



PATIENT PRESENTING CLINICAL SIGNS

Lola Finch Owner wants to evaluate patient. There is a known bladder stone, no not clinical. Had SonoPath ultrasound 9/30/2020
 Abnormal PE/Chem/CBC/UA Results: 9/29/21: ALP 180, BUN 62, Phos. 7.4, plts 484, WBC 3.4, lymph 646. 10/14/21: protein 2+, USG 1.020.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Miniature Schnauzer

The **urinary bladder** revealed persistent calculus measuring 6.0 mm. The bladder itself was unremarkable. The calculus was non-obstructive. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

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. The right kidney measured 5.2 cm. Mineralization noted in both kidneys, non-obstructive. The left kidney measured 5.13 cm.

AGE

14 Years

Adrenal Glands

WEIGHT

N/A

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 2.08 cm x 0.82 cm at the cranial pole and 0.43 cm at the caudal pole. The left adrenal gland measured 1.75 cm x 0.66 cm at the caudal pole and 0.65 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 were noted.

IMAGING PERFORMED BY

Kelly Vazquez

Liver

HOSPITAL NAME

Animal General
on the Hudson

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia. A hyperechoic nodule was noted adjacent to the gallbladder measuring 0.95 cm, consistent with lipogranuloma. Other heterogeneous nodular changes noted without disruption of architecture.

REFERRING VET

Dr. Daniel Tierney

INVOICE

33142

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.

DATE

12/1/21



PATIENT

Pancreas

Lola Finch

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

SPECIES

Canine

BREED

Miniature Schnauzer

- Persistent bladder calculus
- Age related renal changes with mineralization, non-obstructive
- Chronic hepatic changes

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full urinary workup warranted. However, no evidence of imminent pathology.

AGE

14 Years

WEIGHT

N/A

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Animal General
on the Hudson

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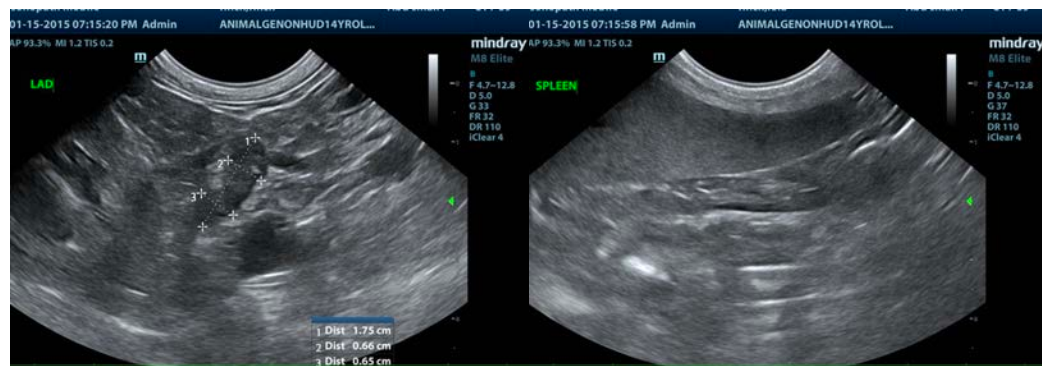
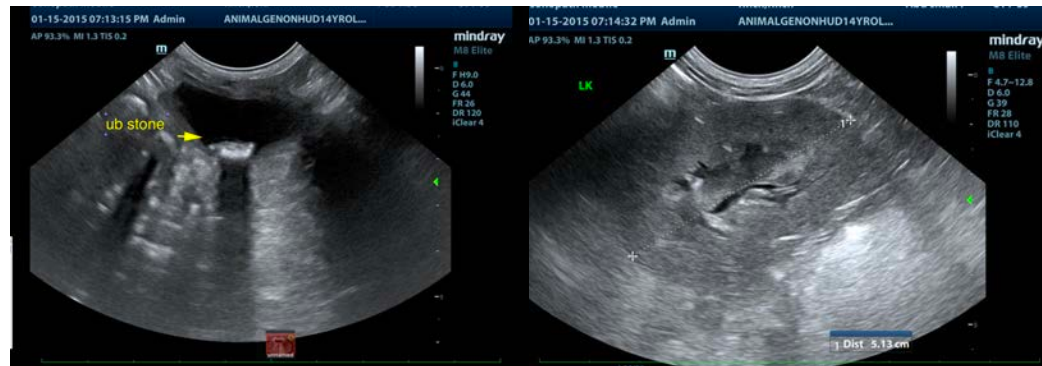
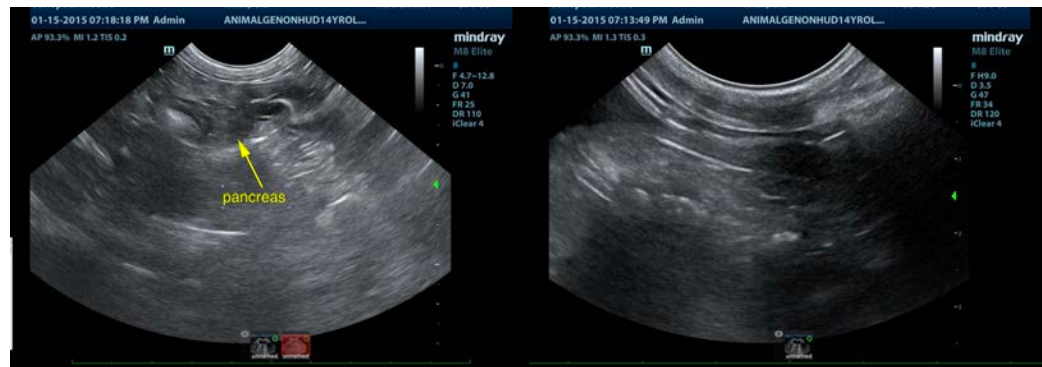
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PATIENT

Lola Finch

SPECIES

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Spayed Female

AGE

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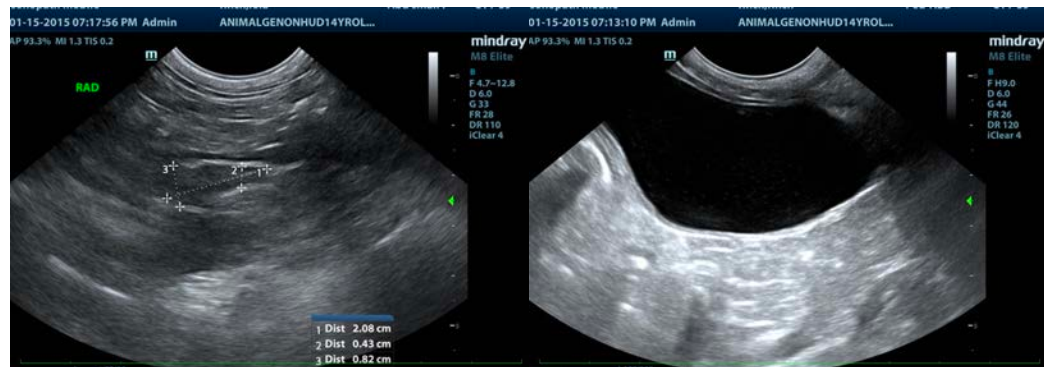
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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