



PATIENT **PRESENTING CLINICAL SIGNS**

Ginger Conolly

History: Presented for coughing. When chest rads were taken there appeared to be a mass effect near the liver/spleen junction.

ALT 130, Alk P 460

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Beagle

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection.

SEX

Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present.

Spayed female

The region of the trigone and visible pelvic urethra were normal.

AGE

15 years

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 5.06 cm. The right kidney revealed an echogenic cyst that measured 1.7 cm at the medial cortex. Other microcystic changes were present. The right kidney measured 5.6 cm.

WEIGHT

3.8 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

The left **adrenal gland** was mildly swollen and slightly heterogenous measuring 1.4 x 0.6 cm at the cranial pole and 0.66 cm at the caudal pole. The right adrenal gland measured 1.4 x 0.89 cm at the cranial pole and 0.58 cm at the caudal pole.

IMAGING PERFORMED BY

Dr. Prescott

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

HOSPITAL NAME

Roundout Valley
Veterinary Associates

REFERRING VET

Dr. Laux

Liver

The **liver** was enlarged, irregular, nodular and mildly disruptive architecture. Increased portal markings were noted. The largest nodule was in the right cranial liver with diaphragmatic deviation. The largest nodule measured 3.74 x 4.2 cm. The gallbladder and common bile duct were unremarkable.

INVOICE

42659

DATE

2/8/23



PATIENT

Gastrointestinal

Ginger Conolly

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.

SPECIES

Canine

Pancreas

BREED

Beagle

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.

SEX

Spayed female

ULTRASONOGRAPHIC FINDINGS

Pronounced nodular hyperplasia liver pattern with right cranial liver nodule.

AGE

15 years

Minor gallbladder debris.

Bilateral adrenal hypertrophy.

WEIGHT

3.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Bile acid profile and ultrasound-guided FNA of the various nodular hepatic changes are indicated. Ultrasound-guided drainage of the right renal cyst can be considered to assess for infection or abscessation. The hepatic presentation may be completely benign and related to underlying endocrinopathy and secondary degenerative change or nodular hyperplasia. However, further investigation is necessary.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

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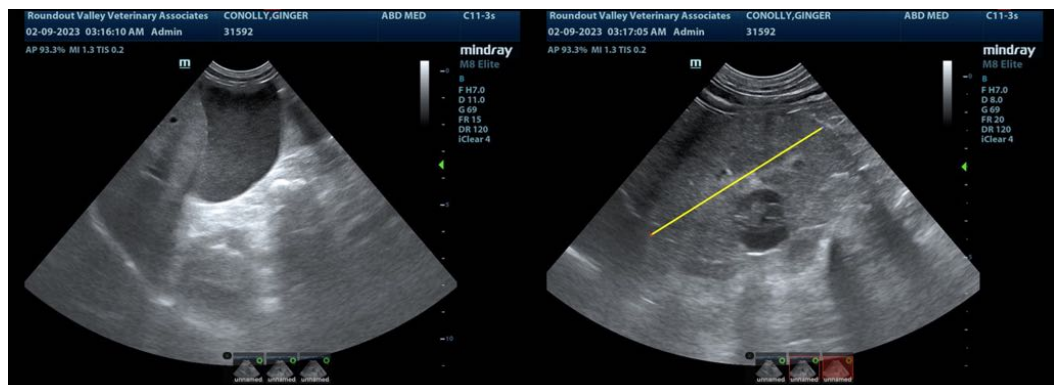
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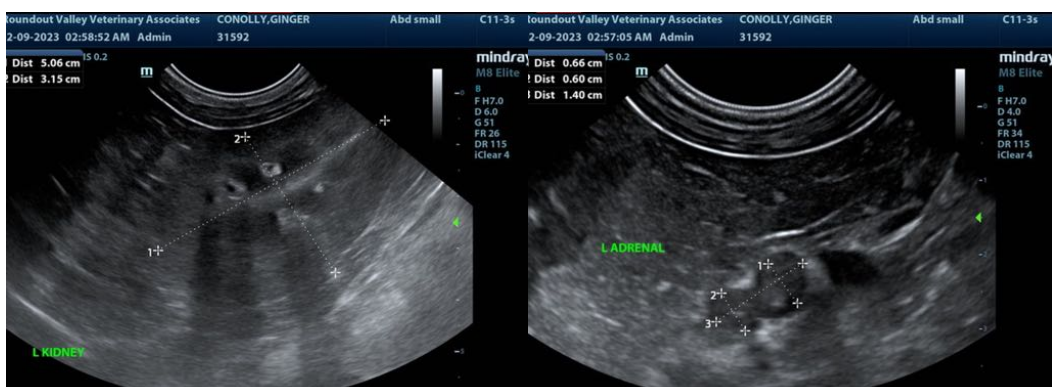
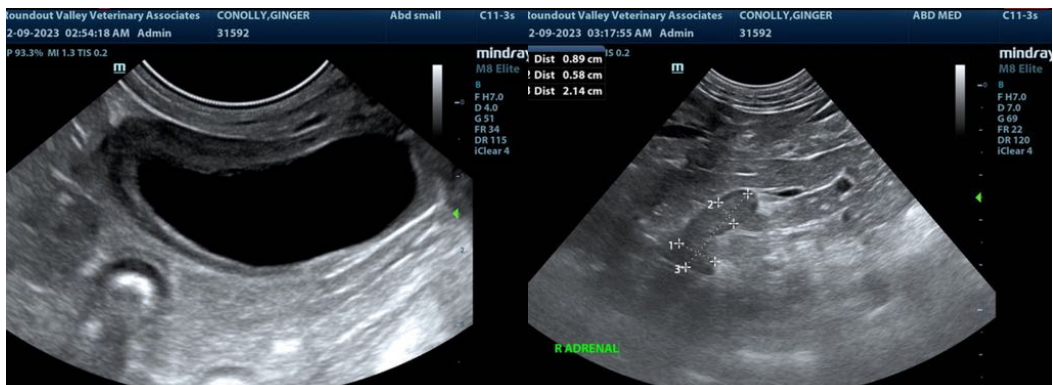
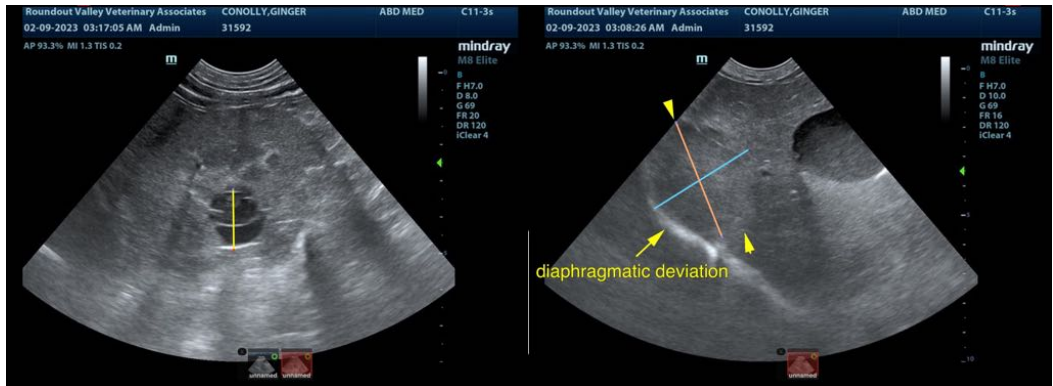
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PATIENT

Ginger Conolly

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

Canine

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

Beagle

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

SEX

Spayed female

AGE

15 years

WEIGHT

3.8 lbs

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DABVP, Cert. IVUSS

**IMAGING
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