



**PATIENT**

The submitted study contained 15 videos of the kidneys only.

Blackie Walters

**PRESENTING CLINICAL SIGNS**

History of mild UPC elevations, mild SDMA elevations and recently worsening azotemia.

**SPECIES**

Abnormal PE/Chem/CBC/UA Results: SDMA 21, Creatinine 3.0, BUN 53, UPC 1.021, UPC 0.1

Canine

**LIMITED ULTRASONOGRAPHIC EXAMINATION OF THE KIDNEYS**

**BREED**

Adequate renal size and asymmetrical margination was present. Indistinct corticomedullary architecture and marked loss of corticomedullary border demarcation was present with variably echogenic corticomedullary echogenicity. Areas of renal mineralization and mild bilateral pyelectasia. No evidence of left or right retroperitoneal inflammation or effusion.

Kelpie

**SEX**

The left kidney measured 5.2 cm in length. The right kidney measured 5.3 cm in length.

MN

**ULTRASONOGRAPHIC FINDINGS**

**AGE**

Primary

8

- Bilateral chronic degenerative nephropathy exhibiting medullary mineral and mild pyelectasia

**WEIGHT**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

39.2lb

The kidneys are consistent with significant chronic renal changes as opposed to acute kidney injury or insult. Bilateral nonspecific chronic nephritis, dysplasia given patient age or potential combination possible. Screening urine C/S on sterile urine sample with continued monitoring of UPC for continued renal staging is recommended. Essential CKD therapy with monitoring of systemic blood pressure and renal parameters would be appropriate. Sonographic reassessment of the kidneys if progressive azotemia is recommended.

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING PERFORMED BY**

Amanda Favis

**HOSPITAL NAME**

Ruidoso Animal Clinic

**REFERRING VET**

Amanda Favis

**INVOICE**  
24411

**DATE**  
04/06/2026



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



## PATIENT

can be of any further assistance, please contact me.

Blackie Walters

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

[info@sonopath.com](mailto:info@sonopath.com)

## SPECIES

Canine

## BREED

Kelpie

## SEX

MN

## AGE

8

## WEIGHT

39.2lb

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