

PATIENT

Kona Irvine

PRESENTING CLINICAL SIGNS

History: Lethargic and poor appetite tender on cranial right abdomen
Abnormal PE/Chem/CBC/UA Results: Mild elevation of liver enzymes

SPECIES

Canine

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.

BREED

Shepherd Shina Cross

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 and no evidence of pelvic dilation was present. Occasional cortical infarct was noted. The right kidney measured 4.35 cm. The left kidney measured 4.36 cm.

AGE

13 years

WEIGHT

17 kg

Adrenal Glands

The right adrenal gland was uniform and measured 0.75 cm at the caudal pole and 0.54 cm at the cranial pole. The left adrenal gland measured 0.82 cm at the cranial pole and 0.65 cm at the caudal pole with a slightly swollen cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed a cyst that measured 2.5 cm and a mass that measured 3.6 cm at the caudal pole.

IMAGING PERFORMED BY

Dr. Belan

Liver

The **liver** revealed heterogenous, non-specific parenchymal changes. The architectural changes were minor and non-disruptive. The gallbladder and common bile duct were unremarkable.

HOSPITAL NAME

Healing Traditions VC

REFERRING VET

Dr. Vockeroth

Gastrointestinal

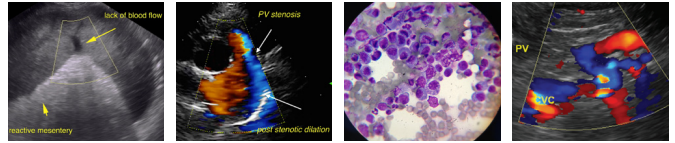
Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt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

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PATIENT

Pancreas

Kona Irvine

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.

SPECIES

Canine

Heart

BREED

Rapid view of the heart revealed no evidence of pathology.

Shepherd Shina Cross

SEX

Splenic mass.

Spayed female

Minor, heterogenous hepatic changes, unlikely to metastatic disease.

AGE

13 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

17 kg

There was no evidence of cardiac pathology. Chest radiographs followed by immediate splenectomy, liver inspection and biopsy is indicated. The mass may be benign. Hemangiosarcoma, benign hepatoma or hyperplasia and benign cyst are all possible. This is at risk for rupture or torsion.

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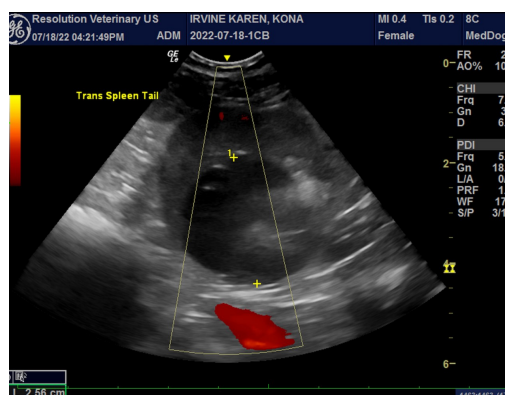
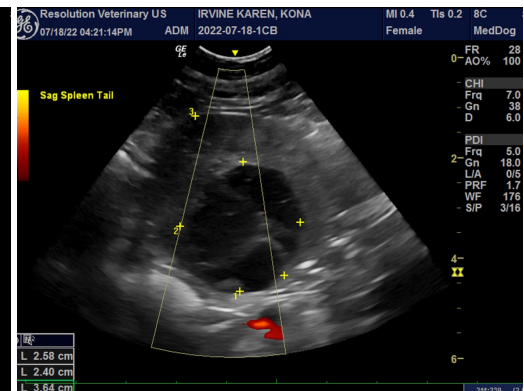
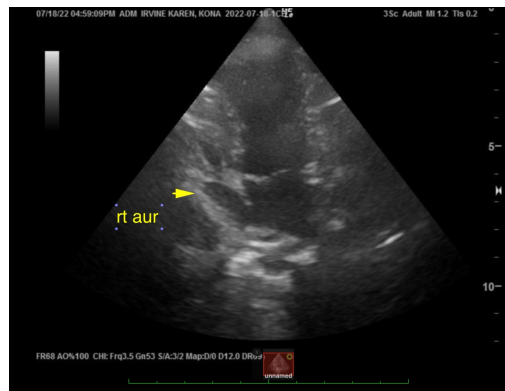
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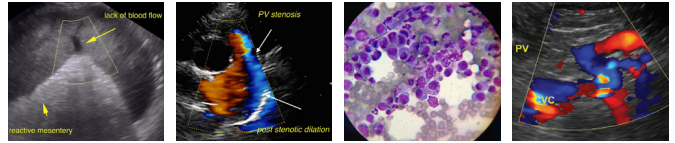
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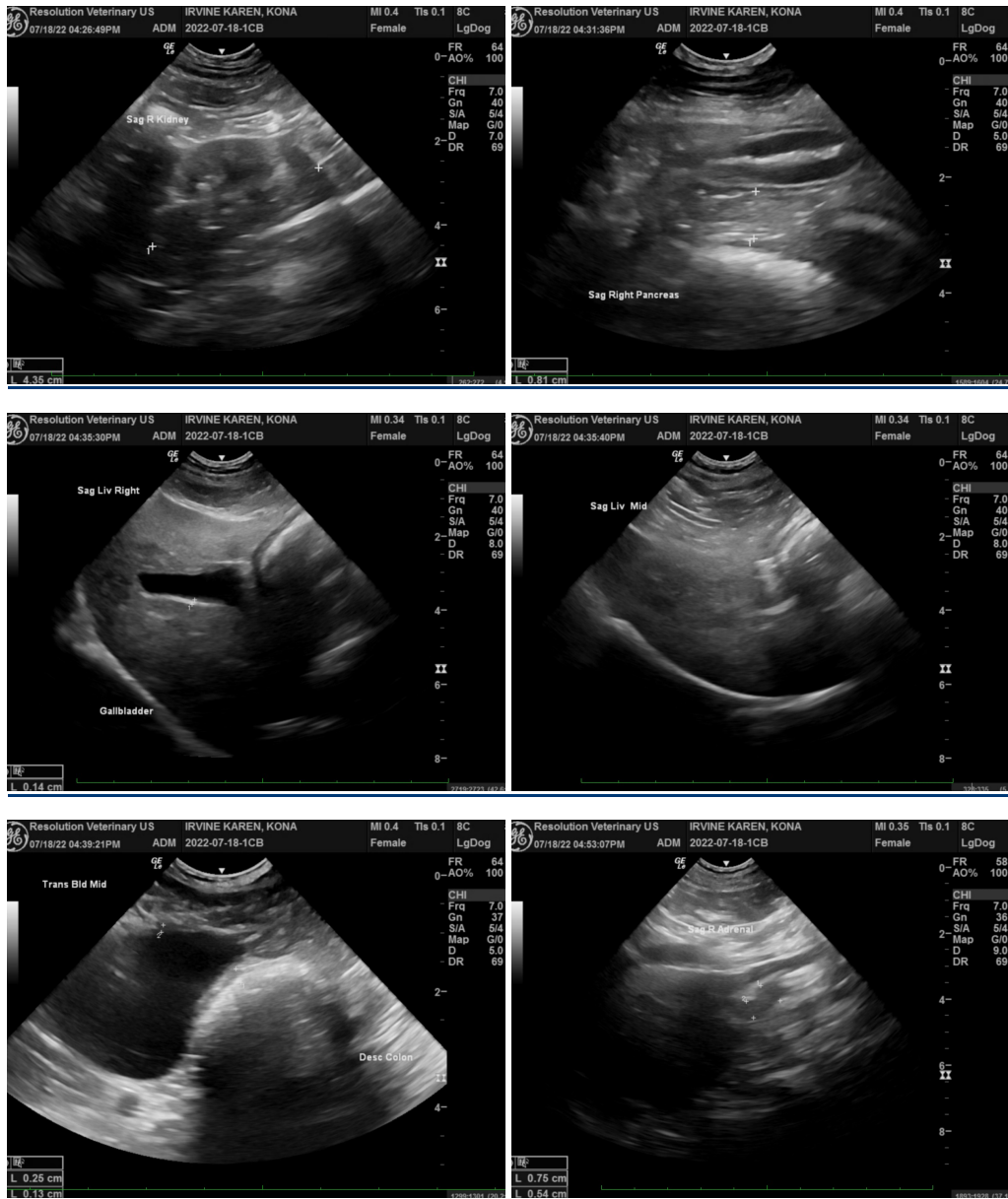
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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