

PATIENT PRESENTING CLINICAL SIGNS

Dewey Roy History: Chronic hematuria; stranguria Radiographs showed no bladder or renal calculi
 Abnormal PE/Chem/CBC/UA Results: UA: 3+ blood; RBCs, rest of sediment negative

SPECIES

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Domestic Shorthair

The **urinary bladder** in this patient presented apical dorsal polypoid changes, appear to be deriving primarily from the mucosa. The apical dorsal wall thickness measured approximately 2.5 cm x 1.0 cm at maximum width. Muscularis and serosa appear to be intact. The submucosa is nebulous. The cystourethral junction and urethra also presented thickening with areas of mineralization and polypoid changes. Variable caudal bladder polyps noted.

SEX

Neutered Male

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 left kidney measured 4.14 cm. The right kidney measured 4.22 cm.

AGE

13 Years

Adrenal Glands

WEIGHT

14.6 Pounds

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 0.43 cm. The right adrenal gland measured 0.52 cm.

INTERPRETED BY

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

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 were noted.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Liver

HOSPITAL NAME

VCA Palmer AH

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.

REFERRING VET

Dr. Michelle Haroules

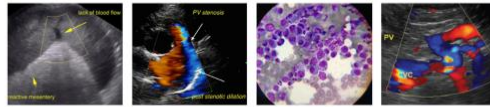
Gastrointestinal

INVOICE

13698

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

DATE



PATIENT

Dewey Roy

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

SPECIES

Feline

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor parenchymal remodeling, however, with mild deviation from curvilinear normalcy was 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. Slight duct dilation noted, 0.2 cm.

BREED

Domestic Shorthair

ULTRASONOGRAPHIC FINDINGS

SEX

Neutered Male

- Undefined polypoid urethral, cystourethral junction and bladder wall changes- strong concern for carcinoma, pronounced polypoid hyperplasia possible- sampling is essential
- Age-related abdominal changes otherwise

AGE

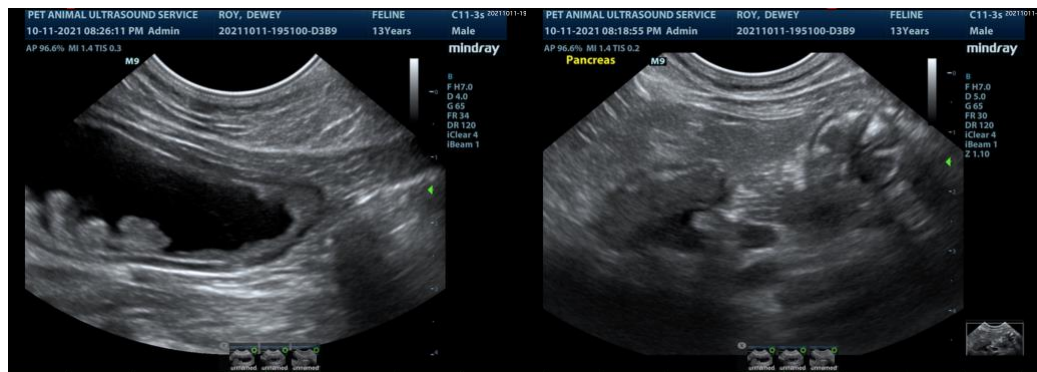
13 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Traumatic catheterization recommended. No evidence of metastatic disease.

WEIGHT

14.6 Pounds

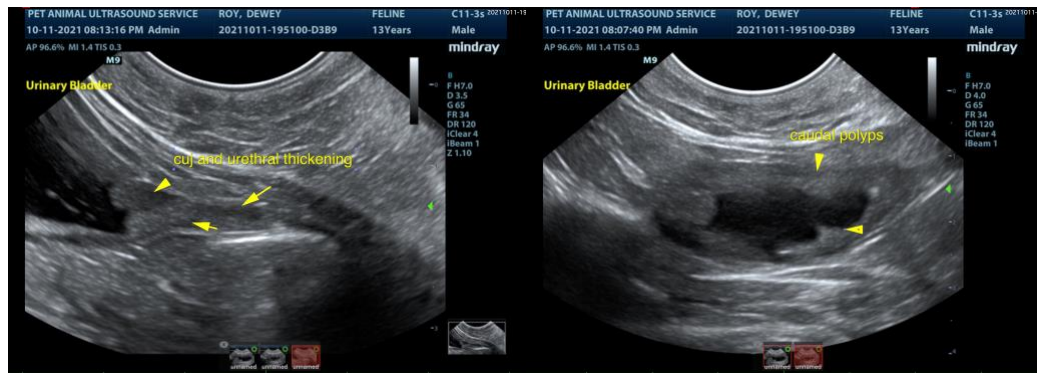


INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS



HOSPITAL NAME

VCA Palmer AH

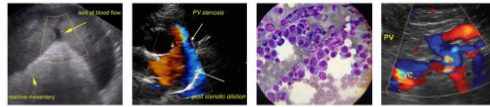
REFERRING VET

Dr. Michelle Haroules

INVOICE

13698

DATE



PATIENT

Dewey Roy

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered Male

AGE

13 Years

WEIGHT

14.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

VCA Palmer AH

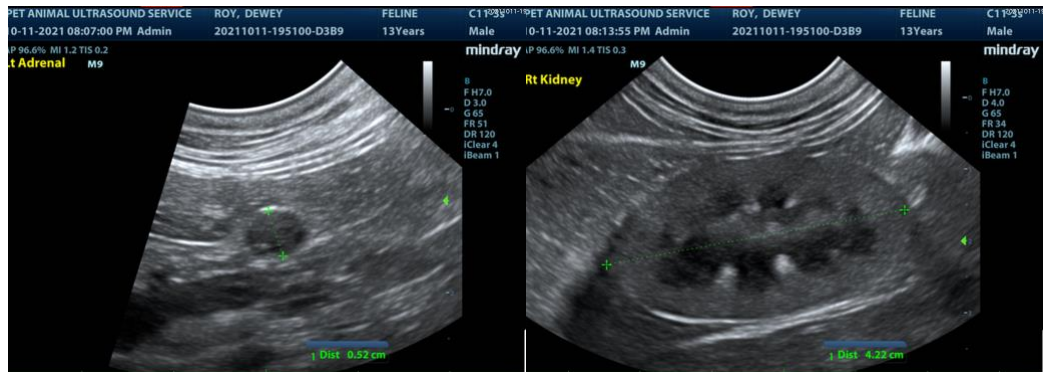
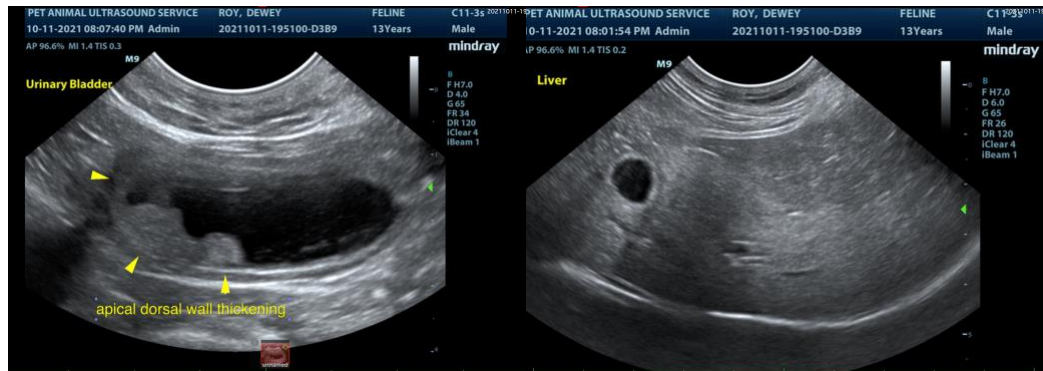
REFERRING VET

Dr. Michelle Haroules

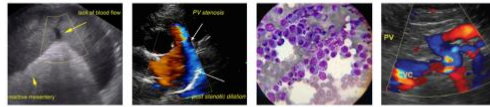
INVOICE

13698

DATE



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



PATIENT

Dewey Roy

referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Feline

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

BREED

Domestic Shorthair

Info@SonoPath.com

SEX

Neutered Male

AGE

13 Years

WEIGHT

14.6 Pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDMS

HOSPITAL NAME

VCA Palmer AH

REFERRING VET

Dr. Michelle Haroules

INVOICE

13698

DATE