



PATIENT

Catocin Muhly

SPECIES

Canine

BREED

Dalmatian

SEX

Intact female

AGE

6 years

WEIGHT

43.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Brittney Beigel, DVM

HOSPITAL NAME

Bayside Animal
Medical Center

REFERRING VET

Dr. Beigel

INVOICE

71356

DATE

2/6/26

PRESENTING CLINICAL SIGNS

- Whelped on 1/11/26-- 1st litter. Presented 1/13/26 for acting obsessive/possessive and hyperreactive attitude with her puppies
- BW 1/13/26 demonstrated elevated Cr and ALP. Recheck BW 1/22/26 demonstrated elevated Cr resolved, ALT and ALP elevated and low ionized calcium. Recheck BW 2/6/26 demonstrated markedly elevated ALP and ALT, ionized calcium pending
- P has been receiving 3000-4000mg of calcium supplementation per day between calcium carbonate, tums (brand name and generic), reptical w/ D3
- Receives calamari oil human grade supplement
- Diet: proplan 16/20 w/ I/D, nutro
- Receives yogurt or cottage cheese in each meal
- PE unremarkable
- P was fasted for US scan, no sedation needed

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Slight mineralization was noted in the right kidney with slight blunting of the caudal pole. There is a potential for a history of infarct. The right kidney measured 5.5 cm. The left kidney measured 5.3 cm.

The uterus was thickened and measured 1.5 cm in width. There was mild luminal content, yet no residual fetuses noted.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.69 cm at the caudal pole and 0.72 cm at the cranial pole. The right adrenal gland measured 0.9 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of



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congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen. Mildly thickened post whelping uterus.

Slight irregular caudal pole of the right kidney

Slight renal mineralization.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assessment for any vaginal discharge is indicated. There was no evidence of active inflammation. Given the residual uterine thickening and elevated white count, management for metritis may be appropriate, yet no overt pyometra was noted.

Internal medicine consult can be utilized through SonoPath.com. You can select the internal medicine drop down at <http://spa.sonopath.com/>.

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>



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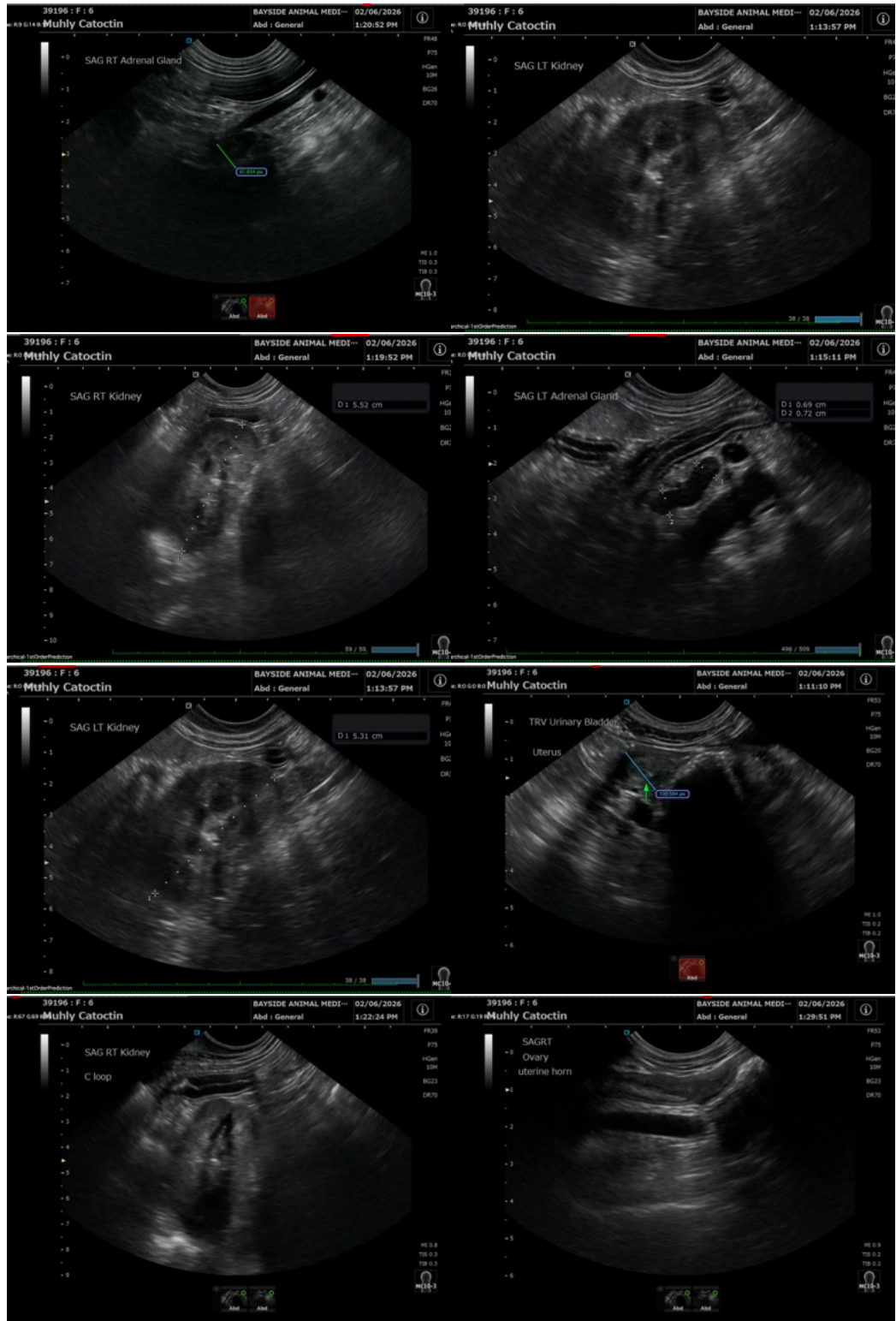
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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info@SonoPath.com

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