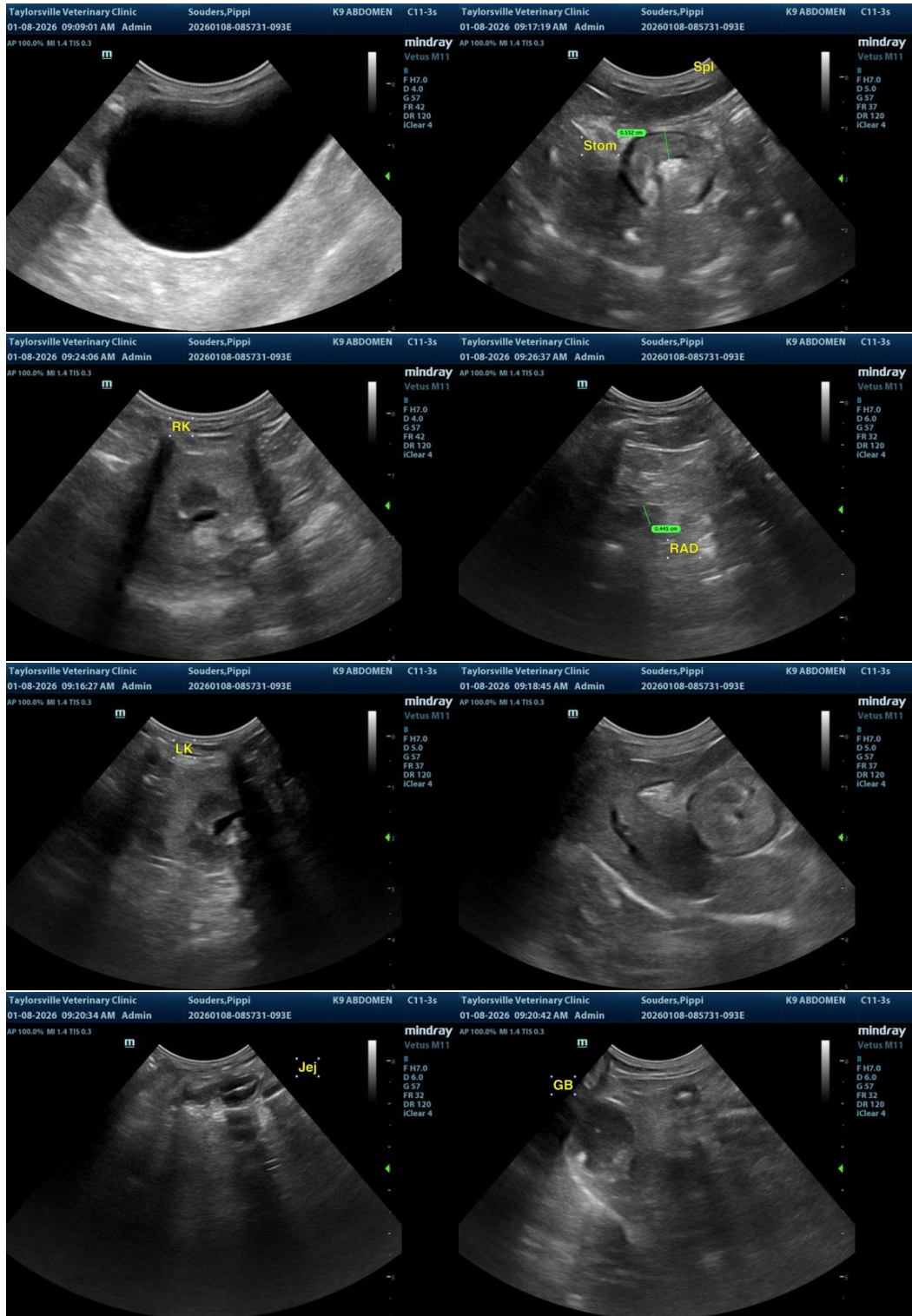
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PATIENT

Pippi Souders

SPECIES

Canine

BREED

Chihuahua

SEX

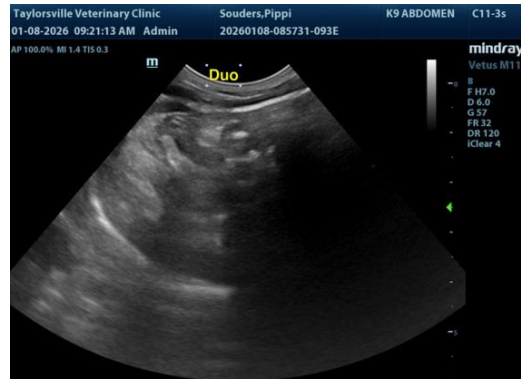
FS

AGE

16 yrs

WEIGHT

4.0 lbs.



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.

INTERPRETED BY

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

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

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