



PATIENT

Bruce Spencer

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

18 Years 5 Months

WEIGHT

6.2 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Jill Rankin

HOSPITAL NAME

Animal Clinic
Downtown

REFERRING VET

Dr. Joe Waldman

INVOICE

12188

DATE

11/10/25

PRESENTING CLINICAL SIGNS

This patient is a diabetic with a history of hematuria and periodic inappetence, currently being managed with oral steroids. The patient has a diagnosis of diabetes mellitus. The pet has presented with hematuria. Diagnostic investigation included abdominal x-rays, which did not reveal any bladder stones. Additionally, there is a history of periodic inappetence. The patient is currently receiving treatment with an oral steroid, budesonide.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone was normal in size and tone. A dorsal wall mass was visualized extending mildly into the urinary bladder lumen exhibiting asymmetrical contour with concurrent thickened dorsal wall extending to the level of the trigone and cystourethral junction. The urinary bladder mass measured 2.4 cm x 1.1 cm. Thickened adjacent urinary bladder wall measured 0.39 cm wall width. No evidence of mineral or calculi. The urethra was normal in structure and tone to a depth of 2.0 cm.

The area of the aortic trifurcation was free of pathology.

Normal renal size with asymmetrical margination was present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Loss of indistinct corticomedullary border demarcation was also present. The renal medullary volume was subjectively reduced. Mild pyelectasia was visualized within both kidneys. The left kidney measured 4.6 cm in length. The right kidney measured 3.5 cm in length.

Adrenal Glands

The adrenal glands were overtly normal in size, position and shape. The left adrenal gland measured 0.33 cm width. The right adrenal gland measured 0.26 cm width.

Spleen

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.

Liver

The liver presented subjective normal in size. Primarily homogenous to mild increased hepatic parenchyma echogenicity. The capsule of the liver was symmetrical in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. Intermittent discrete hypoechoic nondisruptive liver nodules were present with an example measuring 0.50 cm in diameter.

The gallbladder was non-distended in size with normal walls. A mild amount of congealed hyperechoic gallbladder debris exhibiting possible emerging focal mineralization in the caudal lumen. No evidence of obstruction to bile outflow. No evidence of inflammation or edema. The cystic and common bile ducts were normal.

Gastrointestinal



PATIENT

Bruce Spencer

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

18 Years 5 Months

WEIGHT

6.2 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Jill Rankin

HOSPITAL NAME

Animal Clinic
Downtown

REFERRING VET

Dr. Joe Waldman

INVOICE

12188

DATE

11/10/25

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The small intestine presented intact mildly thickened wall exhibiting mild altered wall layer ratio owing to propensity for mildly thickened muscularis layer. The duodenum wall measured 0.29 cm width. The jejunum wall measured 0.28 cm width. The ileocolic wall measured 0.40 cm width.

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

The pancreas exhibited prominent size, asymmetrical contour and nonhomogenous nodular parenchyma.

Free Abdomen

No visualized significant omental lymphadenopathy was present.

ULTRASONOGRAPHIC FINDINGS

- Mild hyperechoic liver with discrete intraparenchymal nodules- suspect chronic diabetic hepatopathy, potential for concurrent inflammation, lipidosis, hyperplasia or hematopoiesis. Emerging hepatic neoplasia thought less likely.
- Mild nonobstructive congealed emerging mineralized gallbladder debris.
- Chronic enteropathy pattern- suggestive of chronic IBD or other inflammatory enteropathy in conjunction with patient's history, emerging to low-grade intestinal round cell neoplasia i.e. lymphoma thought less likely.
- Probable concurrent remodeled chronic pancreatitis- pancreatic neoplasia thought less likely.
- Dorsal urinary bladder mass- consistent with neoplastic criteria i.e. transitional cell carcinoma.
- Chronic renal changes exhibiting mild pyelectasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cytospin cytology of free catch urine sample to assess for atypical or neoplastic transitional cells is recommended. Correlation ideally with urine culture/sensitivity is indicated. A spec cPL or full GI panel to include PLI, TLI, cobalamin and folate to correlate with pancreas and chronic enteropathy pattern may be considered. An internal medicine and oncology consult may be considered.

Internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>



PATIENT

Bruce Spencer

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

18 Years 5 Months

WEIGHT

6.2 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Jill Rankin

HOSPITAL NAME

Animal Clinic
Downtown

REFERRING VET

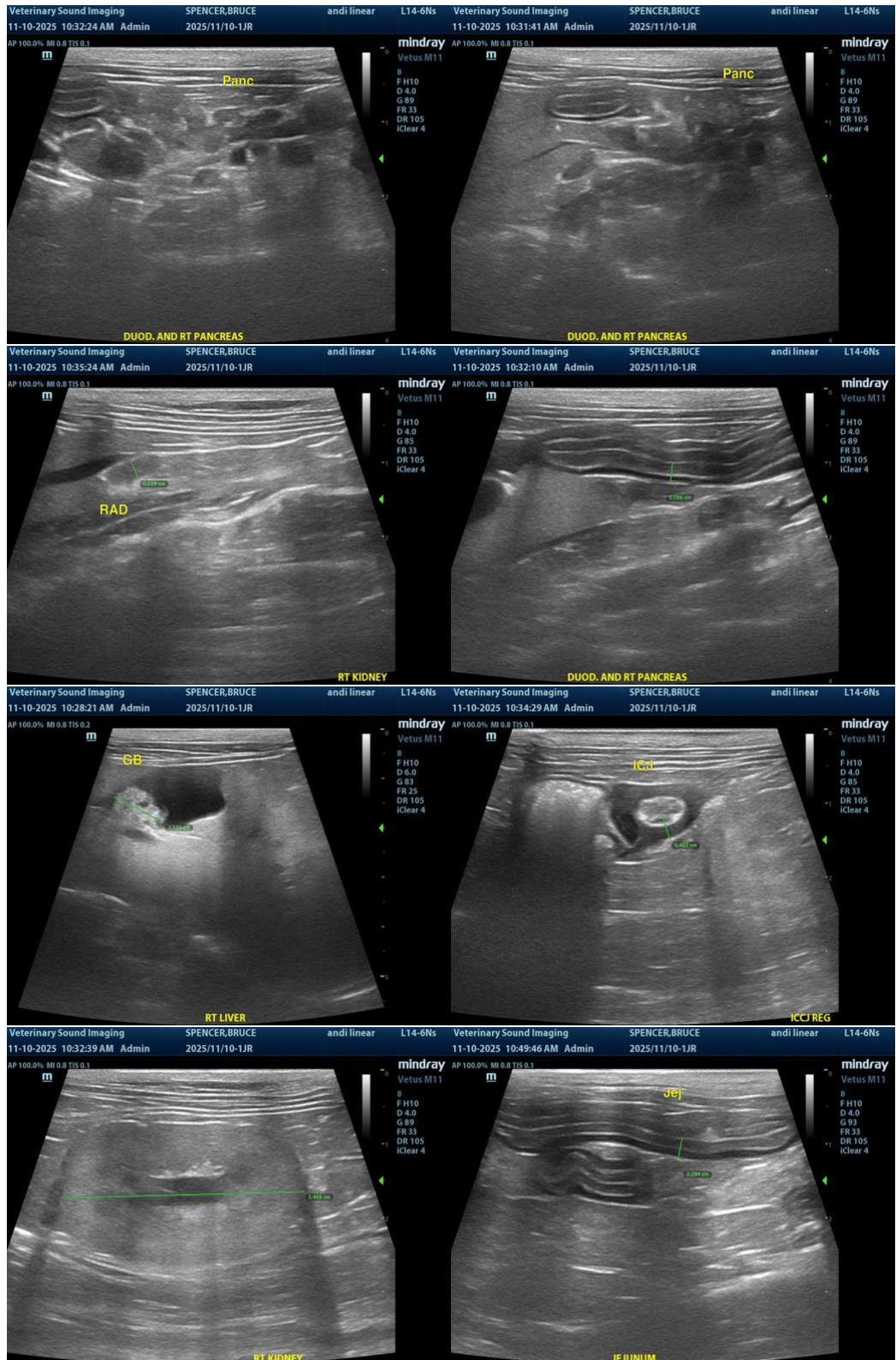
Dr. Joe Waldman

INVOICE

12188

DATE

11/10/25





PATIENT

Bruce Spencer

SPECIES

Feline

BREED

DMH

SEX

Neutered Male

AGE

18 Years 5 Months

WEIGHT

6.2 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP

IMAGING PERFORMED BY

Dr. Jill Rankin

HOSPITAL NAME

Animal Clinic
Downtown

REFERRING VET

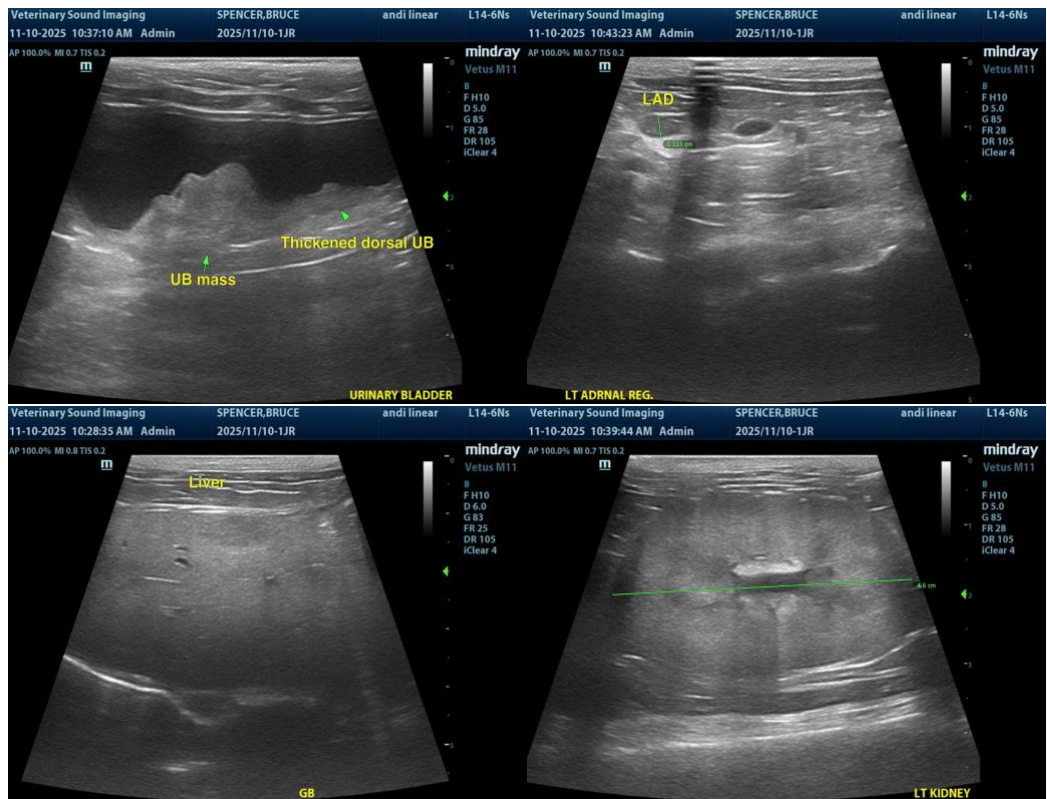
Dr. Joe Waldman

INVOICE

12188

DATE

11/10/25



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.

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

info@SonoPath.com