



PATIENT

Pepper FJAH

PRESENTING CLINICAL SIGNS

T 99.6, HR 210, RR 50, BCS 5/9, PS 0/4, FAS yellow/nervous
Grade I/VI murmur.

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

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 was noted. Ureteral papillae were normal.

BREED

Domestic Shorthair

SEX

Spayed female

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. A small, non-obstructive nephrolith was noted in the left kidney.

AGE

10 years

WEIGHT

11 lbs

Adrenal Glands

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.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

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 was noted.

HOSPITAL NAME

SDEP Lab

INVOICE

42385

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

DATE

1/27/23

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



PATIENT	demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.
Pepper FJAH	
SPECIES	<i>Pancreas</i>
Feline	Inflamed omental fat was noted in the region of the pancreas .
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE HEART
Domestic Shorthair	The left atrium in this patient was borderline increased in thickness. The cranial and caudal mitral valve leaflets presented normal linear structure, extension in systole, and union in diastole with normal kinesis. The left ventricle wall is borderline increased in thickness. The myocardium presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. Contractility of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural integrity. The right atrial wall is thickened in this patient. Tricuspid valvular assessment demonstrated adequate linear morphology and kinesis. The right ventricle wall was thickened in this patient. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and diameter (approx.1:1 pa/ao ratio). No visible pericardial or free pleura fluid was noted. The cranial mediastinum and pericardial and extra-cardiac regions were free of masses in the visible window.
SEX	ULTRASONOGRAPHIC FINDINGS
Spayed female	Non-obstructive nephrolith in the left kidney.
AGE	Inflamed omentum in the region of the pancreas.
10 years	Thickened walls were noted in the heart.
WEIGHT	
11 lbs	
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
Eric Lindquist, DMV DABVP, Cert. IVUSS	A recheck of the echocardiogram is recommended in a year.
HOSPITAL NAME	
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INVOICE	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.
42385	
DATE	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.
1/27/23	

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