

PATIENT

Vera Panteja

RESENTING CLINICAL SIGNS

History: Recheck Urinary bladder. AUS, Labs and UA's attached

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Alaskan Kai

The **urinary bladder** revealed apical wall thickening and polyp measuring 0.8 cm at moderate repletion. Minor micropolypoid changes were noted elsewhere in the bladder.

SEX

Spayed female

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex. Minor mineralization was noted in the kidneys. Slight pyelectasia was noted in the left kidney. The left kidney measured 4.94 cm. The right kidney measured 5.08 cm.

AGE

8 years

Adrenal Glands

WEIGHT

33 lbs

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 right adrenal gland measured 2.6 x 0.37 cm at the caudal pole and 0.41 cm at the cranial pole. The left adrenal gland measured 1.69 x 0.41 cm at the caudal pole and 0.35 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

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

HOSPITAL NAME

Ideal Pet VC

Liver

REFERRING VET

Dr. Kolta

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.

INVOICE

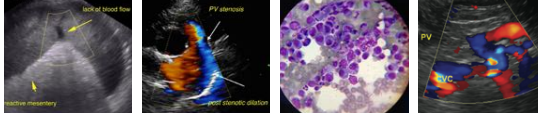
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DATE

1/17/23

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



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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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.

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ULTRASONOGRAPHIC FINDINGS

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Spayed female

Apical bladder polyps, mild polypoid cystitis was noted. Polypoid hyperplasia versus emerging carcinoma is possible, yet less likely.

AGE

8 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Partial apical cystectomy could be considered to remove the polypoid changes. There is a possibility of underlying carcinoma. BRAF testing would be appropriate or cystoscopy with mucosal biopsies or direct resection of the apical third of the bladder could also be justified.

WEIGHT

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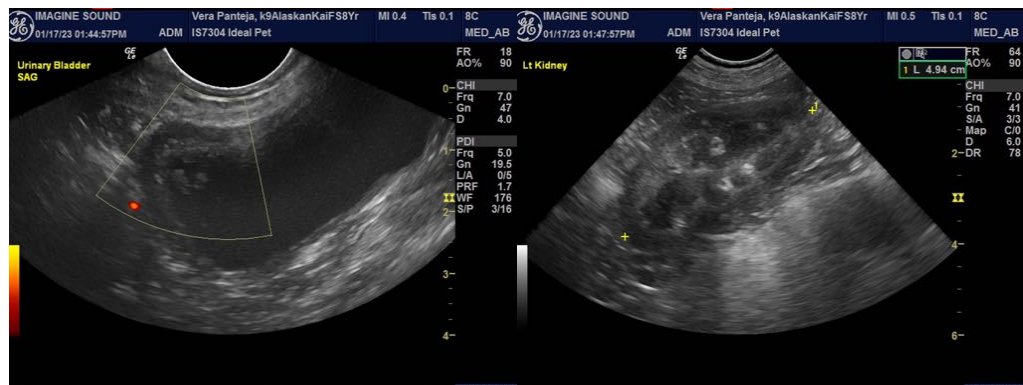
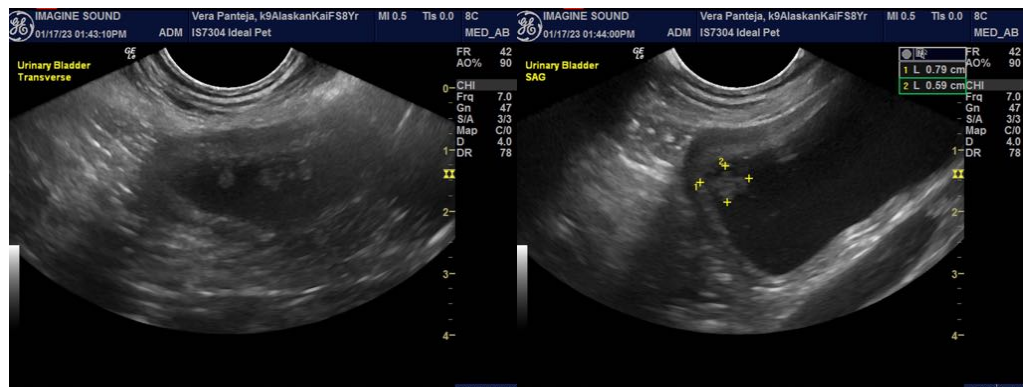
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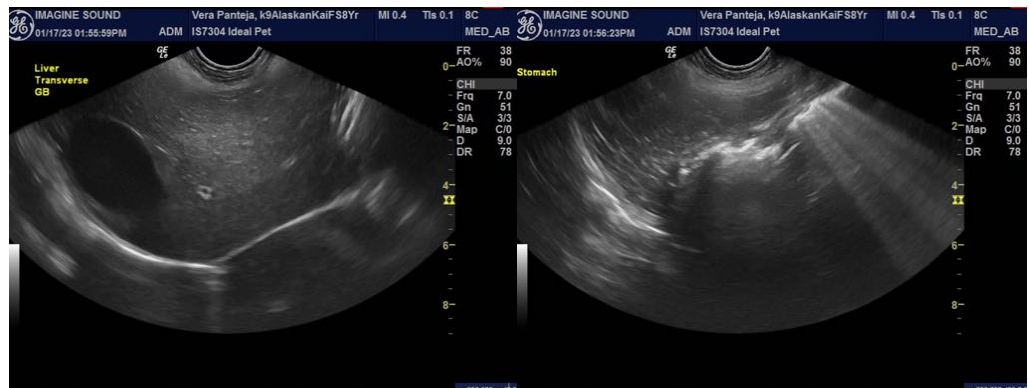
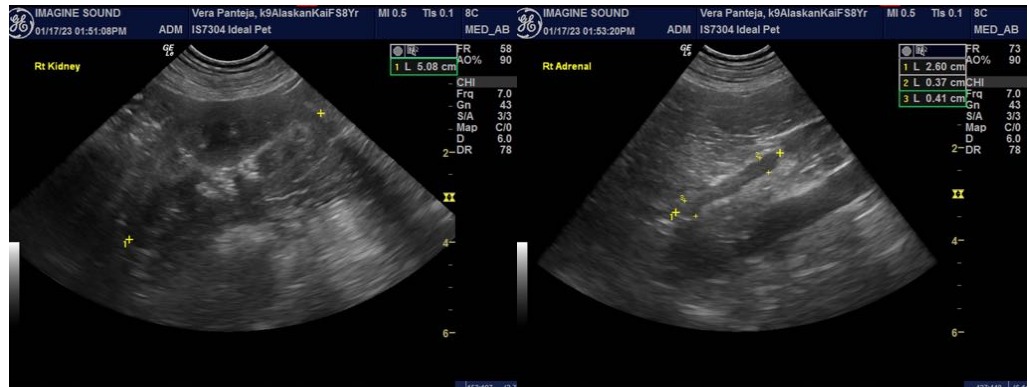
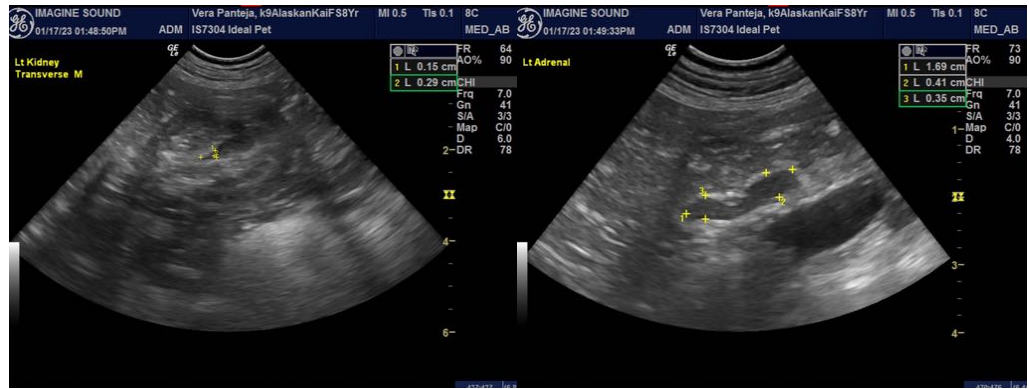
Dr. Kolta

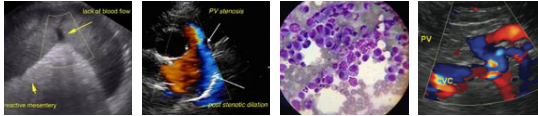
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

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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.

BREED

Alaskan Kai

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Eric.Lindquist@SonoPath.com

SEX

Spayed female

AGE

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