

PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Laila Garcia

SPECIES
Canine

History: P is an 8yo F intact Boxer presenting for weight loss and inappetence. Patient has been losing weight for the past 3 weeks. Patient has historically had finicky appetite, but owner has specifically noticed that patient has not wanted to eat for the past 2 days. Patient also started shaking and vocalizing randomly. Patient's last heat cycle was 1-3 months. Patient had 2 episodes of diarrhea last week. Urinating within normal limits. No coughing, sneezing, vomiting, or diarrhea noted by owner. Owner gave 300 mg Gabapentin this morning at 7 AM.

BREED

Boxer

SEX

Intact Female

AGE

8 years

Abnormal PE/Chem/CBC/UA Results:
RBC 4.28 - 5.50-8.50 $10^{12}/l$
HGB 8.9 - 12.0-18.0 g/dl
HCT 28.95 - 37.00-55.00 %
AMY 1681 HIGH 200-1200 U/L
BUN 178 HIGH 7-25 mg/dL
CA 12.1 HIGH 8.6-11.8 mg/dL
PHOS 15.5 HIGH 2.9-6.6 mg/dL
CRE 7.2 HIGH 0.3-1.4 mg/dL
GLU 126 HIGH 60-110 mg/dL
2 L of urine drained from bladder via u-cath on presentation

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

42 still images and 13 video clips are available for interpretation.

WEIGHT

48.5 lbs

Urinary System

The urinary bladder is moderately distended. The wall is normal in thickness. The mucosal surface in the region of the apex is slightly irregular. A Foley catheter bulb is observed within the lumen. Luminal contents are otherwise anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (*Small Animal
Internal Medicine*)

The left kidney is subjectively small in size (4.63 cm in length) with an irregular shape. The cortex is isoechoic relative to the spleen and variably thickened, with poor corticomedullary distinction. Moderate pyelectasia is present (0.46 cm in the longitudinal plane). There is no evidence of nephroliths or hydronephrosis. A small amount of retroperitoneal fluid is visualized.

IMAGING PERFORMED BY

Ukachi Ugorji DVM

The right kidney is subjectively small in size (5.08 cm in length) with an irregular shape. The cortex is isoechoic relative to the spleen and variably thickened with poor corticomedullary distinction. Moderate pyelectasia is present (0.57 cm in the longitudinal plane). There is no evidence of nephroliths or hydronephrosis. A scant amount of subcapsular fluid is suspected.

HOSPITAL NAME

Craig Road AH

Adrenal Glands

The left adrenal gland is normal in size (0.66 cm at cranial pole) (0.62 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

REFERRING VET

Ukachi Ugorji DVM

The region of the right adrenal gland is evaluated. No obvious pathology is observed.

INVOICE

13402

Spleen

The spleen is subjectively normal in size (1.59 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature appears normal.

DATE

6.19.23



PATIENT

Laila Garcia

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

SPECIES

Canine

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

BREED

Boxer

Gastrointestinal

The lumen is not distended. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. There is no evidence of an obstructive pattern.

SEX

Intact Female

Pancreas

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

AGE

8 years

Free Abdomen

A small amount of free fluid is present. The abdominal lymph nodes are normal/not visible.

WEIGHT

48.5 lbs

ULTRASONOGRAPHIC FINDINGS

Findings

- Bilateral nonspecific chronic nephropathy. The bilateral pyelectasia may be secondary to pyelonephritis, parenchymal remodeling, PU/PD (if applicable), chronic fluid therapy, or some combination thereof. Based on the patient's clinical history, acute-on-chronic renal failure is suspected.
- Peritoneal/retroperitoneal effusion (mild)

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Ukachi Ugorji DVM

- Urinalysis with culture and sensitivity
- UPC (if proteinuria is present in the absence of infection)
- Baseline blood pressure measurement
- IV fluid therapy and supportive care
- Broad-spectrum antibiotic therapy (while awaiting urine culture and sensitivity results)
- Serial monitoring of the patient's renal values is recommended to assess for progression of disease
- Also consider three-view thoracic radiographs to assess cardiopulmonary status, particularly if IV fluid diuresis is to be initiated.

HOSPITAL NAME

Craig Road AH

REFERRING VET

Ukachi Ugorji DVM

INVOICE

13402

DATE

6.19.23



PATIENT

Laila Garcia

SPECIES

Canine

BREED

Boxer

SEX

Intact Female

AGE

8 years

WEIGHT

48.5 lbs

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

**IMAGING
PERFORMED BY**

Ukachi Ugorji DVM

HOSPITAL NAME

Craig Road AH

REFERRING VET

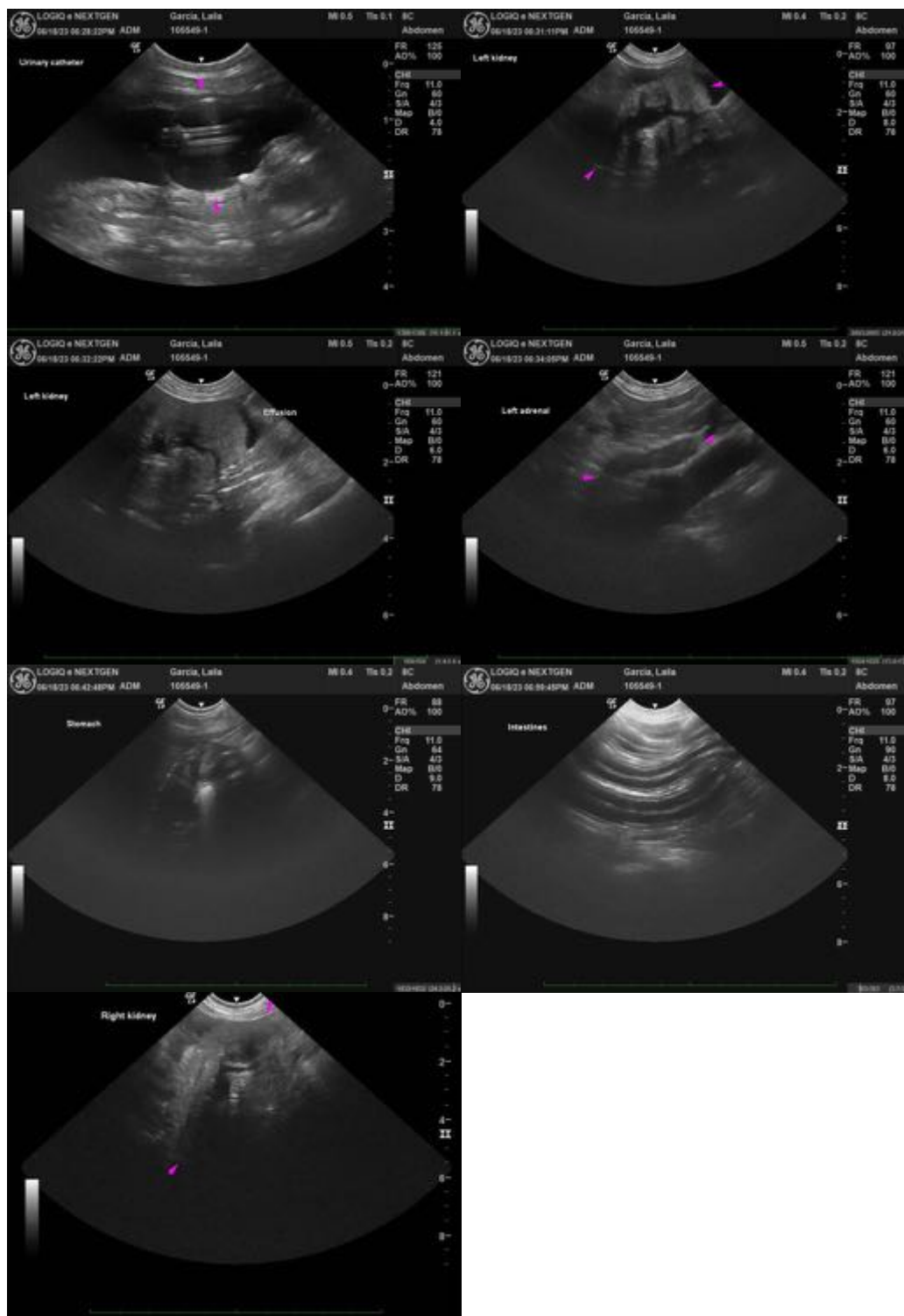
Ukachi Ugorji DVM

INVOICE

13402

DATE

6.19.23



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.



PATIENT

Laila Garcia

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com

SPECIES

Canine

BREED

Boxer

SEX

Intact Female

AGE

8 years

WEIGHT

48.5 lbs

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (*Small Animal
Internal Medicine*)

**IMAGING
PERFORMED BY**

Ukachi Ugorji DVM

HOSPITAL NAME

Craig Road AH

REFERRING VET

Ukachi Ugorji DVM

INVOICE

13402

DATE

6.19.23