



PATIENT

Jolie Zouiyen

SPECIES

Feline

BREED

Bengal

SEX

Female

AGE

4

WEIGHT

5

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Sharkaway

HOSPITAL NAME

Kew Gardens AH

REFERRING VET

Dr. Sharkaway

INVOICE

23173

DATE

7/3/23

PRESENTING CLINICAL SIGNS

History: Weight loss Spitting blood Anorexia

Abnormal PE/Chem/CBC/UA Results: Dehydration Nausea Blood work—severe azotemia, severely elevated globulin, albumin globulin ratio 0.4, severe leukocytosis, severe neutrophilia, no anemia Radiograph—enlarged kidney, gas-filled stomach, and intestine.

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** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The cortices were thickened. The right kidney measured 4.3 cm.

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. 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 evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Excessive **gastrointestinal** gas was noted yet no evidence of obstruction. Mild inflammatory pattern was noted around the GI tract and uterus.

Pancreas

The visible **pancreas** was unremarkable.

Other



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The **uterus** was dilated in this patient with fluid filled lumen, cranial to the urinary bladder. The uterine lumen was occupied by tissue proliferation- this may represent a neoplastic event. The ovaries were not visualized.

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ULTRASONOGRAPHIC FINDINGS

- Fluid and tissue filled uterus- suspect pyometra with mild potential for underlying neoplasia.
- Excessive GI gas
- Mild to moderate interstitial nephrosis renal pattern
- Volume contracted spleen

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

I recommend stabilization of the azotemia, followed by ovariohysterectomy. Renal biopsy could be performed at the time of the surgery. Guarded prognosis.

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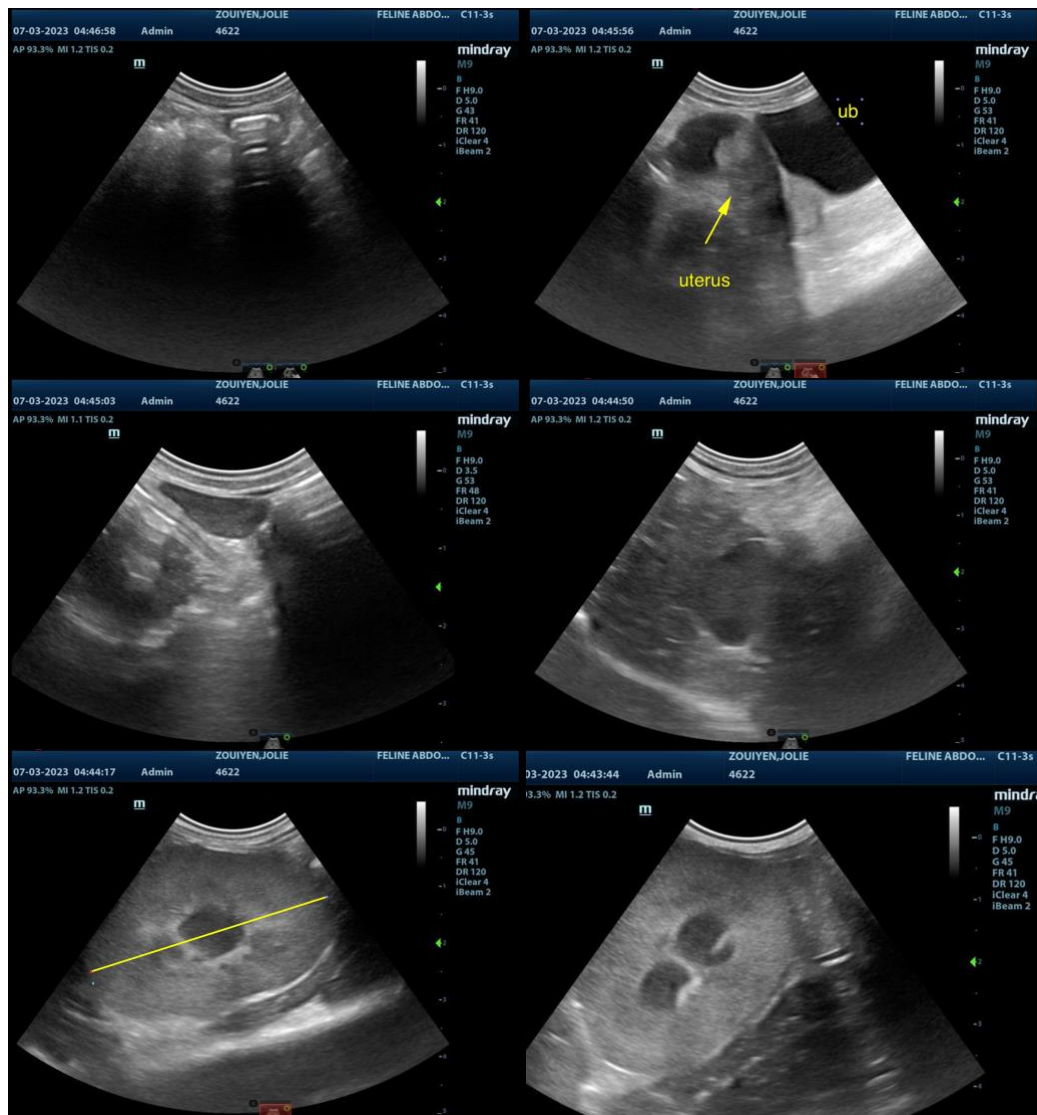
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The information and recommendations provided are based on the images presented by the



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referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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

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