



PATIENT

Lucky Enache

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

5.14 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JSS

HOSPITAL NAME

King Hopkins PH

REFERRING VET

Dr. Omotayo Conteh,
DVM

INVOICE

16649

DATE

8/1/22

PRESENTING CLINICAL SIGNS

History: - complaint of lethargy, anorexia. - dx with diabetes 3 weeks ago @ rDVM and was started on 3 U insulin BID. - improved and was e/d well, but he has gotten worse over the past few days; hasn't been eating much - can't walk very much, can't use back legs very well Diet: PPVD FEL DM (canned and kibble)

Abnormal PE/Chem/CBC/UA Results: QAR, dull, lethargic, weak mm dry, pink 7-10% dehydrated DDx: Diabetes Mellitus, Pancreatitis Test Results Reference Interval LOW NORMAL HIGH Catalyst Dx (July 31, 2022 9:27 PM) K 2.9 mmol/L 3.5 - 5.8 2.5 mmol/L LOW CI 105 mmol/L 112 - 129 92 mmol/L LOW Catalyst One (August 1, 2022 6:33 AM) SDMA 35 µg/dL 0 - 14 HIGH K 2.9 mmol/L 3.5 - 5.8 2.9 mmol/L LOW SDMA: SDMA is increased, no CREA result: likely impaired GFR and kidney function

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 mildly swollen with age-related changes. Pelvic calculus and debris were noted. The right kidney measured 5.71 cm. The left kidney measured 5.37 cm.

Adrenal Glands

The **left adrenal gland** was slightly mineralized, measuring 0.39 cm.

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 uniform mild enlargement with slight coarse architecture. The gallbladder and common bile duct were unremarkable.

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.

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.



PATIENT

Lucky Enache

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

5.14 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JSS

HOSPITAL NAME

King Hopkins PH

REFERRING VET

Dr. Omotayo Conteh,
DVM

INVOICE

16649

DATE

8/1/22

ULTRASONOGRAPHIC FINDINGS

- Swollen kidneys consistent with diabetic nephropathy and slight pyelectasia and mineralization
- Slightly mineralized left adrenal gland
- Mildly enlarged liver with slight coarse architecture

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Full urinary work up is warranted, if not already performed, as underlying UTI may be an issue. Other causes of anorexia, such as orthopedic pain, should be considered in this patient. No structural evidence of significant disease. These are expected changes for a diabetic patient.

Potential Causes of Diabetic Dysregulation

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

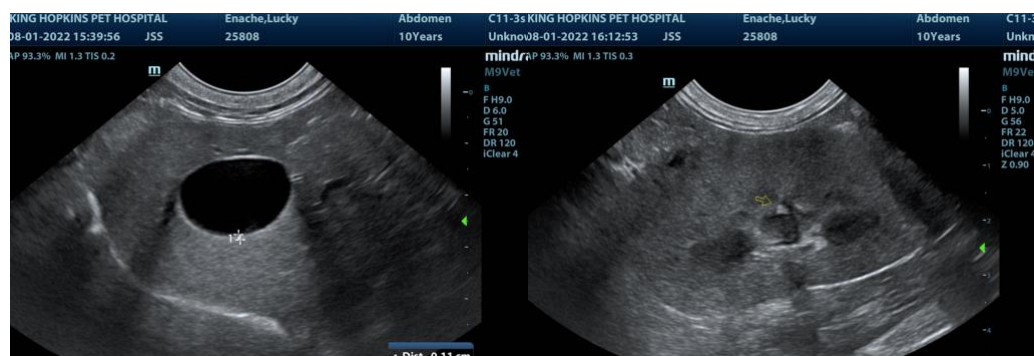
Acromegaly

Owner compliance

Insulin quality issues

Antibodies to insulin

Underlying Neoplasia





PATIENT

Lucky Enache

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

5.14 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JSS

HOSPITAL NAME

King Hopkins PH

REFERRING VET

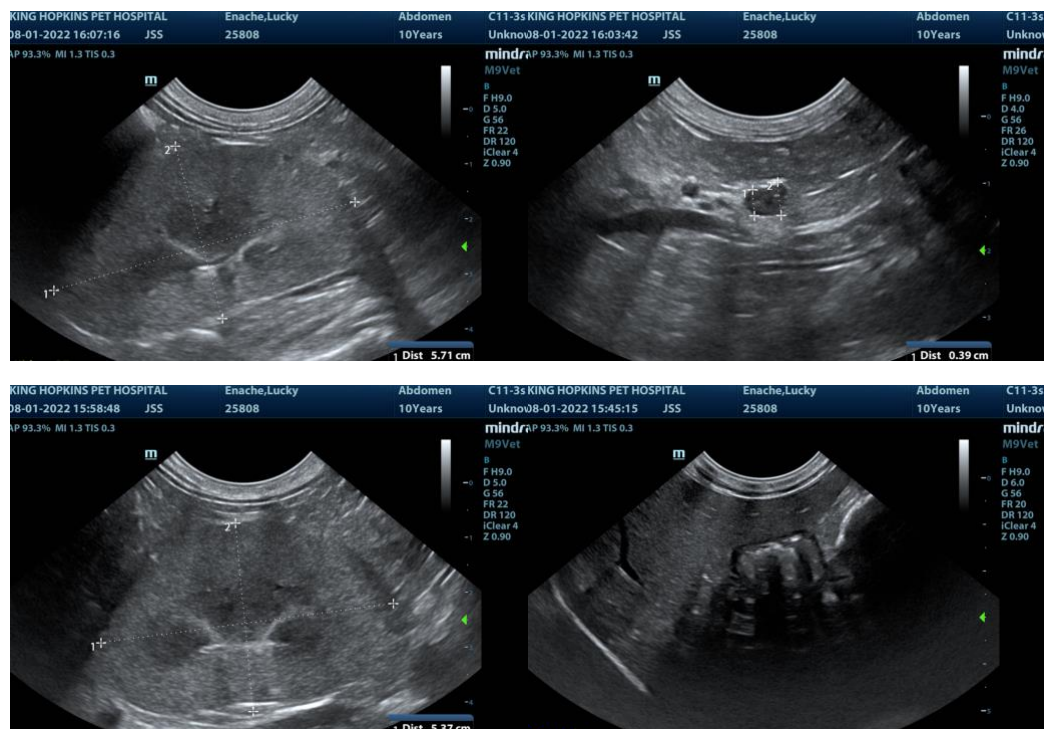
Dr. Omotayo Conteh,
DVM

INVOICE

16649

DATE

8/1/22



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.

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