

## PATIENT

Loosey Cosgrove

## PRESENTING CLINICAL SIGNS

## SPECIES

Canine

Current medications: Zycortal 25mg/ml: 0.5cc sq once monthly Meloxicam 5mg/ml: 0.39cc po sid 0.4mg L-thyroxine 1 tab bid Prednisolone 5mg 1 tab sid Re-check ultrasound, in search of adrenal tumors.

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

## BREED

Boxer Mix

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or 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

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. Mild loss of corticomedullary distinction was also present. Non obstructive caudal right kidney medullary mineral was present. The renal medullary volume was subjectively reduced. The left kidney measured 5.1 cm in length. The right kidney measured 5.9 cm in length.

## AGE

12yr

## WEIGHT

18.8kg

The area of the aortic trifurcation was free of pathology.

### Adrenal Glands

The left adrenal gland was subnormal in size. The left adrenal gland measured 0.2 cm width.

## INTERPRETED BY

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

Previously noted ill-defined mineralized right adrenal mass was present. The right adrenal borders were difficult to distinguish from surrounding tissue. Diffuse parenchymal mineralization was present. The right adrenal gland measured 0.45 cm width at the caudal pole and 1.0 cm width at the cranial pole.

## IMAGING BY

Loetitia Saint-Jacques,  
LVT

A soft tissue non-mineralized echo was present in the peri-adrenal caudal vena cava.

### Spleen

## HOSPITAL NAME

Roundhill Animal  
Hospital

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.

## REFERRING VET

Dr. Kelly

### Liver

The liver exhibited subjective mild to moderate enlargement with uniform parenchyma and a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of

## INVOICE

11804ag

## DATE

10/04/2022



Portable Animal Western Sonography, Inc.

IMAGING PERFORMED BY  
pawsonography@gmail.com 530-786-8340

## PATIENT

Loosey Cosgrove congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and minor echogenic non-organized debris. The cystic and common bile ducts were normal.

## SPECIES

Canine

### *Gastrointestinal*

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.

## BREED

Boxer Mix

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

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

## SEX

FS

### *Pancreas*

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.

## AGE

12yr

### *Free Abdomen*

No overt lymphadenopathy or peritoneal effusion was present.

## WEIGHT

18.8kg

## ULTRASONOGRAPHIC FINDINGS

- Ill defined previously noted mineralized right adrenal mass with suspect caudal vena cava invasion
- Subnormal left adrenal gland
- Bilateral chronic renal changes with non-obstructive right kidney medullary mineral

## INTERPRETED BY

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

### *Secondary*

Pinpoint splenic hyperechoic foci-benign

## IMAGING BY

Loetitia Saint-Jacques,  
LVT

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Potential for thrombus formation associated with the peri-adrenal caudal vena is possible yet highly suspect early vascular invasion. Screening BP recommended to assess for evidence of hypertension. Abdominal CT is likely ideal for further assessment of the right adrenal mass if possible. No overt evidence of regional i.e. hepatic/right kidney metastatic disease was observed.

## HOSPITAL NAME

Roundhill Animal  
Hospital

## REFERRING VET

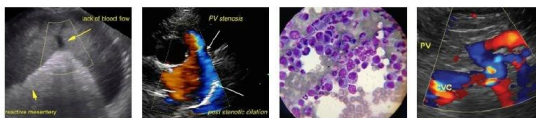
Dr. Kelly

## INVOICE

11804ag

## DATE

10/04/2022



**PATIENT**

Loosey Cosgrove

**SPECIES**

Canine

**BREED**

Boxer Mix

**SEX**

FS

**AGE**

12yr

**WEIGHT**

18.8kg

**INTERPRETED BY**

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

**IMAGING BY**

Loetitia Saint-Jacques,  
LVT

**HOSPITAL NAME**

Roundhill Animal  
Hospital

**REFERRING VET**

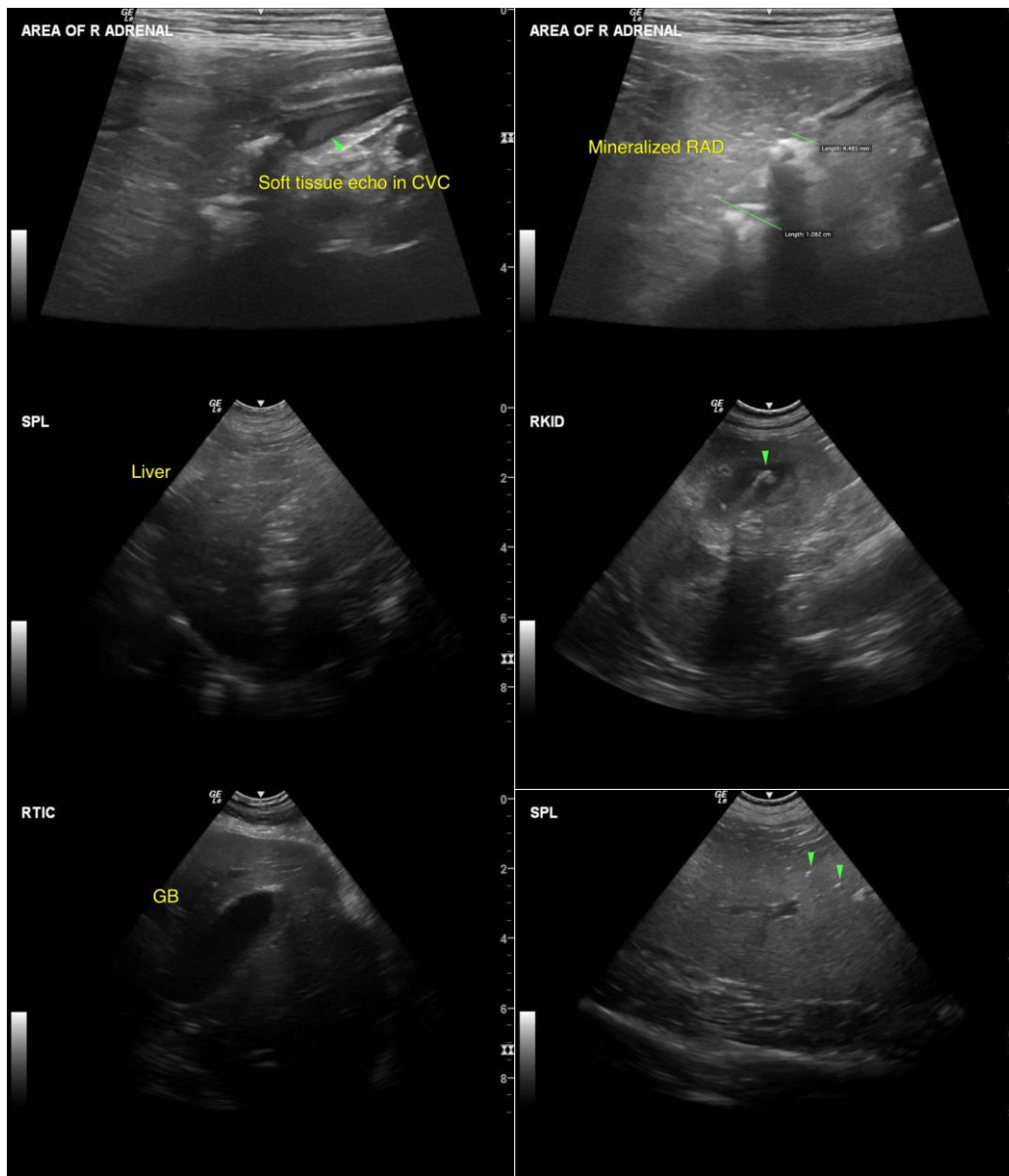
Dr. Kelly

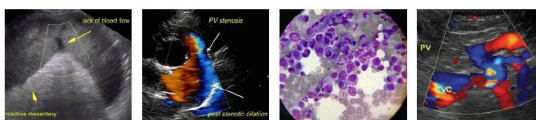
**INVOICE**

11804ag

**DATE**

10/04/2022





**PATIENT**

Loosey Cosgrove

**SPECIES**

Canine

**BREED**

Boxer Mix

**SEX**

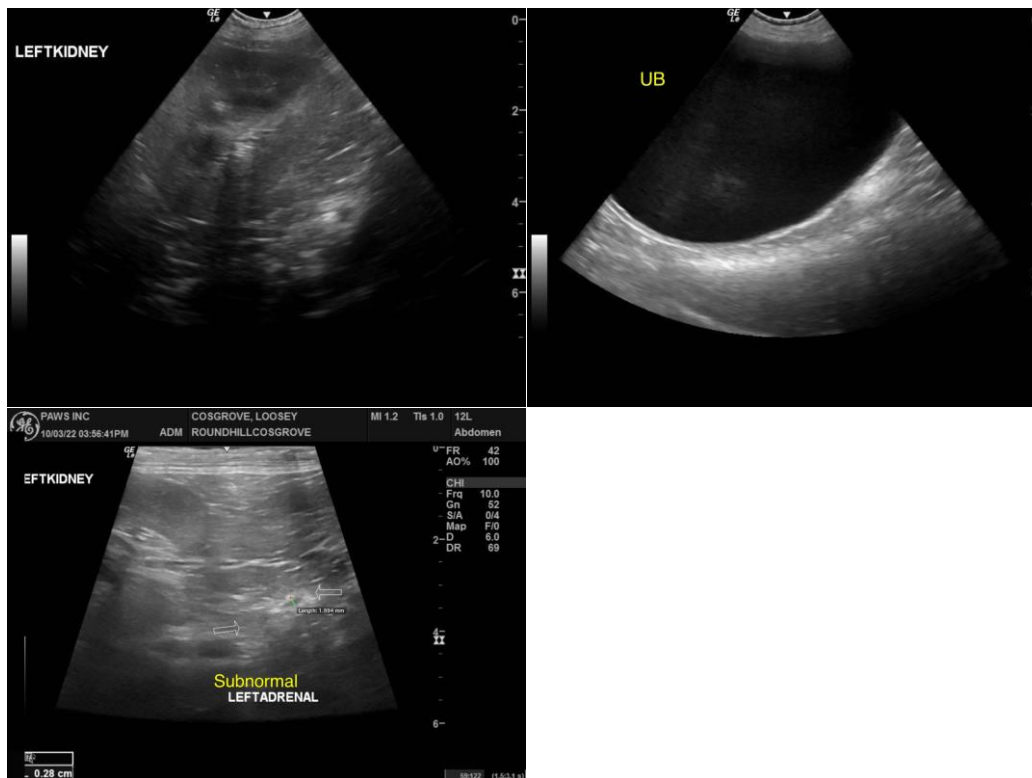
FS

**AGE**

12yr

**WEIGHT**

18.8kg



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.

**INTERPRETED BY**

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

**IMAGING BY**

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)  
info@SonoPath.com

Loetitia Saint-Jacques,  
LVT

**HOSPITAL NAME**

Roundhill Animal  
Hospital

**REFERRING VET**

Dr. Kelly

**INVOICE**

11804ag

**DATE**

10/04/2022