



## PATIENT

Ollie Risling

## SPECIES

Canine

## BREED

Chihuahua Mix

## SEX

Neutered Male

## AGE

3

## WEIGHT

5 kg

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP

## IMAGING PERFORMED BY

Dr. Belan

## HOSPITAL NAME

Bridgeland

## REFERRING VET

Dr. Flath

## INVOICE

12782

## DATE

12/19/25

## PRESENTING CLINICAL SIGNS

Ongoing diarrhea and inappropriate urinations with some hematuria

Abnormal PE/Chem/CBC/UA Results: Blood work and UA non diagnostic

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 cm 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 change were noted.

The area of the residual prostate appeared normal and free of pathology measuring 0.88 cm in diameter.

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 3.7 cm in length. The right kidney measured 3.6 cm in length.

### Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.47 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.39 cm width at the caudal pole.

### Spleen

The spleen was mildly enlarged and 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 was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with mild dependent to nondependent nonorganized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

### 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.



**PATIENT**

Ollie Risling

**SPECIES**

Canine

**BREED**

Chihuahua Mix

**SEX**

Neutered Male

**AGE**

3

**WEIGHT**

5 kg

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP

**IMAGING PERFORMED BY**

Dr. Belan

**HOSPITAL NAME**

Bridgeland

**REFERRING VET**

Dr. Flath

**INVOICE**

12782

**DATE**

12/19/25

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. The duodenum wall measured 0.37 cm width. The jejunum wall measured 0.27 cm width. No evidence of pathology at the level of the ileocolic junction.

Normal visible colon wall layers were present. Primarily empty lumen with minor soft fecal matter.

**Pancreas**

The area of the pancreas was sonographically normal.

**Free Abdomen**

No overt lymphadenopathy or peritoneal effusion was present.

**ULTRASONOGRAPHIC FINDINGS**

- Normal gastrointestinal tract/colon with minor soft fecal matter.
- Normal area of pancreas.
- Sonographically normal urinary bladder, residual prostate and visible proximal urethra.
- Normal bilateral kidneys.
- Mild nonorganized gallbladder debris (non-mucocele).
- Subjective mild splenomegaly- likely secondary to sedation.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No evidence of visceral pathology as an obvious cause of the patient's gastrointestinal and urinary signs. A GI panel to include PLI, TLI, cobalamin and folate is recommended. Dietary trial, high colony count probiotics such as Provable, cobalamin supplementation pending assessment of cobalamin level and empirical deworming despite fecal testing may prove beneficial. Although considered less likely, screening cortisol level to rule out occult Addison's disease is suggested. Urine culture/sensitivity on sterile urine sample is suggested if clinically indicated.





**PATIENT**

Ollie Risling

**SPECIES**

Canine

**BREED**

Chihuahua Mix

**SEX**

Neutered Male

**AGE**

3

**WEIGHT**

5 kg

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP

**IMAGING PERFORMED BY**

Dr. Belan

**HOSPITAL NAME**

Bridgeland

**REFERRING VET**

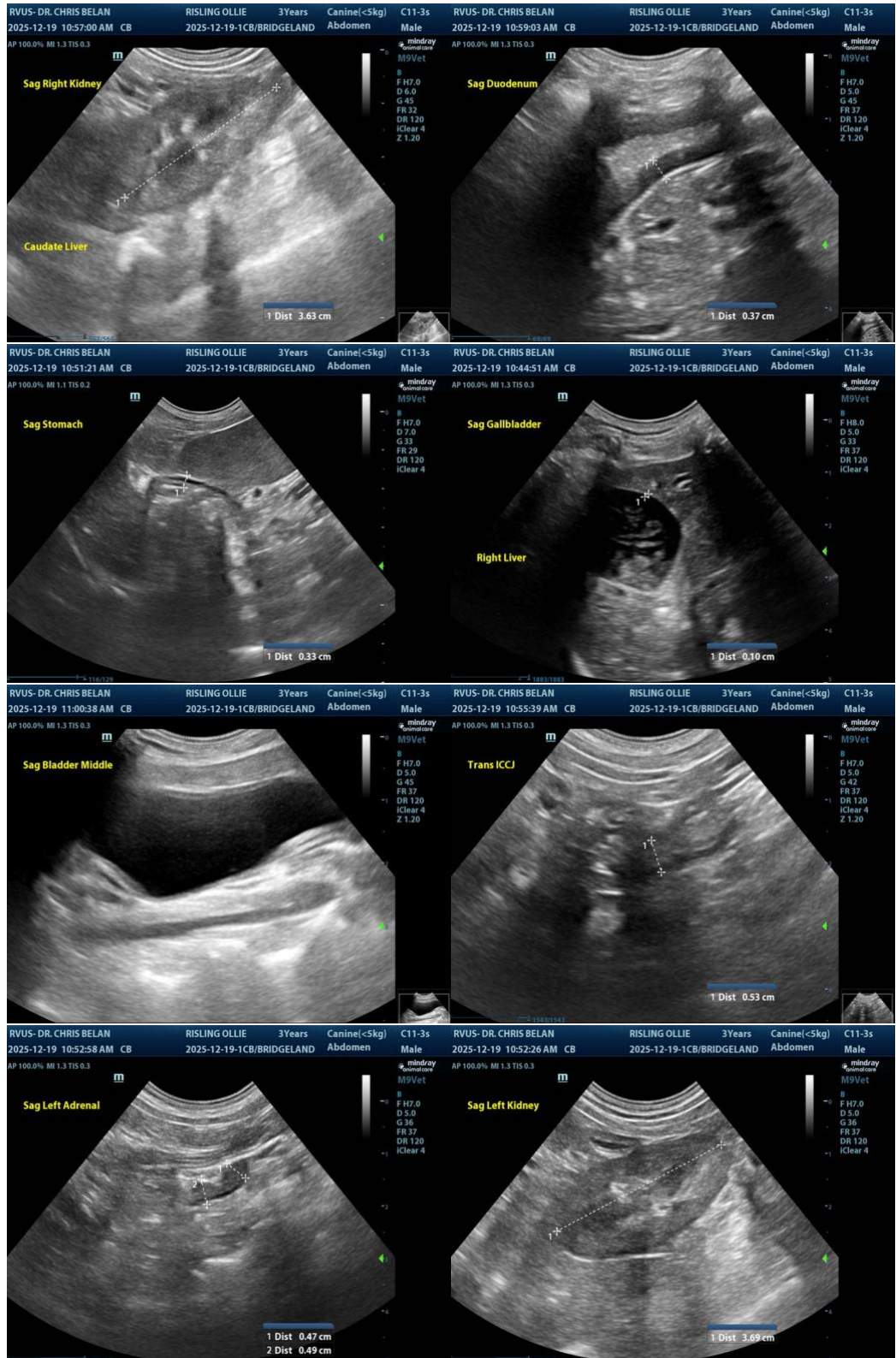
Dr. Flath

**INVOICE**

12782

**DATE**

12/19/25





## PATIENT

Ollie Risling

## SPECIES

Canine

## BREED

Chihuahua Mix

## SEX

Neutered Male

## AGE

3

## WEIGHT

5 kg

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP

## IMAGING PERFORMED BY

Dr. Belan

## HOSPITAL NAME

Bridgeland

## REFERRING VET

Dr. Flath

## INVOICE

12782

## DATE

12/19/25



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](mailto:info@SonoPath.com)