

PATIENT

Hazel Gonzalez

SPECIES

Canine

BREED

English Bulldog

SEX

Spayed Female

AGE

4 years

WEIGHT

45 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Marco and Dr.
Ammeraal

HOSPITAL NAME

Sova AH

REFERRING VET

Dr. Ammeraal

INVOICE

30508

DATE

5/18/22

PRESENTING CLINICAL SIGNS

History: Has been treated with immunotherapy for chronic allergies, Also on apoquel
Abnormal PE/Chem/CBC/UA Results: BUN 42 mg/dL , Crea 1.8 mg/dL . USG 1.028, WBC 11-20 HPF, no bacteria seen,, Urine culture pending.

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 was noted. Ureteral papillae were normal.

The **kidneys** revealed bilateral pyelectasia with thickened, irregular cortices and loss of corticomedullary definition. Minor cortical infarcts were noted. The left kidney measured 6.06 cm. The right kidney measured 5.81 cm.

ULTRASONOGRAPHIC FINDINGS

Moderate degenerative changes with pyelectasia.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I suspect pyelonephritis with the possibility of mild to moderate form of primary renal dysplasia. Renal biopsy is necessary for further definition. Urine culture and sensitivity, 72 hour IV fluid protocol and 4-6 week antibiotic therapy until negative sediment is present. Blood pressure measurements are indicated. The prognosis long term is guarded depending on response to therapy.

Canine Chronic UTI Protocol

I recommend **Enrofloxacin** (5-10 mg/kg SID PO) (In patients > 1 year of age) in late pm after urination to maximize urinary concentrations overnight. This assumes that culture supports this use. Repeat **culture** at 3-4 weeks and continue treatment at least 7-10 days post negative urinary sediment and negative culture. *Note: Negative culture does not necessarily mean lack of UTI.* Other favorite antibiotics for chronic UTI include third generation Cefa (Ceftiafur or similar s.i.d. injectable) or Clavamox. If suspicion of occult urinary incontinence is present then **phenylpropanolamine (PPA)** (1-2 mg/kg BID) can be employed long term to enhance urethral tone.



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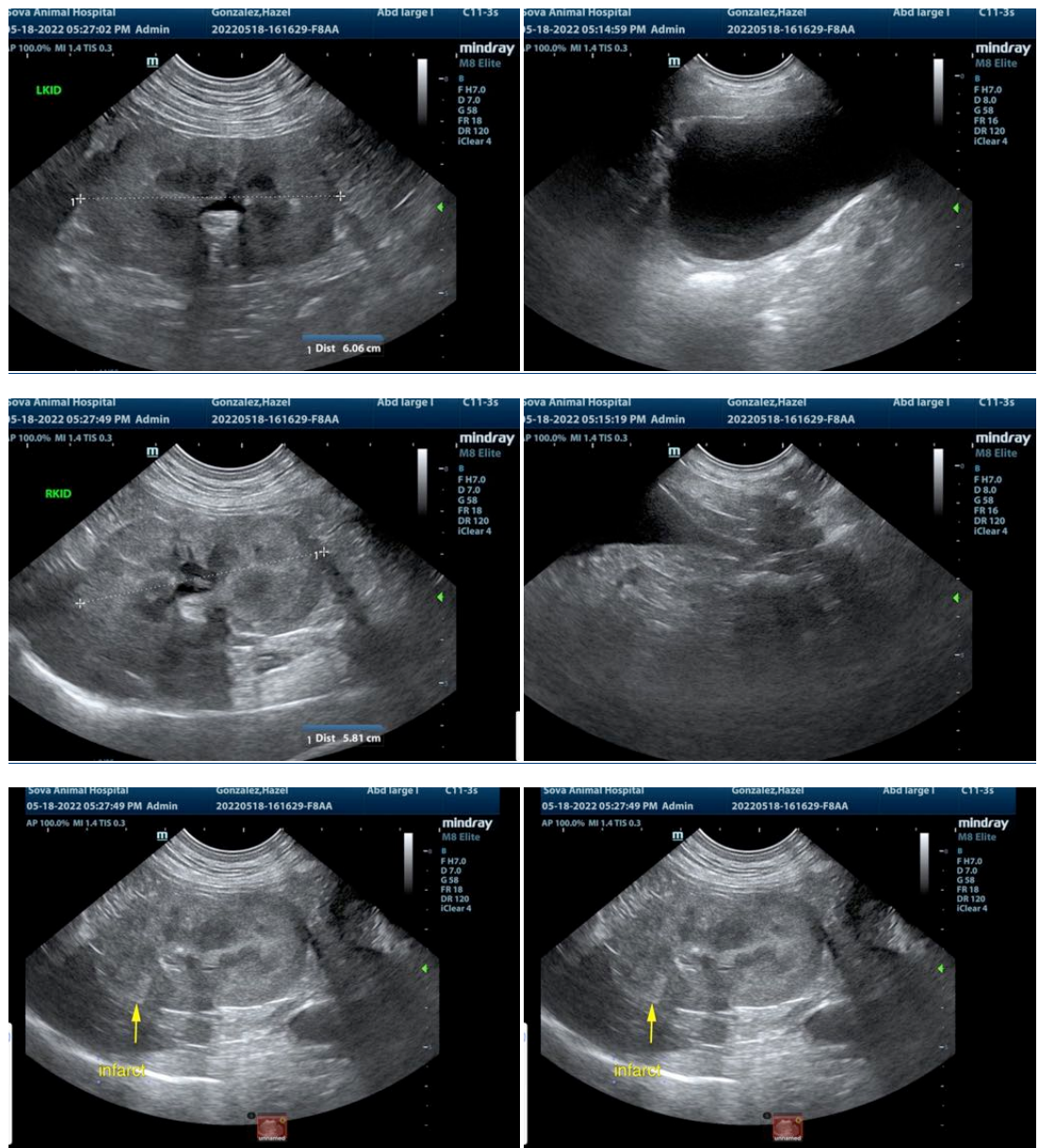
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



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

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