

**PATIENT PRESENTING CLINICAL SIGNS**

Dillon Diamond  
Enlarged cranial abdomen suspect mass or mass effect. Gabapentin BID and just discontinued Metacam  
Abnormal PE/Chem/CBC/UA Results: ALP slight increase, Na/K ratio slightly low.

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Canine

**Urinary System**

BREED

The urinary bladder was subnormal in size owing to lack of urine distention. Full evaluation of the urinary bladder walls was limited owing to lack of urine distention, yet no overt evidence of urinary bladder or proximal urethra pathology to a depth of 4.0 cm. No evidence of pathology in the area of the residual prostate.

Labrador Retriever

SEX

The area of the aortic trifurcation was free of pathology.

Neutered Male

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 loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.8 cm. The right kidney measured 7.2 cm.

AGE

**Adrenal Glands**

10 Years 9 Months

The left adrenal gland was uniform in size and contour with a uniformly hypochoic parenchyma. The left adrenal gland measured 2.7 cm length x 0.97 cm at the caudal pole. No overt pathology in the area of the right adrenal gland.

WEIGHT

37 kg

**Spleen**

INTERPRETED BY

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.

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

**Liver**

IMAGING PERFORMED BY

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypochoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was not definitively visualized, potentially owing to subnormal gallbladder size, given the presence of gastric ingesta.

Crystal Hill

HOSPITAL NAME

Beamsville AH

**Gastrointestinal**

REFERRING VET

The visualized gastric walls were sonographically normal. The lumen of the stomach contained ingesta exhibiting subtle progressive distal acoustic shadowing.

Dr. Hagar

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.

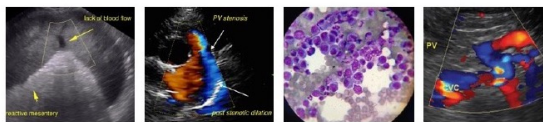
INVOICE

35879

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

DATE

3/3/22



**PATIENT** *Pancreas*

Dillon Diamond 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.

**SPECIES** *Free Abdomen*

Canine

A uniform mass, isoechoic to adjacent mesentery and consistent with ventral intraabdominal lipoma, was present. The intraabdominal lipoma measured approximately 8-9 cm in diameter.

**BREED**

Labrador Retriever

No omental masses, lymphadenopathy or effusion.

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Neutered Male

- Intraabdominal lipoma
- Mild hepatic parenchymal remodeling – subjectively benign
- Normal spleen
- Mild age related renal changes
- Gastric ingesta

**AGE**

10 Years 9 Months

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The presence of gastric ingesta is nonspecific and likely indicates post-prandial presentation. Correlation with most recent meal ingestion is recommended. If documented NPO prior to the ultrasound, the presence of gastric ingesta may indicate some degree some of gastric hypomotility or metabolic stasis. The sonographic presentation of the ingesta was most consistent with food, without evidence of foreign material. Technically, the possibility of gastric foreign material cannot be definitively excluded, yet considered less likely. Monitoring for evidence of normal gastric emptying is recommended.

**WEIGHT**

37 kg

**INTERPRETED BY**

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

The intraabdominal lipoma subjectively in the mid to cranial ventral abdomen may correlate with the mass or mass effect. Otherwise, no evidence of intraabdominal (i.e., hepatosplenic) masses.

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

Beamsville AH

**REFERRING VET**

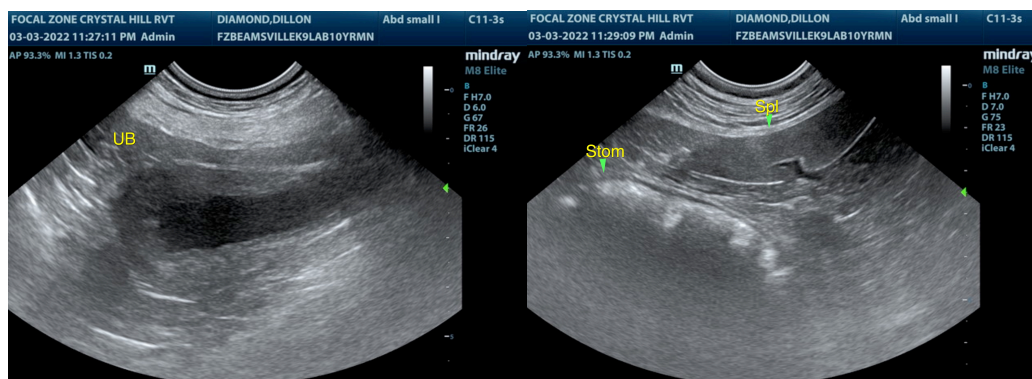
Dr. Hagar

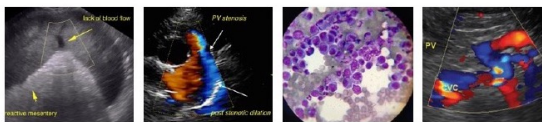
**INVOICE**

35879

**DATE**

3/3/22

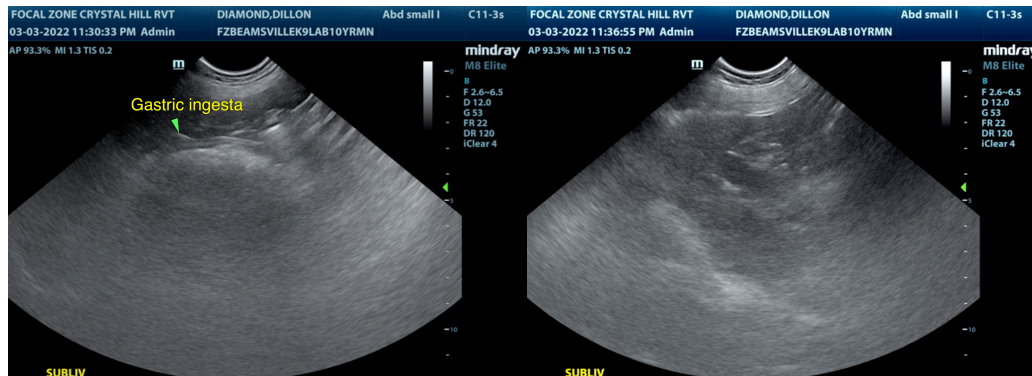




**PATIENT**  
 Dillon Diamond

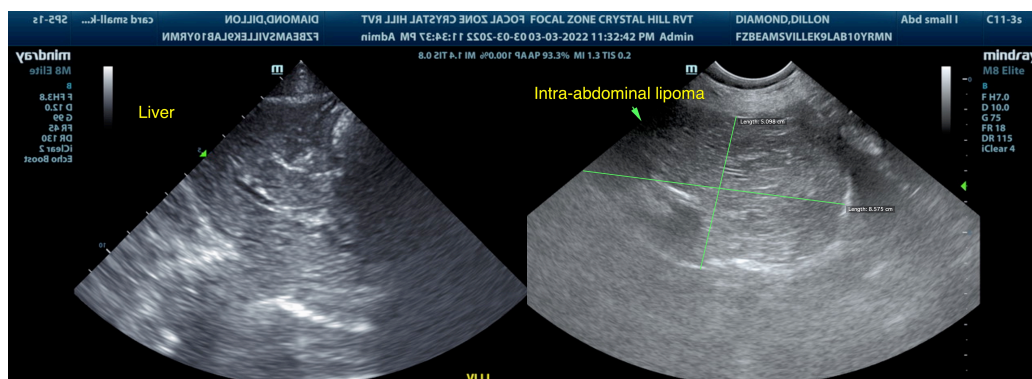
**SPECIES**  
 Canine

**BREED**  
 Labrador Retriever



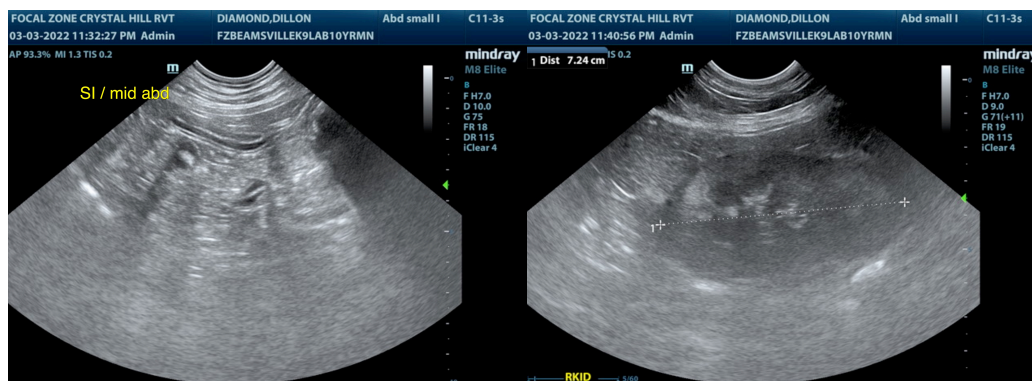
**SEX**  
 Neutered Male

**AGE**  
 10 Years 9 Months



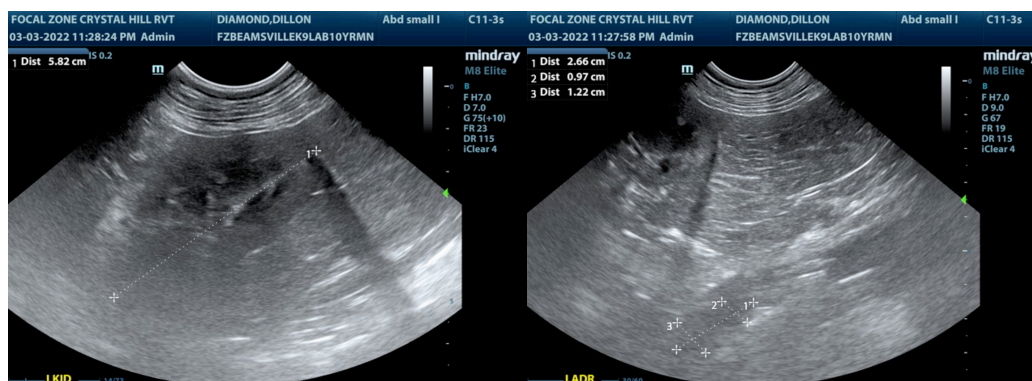
**WEIGHT**  
 37 kg

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



**IMAGING PERFORMED BY**  
 Crystal Hill

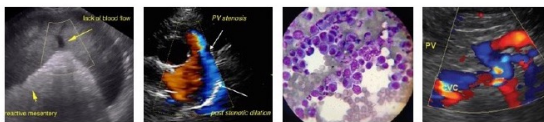
**HOSPITAL NAME**  
 Beamsville AH



**REFERRING VET**  
 Dr. Hagar

**INVOICE**  
 35879

**DATE**  
 3/3/22



**PATIENT**

Dillon Diamond

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.

**SPECIES**

Canine

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

**BREED**

Labrador Retriever

**SEX**

Neutered Male

**AGE**

10 Years 9 Months

**WEIGHT**

37 kg

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Crystal Hill

**HOSPITAL NAME**

Beamsville AH

**REFERRING VET**

Dr. Hagar

**INVOICE**

35879

**DATE**

3/3/22