



PATIENT PRESENTING CLINICAL SIGNS

Nico Picton

History: chronic hx of DM - recently has become very difficult to regulate despite unremarkable BW other than stable stage 2 CKD. More recently patient has developed skin fragility syndrome - has several small open wounds.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: several small open wounds; poor hair regrowth, floppy pinnae AU Blind OU (hx of hypertension; now regulated w/ amlodipine) Very tense on abdominal palpation; difficult to palpate. Bloodwork done 8/23/21: CHEM: increased BG (305), CREAT = 2.1; phosphorus WNL @ 4.1; increased amylase (1226) CBC: thrombocytopenia (145) w/ adequate estimate TT4: WNL @ 1.4 UA: USG = 1.017; 3+ glucosuria; negative proteinuria, IS Fructosamine = 480

BREED

Domestic Shorthair

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX

Urinary System

Spayed Female

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.

AGE

14 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.2 cm. The right kidney measured 3.58 cm.

WEIGHT

9.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

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 left adrenal gland measured 0.38 cm in width.

IMAGING PERFORMED BY

Jessica Bailes

HOSPITAL NAME

All Creatures Great
and Small

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.

REFERRING VET

Dr. Litalian

INVOICE

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Liver

The **liver** was swollen and mildly heterogenous and mildly hypoechoic to the surrounding fat. 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

DATE

9/30/21



PATIENT

evidence of inflammatory, infiltrative or regenerative pathology was evident. Mild pleural effusion was noted through the diaphragm.

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SPECIES

Gastrointestinal

Feline

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The mid small intestine revealed a 2.0 cm annular mass that measured 2.0 x 1.76 cm. The remainder of the small intestine appeared unremarkable.

BREED

Domestic Shorthair

SEX

Pancreas

Spayed Female

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 subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

AGE

14 years

WEIGHT

9.2 lbs

ULTRASONOGRAPHIC FINDINGS

Intestinal mass. Round cell neoplasia versus carcinoma. However, slight pleural effusion suggests potential metastatic disease to the chest.

Moderate degenerative renal changes and swollen liver.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the intestinal mass, liver and assessment for pleural effusion for sampling is recommended. Guarded to poor prognosis.

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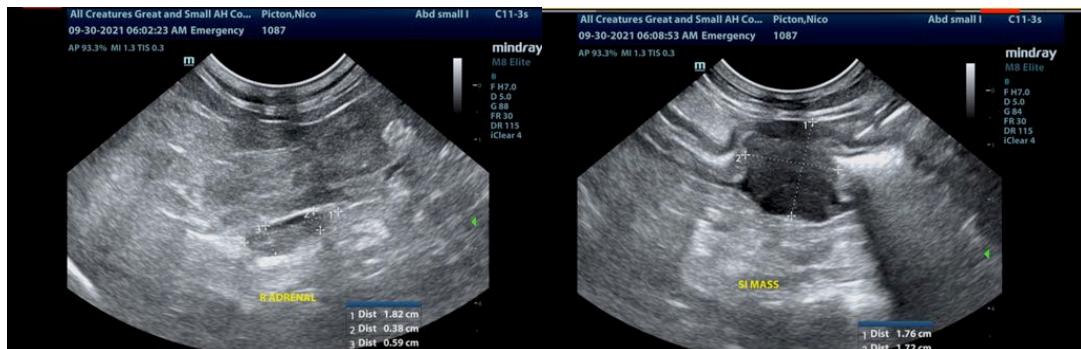
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SPECIES

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Spayed Female

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WEIGHT

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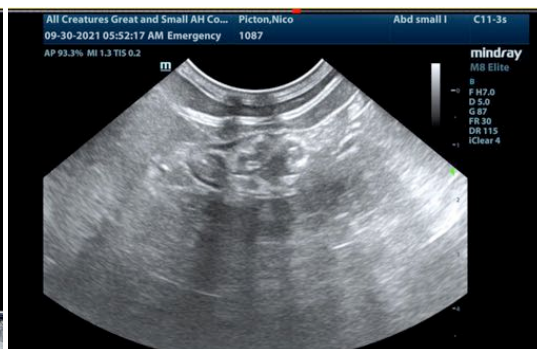
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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