



PATIENT

Meow Meow Shi

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

12

WEIGHT

9.6

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Ascot

INVOICE

46335

DATE

3/31/23

PRESENTING CLINICAL SIGNS

Presented as DKA starting to respond to therapy R/O additional underlying dz (pancreatic abscess, neoplasia) Current meds PZI i unit BID P Lyte Cefazolin IV TID

Abnormal PE/Chem/CBC/UA Results: CBC WNL Chem BG 319 BUN 39 Phos 3.0 K 3.4 TP 5.6 remainder WNL

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 were noted. Ureteral papillae were normal.

The **kidneys** were significantly dystrophic with infarcts and subnormal size. The left kidney measured 2.5 cm. The right kidney measured 3.6 cm with cortical infarcts and remodeling. Mild enhanced surrounding mesentery noted. Blood flow to the kidneys appeared somewhat subnormal.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

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.

Liver

The **liver** revealed a cystic mass in the caudal aspect of the left liver, measuring 1.4 cm, consistent with cystadenoma, likely benign. The remainder of the liver was unremarkable. Gallbladder and common bile duct were normal.

Gastrointestinal

Some retention of ingesta or more likely hairball accumulatio noted in the **stomach**. 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.

Pancreas

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.

ULTRASONOGRAPHIC FINDINGS

- Hairball density in the stomach
- Dystrophic kidneys – concern for long-term viability.
- Cystic left liver mass – consistent with cystadenoma.



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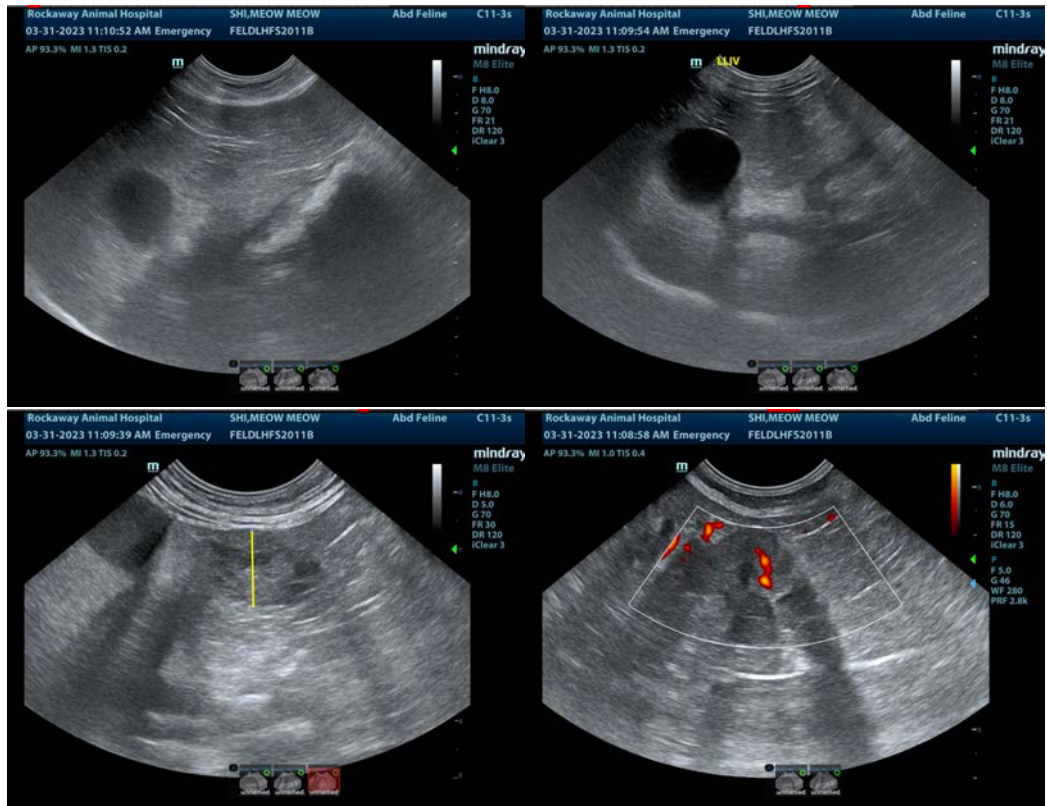
3/31/23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Hairball therapy indicated. Supportive care for DKA should prove effective. However, renal values should be monitored carefully.

This is a suggestive checkoff list when faced with an unregulated diabetic patient:

- UTI
- Dietary indiscretion/intolerance
- Pancreatitis
- Hyperthyroidism/hypothyroidism
- Exogenous steroids (including topical eye meds)
- Cushing's
- Acromegaly
- Owner compliance
- Insulin quality issues
- Antibodies to insulin
- Underlying Neoplasia
- Diffuse liver disease





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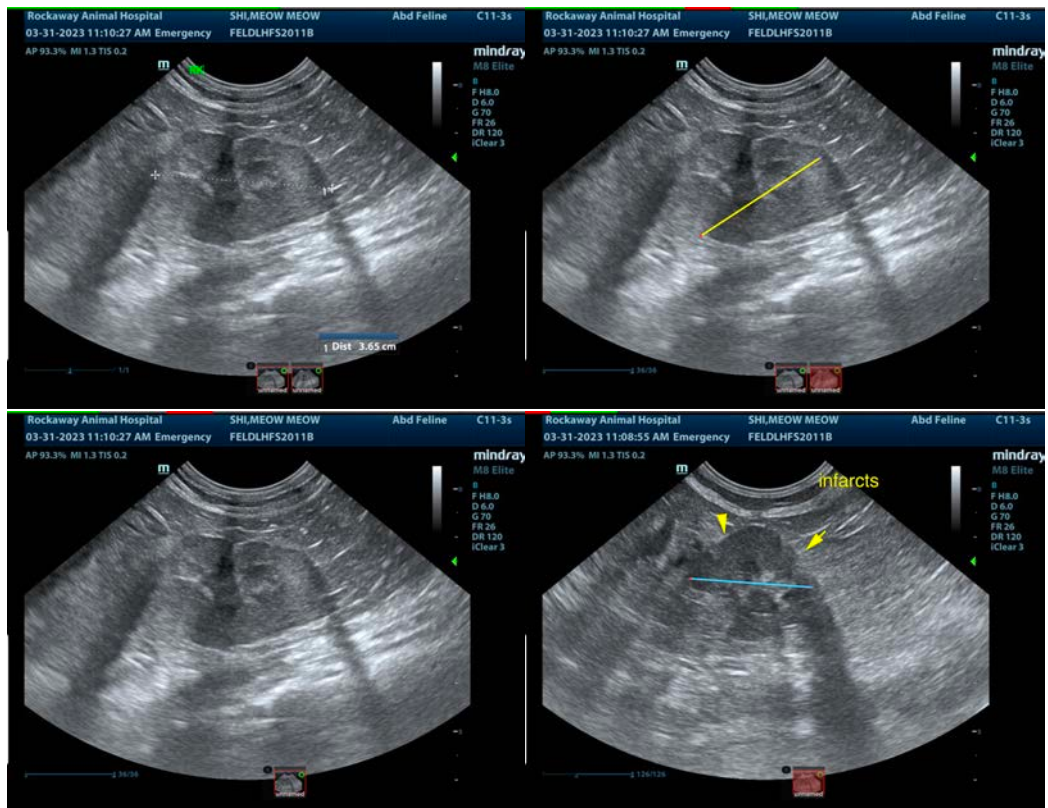
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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