



PATIENT

Fontana Kouba

PRESENTING CLINICAL SIGNS

History: lethargy, heavy breathing, not finishing meals, on and off few weeks.
Abnormal PE/Chem/CBC/UA Results: 4/6 murmur, abd mass? on palpation

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

Beagle

SEX

Neutered male

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. The left kidney measured 5.4 cm. A cortical infarct was noted at the dorsal cortex of the right kidney. The right kidney measured 5.2 cm.

AGE

12 years

WEIGHT

34 lbs

Adrenal Glands

The **adrenal glands** were not visualized.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** was enlarged and irregular with scalloping contour and enhanced pericapsular fat.

IMAGING PERFORMED BY

Dr. Roche

Liver

The **liver** is enlarged, irregular and hypoechoic. The gallbladder and common bile duct were unremarkable. There was no evidence of post hepatic obstruction. The hepatic lymph nodes are also enlarged, hypoechoic and irregular.

HOSPITAL NAME

Fredon AH

REFERRING VET

Dr. Roche

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. A mesenteric lymph node mass was noted and measured 4.0 cm. Regional inflammation was present.

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Pancreas

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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

Free Abdomen

BREED

Beagle

A large amount of abdominal fat was noted in this patient. Regional lymphadenopathy was noted as well as a slight amount of free fluid.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Infiltrative splenic, hepatic and lymph node pattern.

AGE

12 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multi-centric round cell neoplasia is suspected. FNA of the spleen, lymph nodes and liver are recommended. Immediate chemotherapeutic intervention is warranted.

WEIGHT

34 lbs

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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.

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