



PATIENT	PRESENTING CLINICAL SIGNS
Molly Arnold	Presented 3/29 for evaluation of soft tissue mass on LH 4th digit. Mass first appeared in November 2022. FNA at rDVM on 3/22 indicated malignant neoplasia. Recommend blood work, chest rads, & Abd US to screen for metastatic disease prior to surgical planning (limb vs. digit amputation).
SPECIES	
Canine	Abnormal PE/Chem/CBC/UA Results: CBC: HCT 34.6%, rest WNL Chem10, lytes, blood gas: All WNL Three-view thoracic rads: No evidence of metastatic lesions. Orthogonal LH rads: Soft tissue swelling centered on LH 4th digit, no obvious bony involvement. Incisional biopsy taken from mass for histopathology.
BREED	
Labradoodle	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
	Urinary System
SEX	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.
FS	
AGE	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 moderate loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.0 cm in length. The right kidney measured 7.1 cm in length.
13yr	
WEIGHT	A visualized medial iliac lymph node exhibited normal size, contour and echogenicity with normal width: length ratio >0.5. The medial iliac lymph node measured 2.8 cm x 0.8 cm. This finding is considered incidental and is not consistent with inflammatory or neoplastic criteria.
22.3kg	
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left and right adrenal glands were not definitively visualized. No obvious pathology was present in the area of the bilateral adrenal glands.
	Spleen
IMAGING PERFORMED BY	The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age related remodeling with minor potential for inflammatory or neoplastic disease.
Bennett	
HOSPITAL NAME	Liver/Gallbladder
Wilvet South	The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with 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 congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and mild hyperechoic nondependent possibly adhered debris. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.
REFERRING VET	
Bennett	
INVOICE	
13324ag	
DATE	Gastrointestinal
03/30/2023	



PATIENT

Molly Arnold

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.

SPECIES

Canine

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.

Pancreas

BREED

Labradoodle

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.

SEX

FS

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

AGE

13yr

- Sonographically unremarkable abdomen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, no overt evidence of significant abdominal visceral pathology including no evidence of intra-abdominal primary or metastatic neoplastic criteria with largely geriatric changes present. No contraindications to surgery. Sonographic monitoring of the abdominal cavity based on oncology recommendations is suggested.

INTERPRETED BY

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

IMAGING PERFORMED BY

Bennett

HOSPITAL NAME

Wilvet South

REFERRING VET

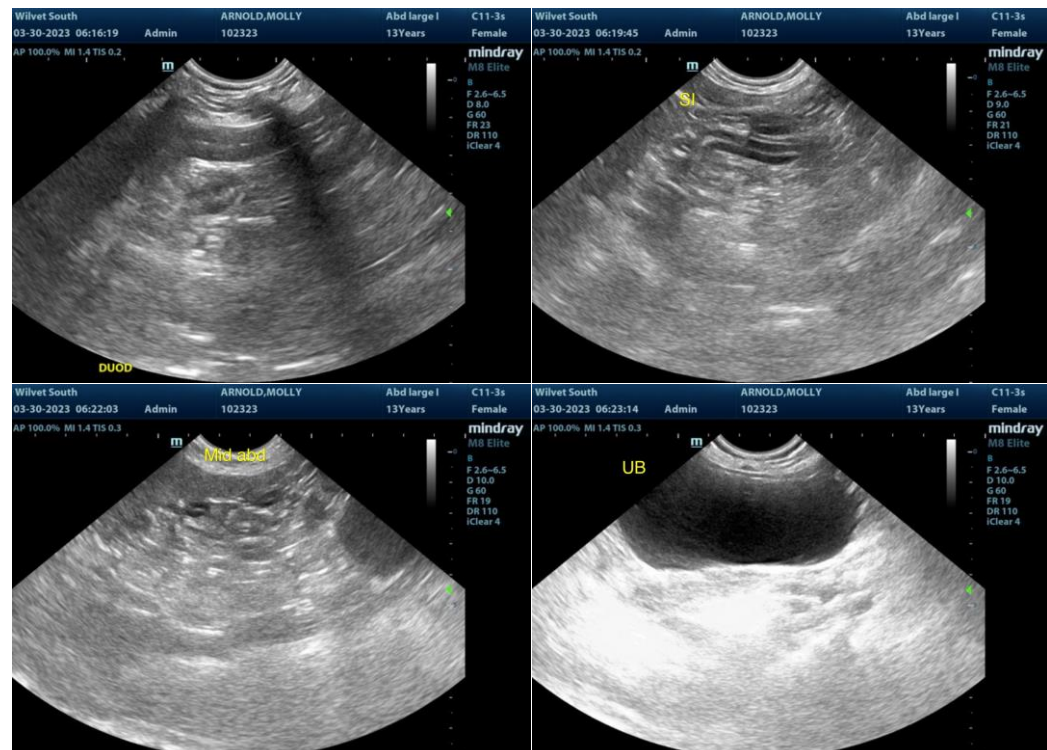
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SPECIES

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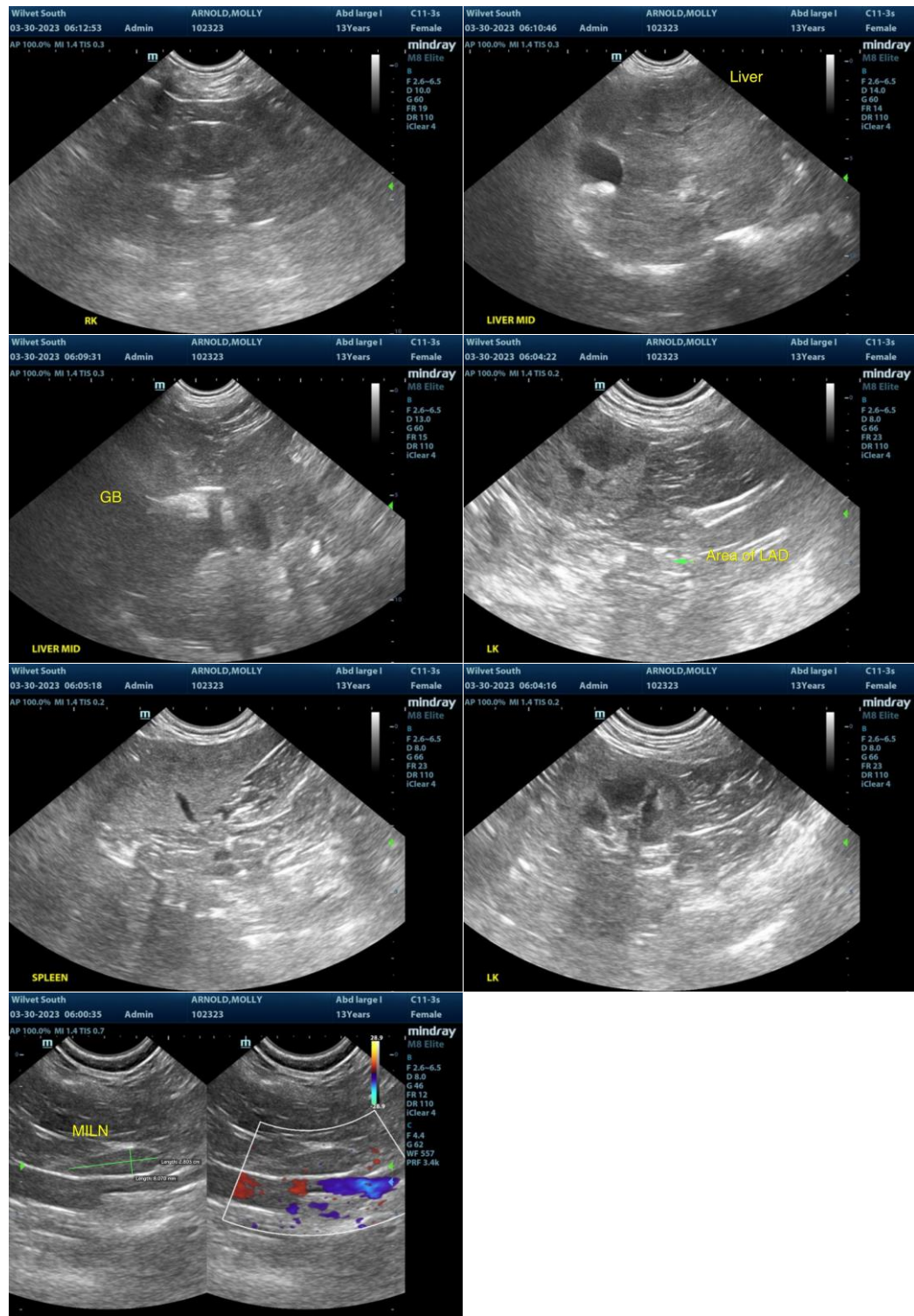
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT

can be of any further assistance, please contact me.

Molly Arnold

SPECIES

Canine

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

mac.daniel@sonopath.com

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Labradoodle

SEX

FS

AGE

13yr

WEIGHT

22.3kg

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