



PATIENT

Olive Shoomiloff

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

1 Year 4 Months

WEIGHT

9 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Dr. Hesham Akbawy

HOSPITAL NAME

Lincoln Avenue Cat &
Dog Hospital

REFERRING VET

Dr. Hesham Akbawy

INVOICE

74539

DATE

4/16/26

PRESENTING CLINICAL SIGNS

Large abdomen , X- ray shows sanded glass appearance abdomen. Ultrasound was showing no details . Removed 1800 ml from abdominocentesis. Repeated ultrasound in the same study . PCR. For FIP is sent to the lab.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is adequately distended. It has a normal uniform wall thickness. Contents include primarily anechoic fluid with a mild amount of echogenic non-shadowing debris, most consistent with incidental suspended lipid in a cat, possibly combined with exfoliated cells, mucous and/or small blood clots. Both sterile inflammation as well as urinary tract infection can also present with echogenic debris. No masses or definitive cystoliths are observed. The trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

The right kidney presents normal size (3.9 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

The left kidney presents normal size (3.8 cm) with normal shape and architecture. Normal corticomedullary distinction. No pyelectasia, ureteral dilation or nephrolithiasis.

Adrenal Glands

The adrenal glands are not clearly seen.

Spleen

The spleen is normal in size, shape, margination and echogenicity. No masses are seen.

Liver

Liver is subjectively enlarged with mildly irregular margins. Parenchyma is heterogenous characterized by multiple poorly defined hypoechoic nodules within otherwise hyperechoic liver parenchyma. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.

Gastrointestinal

The visible gastrointestinal tract appears normal.

Pancreas

The visible pancreas is heterogeneous, most likely due to the presence of the free abdominal fluid. Pancreatitis is not highly suspected.

Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam.



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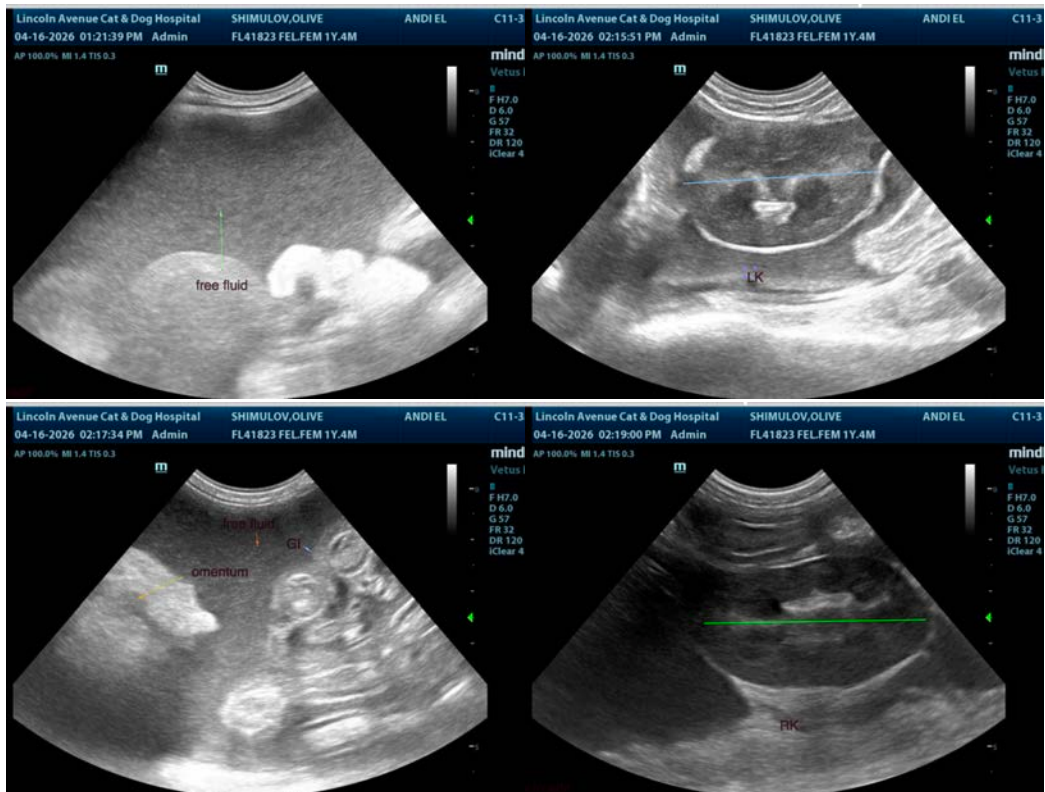
There is a marked amount of very echogenic free abdominal fluid present at the beginning of the scan. 1800 ml of free abdominal fluid was removed and the scan was repeated.

ULTRASONOGRAPHIC FINDINGS

- Marked free fluid.
- Heterogeneous liver – Possible due to infiltrative neoplasia such as lymphoma or infectious disease such as feline infectious peritonitis.
- Heterogeneous pancreas – likely due to presence of free fluid.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious cause for the free abdominal fluid is seen on this exam. It is reported that the abdominal fluid was sampled and submitted for coronavirus PCR, which would be the primary diagnostic recommendation in this case. If coronavirus PCR is negative, then FIP is not suspected. Recommend also submitting fluid for cytology to determine if a diagnosis can be made off abdominal fluid. If not, consider fine needle aspirate of the liver and submit for cytology. If all of these recommendations are performed and are negative for a cause of the free abdominal fluid, consider a possible cardiac cause at that time. Submit NT pro-BNP, and if elevated recommend echocardiogram.





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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.

Greg Kuhlman, DVM, DACVIM (SAIM)

Veterinary Internal Medicine Specialist

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