



PATIENT

Daffodil Hernandez

PRESENTING CLINICAL SIGNS

Longterm diabetic, longterm Cushing's patient. Chronic hematuria. Current meds: insulin, veteryl, baytril

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: ALP 534 UA: glucosuria 2+, C+S of urine pending SG: 1.028

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Lab

Urinary System

The urinary bladder was moderately distended with normal tone. Variably thickened bladder wall was present, most notable in the cranial bladder. Gas reverberation artefact was present in the ventral bladder. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 4 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild particulate sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

FS

AGE

11yr

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 8.3 cm in length. The right kidney measured 7.5 cm in length.

WEIGHT

72lb

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The bilateral adrenal glands were mildly enlarged in size with mild irregular contour and mild non-homogenous parenchyma. Adrenomegaly is more prominent in the right adrenal gland without evidence of mineralization. The left adrenal gland measured 0.97 cm width at the caudal pole and 3.4 cm length. The right adrenal gland measured 1.3 cm width at the caudal pole and 3.3 cm length.

INTERPRETED BY

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

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.

IMAGING PERFORMED BY

Jessica Miller, RDMS

Liver/Gallbladder

The liver exhibited generalized enlargement and symmetrical contour with mild non-homogenous parenchyma. Mild to moderate coarse echotexture was present. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and moderate non-organized sludge. The cystic and common bile ducts were normal.

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

Dr. Gallgher

INVOICE

14569ag

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained moderate non-shadowing ingesta with no signs of ileus, obstruction or foreign material.

DATE

08/11/2023



PATIENT	The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine contained similar appearing non-shadowing ingesta with no signs of ileus, obstruction or foreign material.
Daffodil Hernandez	
SPECIES	Normal visible colon wall layers were present with apparent formed feces in lumen.
Canine	Pancreas
BREED	The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.
Lab	Free Abdomen
SEX	No omental masses, overt lymphadenopathy or peritoneal effusion was present.
FS	
AGE	ULTRASONOGRAPHIC FINDINGS
11yr	<ul style="list-style-type: none"> • Emphysematous cystitis. • Mild chronic renal changes. • Bilateral mild to moderate adrenomegaly, more prominent in the right adrenal. • Diabetic/vacuolar hepatopathy pattern-subjectively benign. • Moderate gall bladder sediment-non consistent with mucocele. •
WEIGHT	Secondary
72lb	<ul style="list-style-type: none"> • GI ingesta.
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Correlation with pending urine C/S recommended. Antibiotic therapy based on C/S results with sonographic monitoring of the urinary bladder for evidence of resolution of cystitis is recommended.
IMAGING PERFORMED BY	The bilateral adrenal gland presentation is suggestive of pituitary dependent hyperadrenocorticism although the possibility of emerging neoplastic criteria cannot be definitively excluded. A screening BP is advised to assess for evidence of hypertension which may allude to emerging adrenal neoplastic criteria i.e., pheochromocytoma.
Jessica Miller, RDMS	Concurrent monitoring of the adrenal glands for evidence of progressive enlargement or parenchymal changes would be ideal.
HOSPITAL NAME	Hepatosupportive medications such as Denamarin and Ursodiol may prove beneficial.
All Creatures Great and Small	For an additional charge, internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at http://spa.sonopath.com/ .
REFERRING VET	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
Dr. Gallgher	
INVOICE	
14569ag	
DATE	
08/11/2023	



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

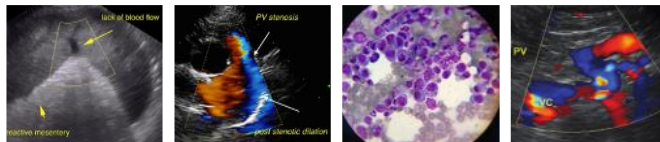
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

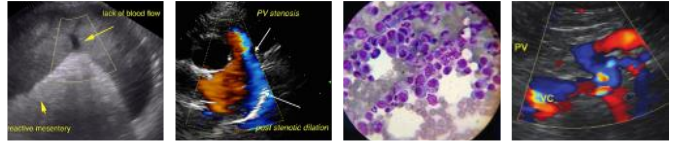
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

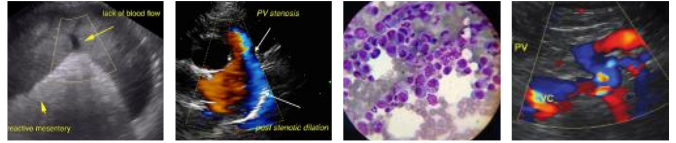
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT
Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

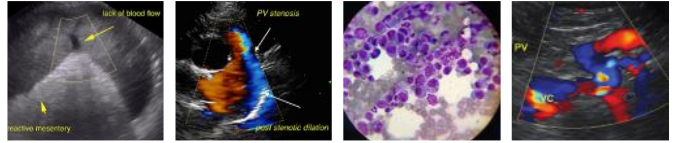
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT
Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

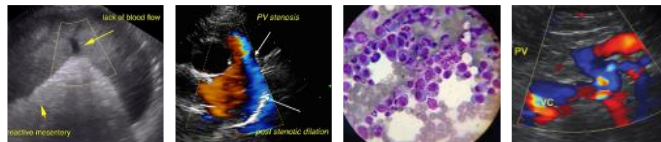
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

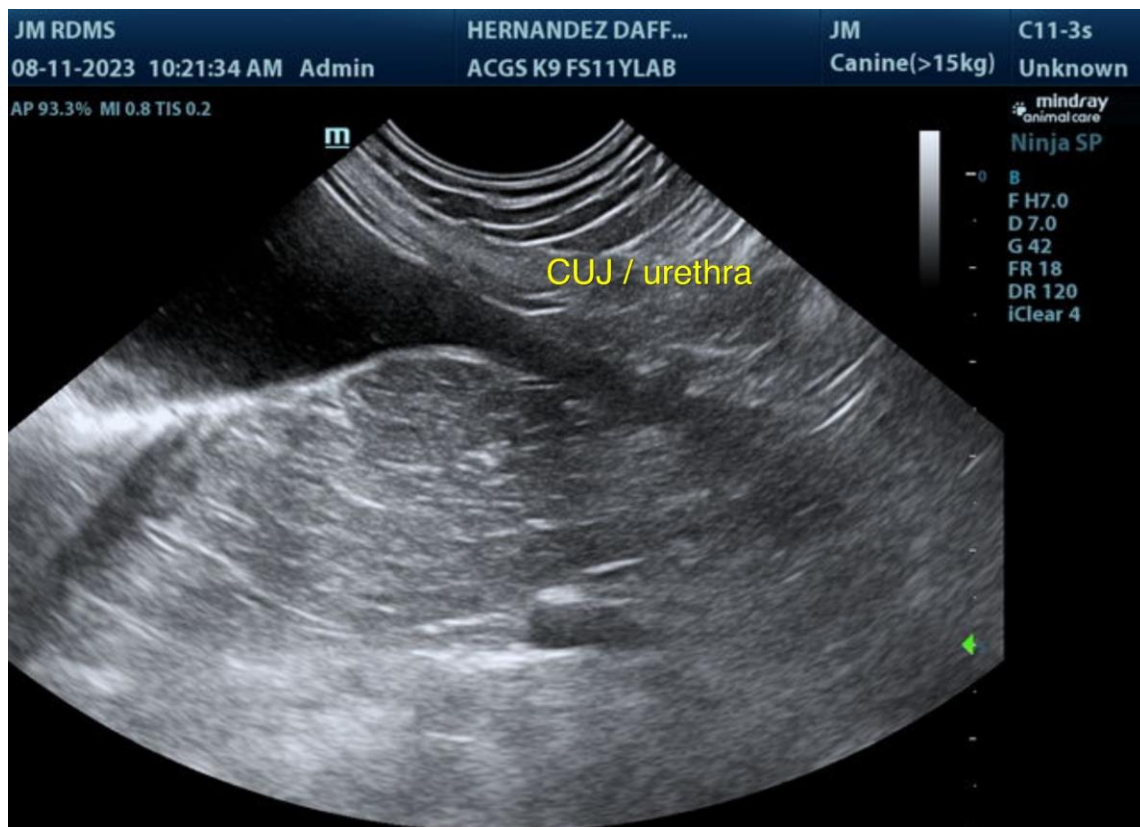
FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

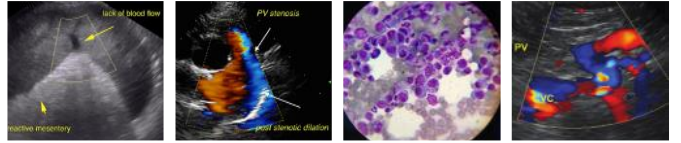
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

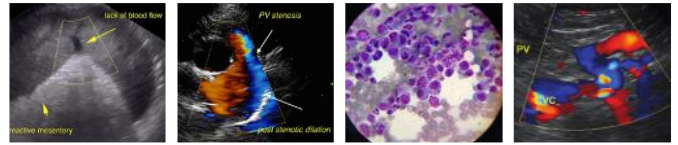
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

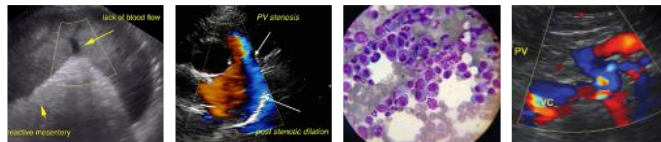
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

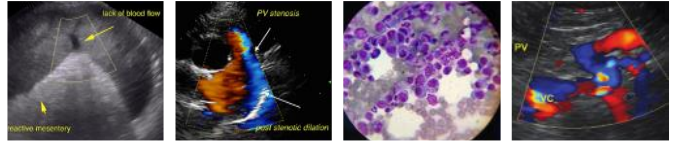
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT
Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

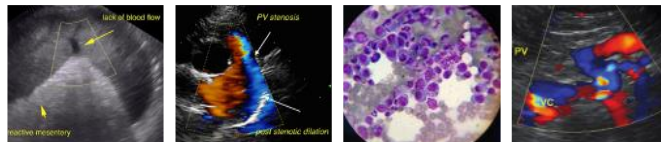
Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023



PATIENT

Daffodil Hernandez

SPECIES

Canine

BREED

Lab

SEX

FS

AGE

11yr

WEIGHT

72lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

All Creatures Great
and Small

REFERRING VET

Dr. Gallgher

INVOICE

14569ag

DATE

08/11/2023

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