



PATIENT	PRESENTING CLINICAL SIGNS
Harlee Hillenmayer	History: Anorexia AXR showed cholecystolith, CXR irregular pattern/consolidation Current meds: entyce
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	The urinary bladder , trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.
Mix	
SEX	The kidneys revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 5.72 cm.
Spayed Female	
AGE	Adrenal Glands
15 Years	Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.24 cm x 0.87 cm at the cranial pole and 0.75 cm at the caudal pole. The right adrenal gland measured 1.83 cm x 0.68 cm at the cranial pole and 0.45 cm at the caudal pole.
WEIGHT	
30.2 Pounds	
INTERPRETED BY	Spleen
Eric Lindquist, DMV DABVP, Cert. IVUSS	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.
IMAGING PERFORMED BY	Liver
Val Shumskaya	The liver images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The hepatic lymph nodes were unremarkable. A small gallbladder calculus (approximately 2.0 mm) was noted in this patient without overt evidence of obstruction.
HOSPITAL NAME	
Hillsdale AH	
REFERRING VET	Gastrointestinal
Dr. Fischer	The stomach and was unremarkable. Minor hyperperistalsis and mucosal fogging were noted in the small intestine. The colon was empty yet mildly thickened in this patient. Reactive mesentery was noted around the intestinal tract.
INVOICE	Pancreas
22208	The base and limbs of the pancreas were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was
DATE	
4/28/23	



PATIENT

Harlee Hillenmayer

observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Low grade enterocolitis pattern with minor reactive mesentery
- Small gallbladder calculus, not pathological
- Age-related hepatic and pancreatic changes

BREED

Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assessment for GI signs, fecal test and potential diet change may all be indicated.

SEX

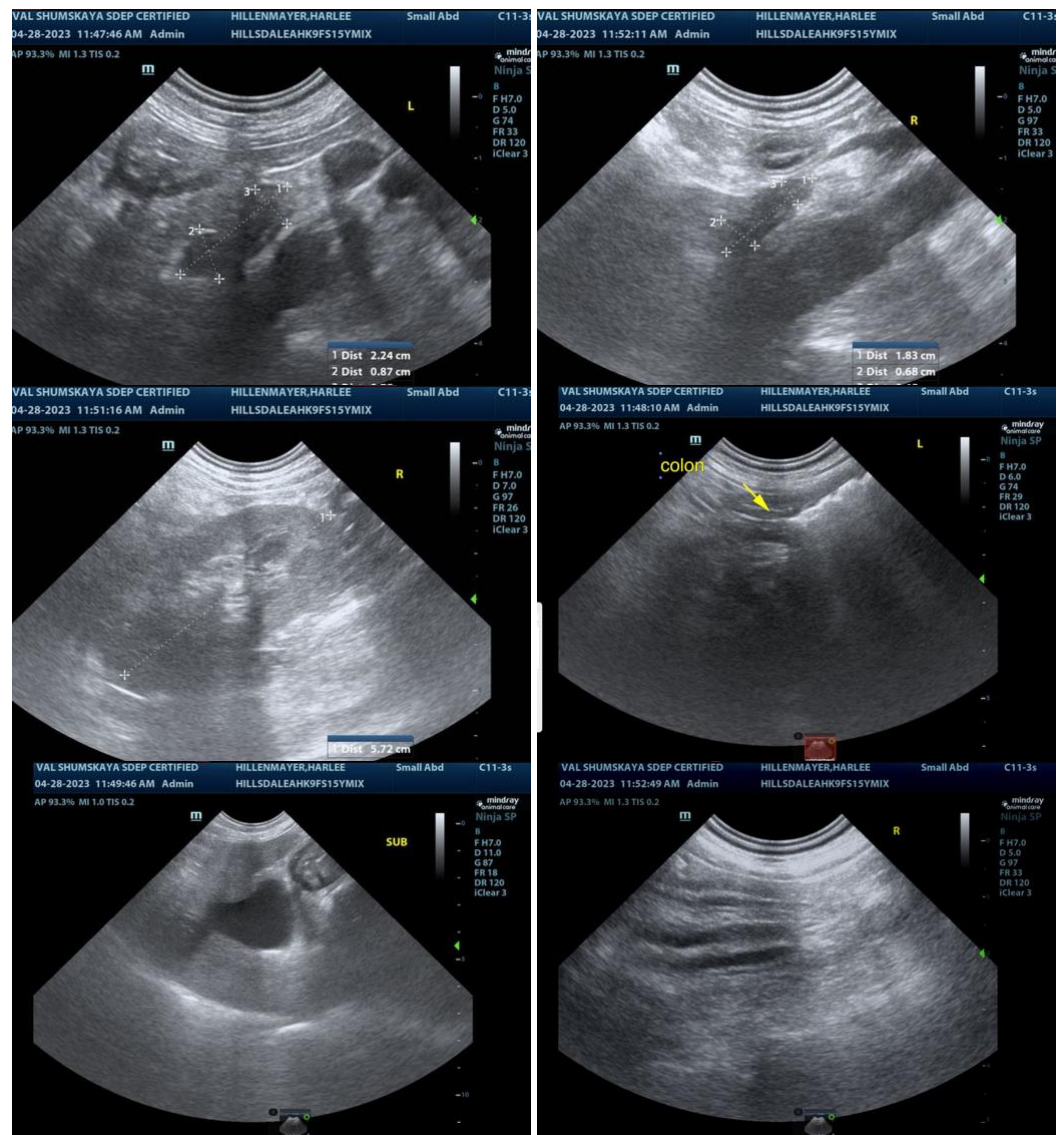
Spayed Female

AGE

15 Years

WEIGHT

30.2 Pounds



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Val Shumskaya

HOSPITAL NAME

Hillsdale AH

REFERRING VET

Dr. Fischer

INVOICE

22208

DATE

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PATIENT

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SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

15 Years

WEIGHT

30.2 Pounds

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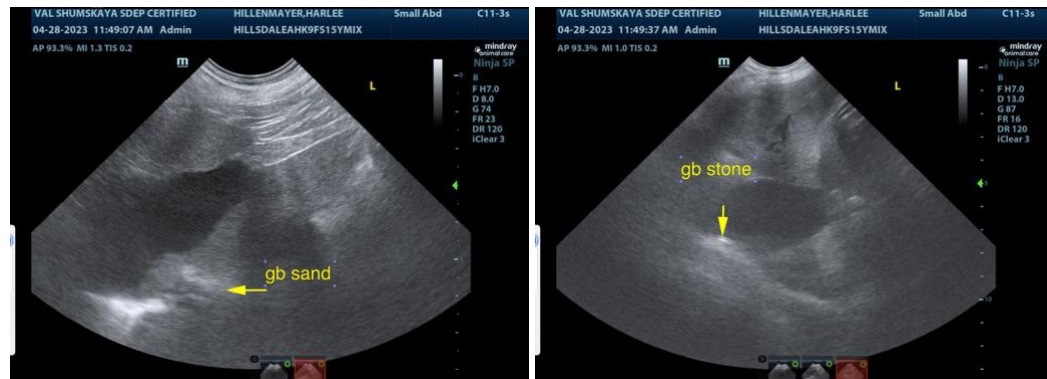
Dr. Fischer

INVOICE

22208

DATE

4/28/23



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.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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