

PATIENT PRESENTING CLINICAL SIGNS

Brooklyn Thomson History: Pu/Pd. History of azotemia.

SPECIES Physical Examination: N/A.

Canine Urinalysis: SG 1.019, proteinuria.

BREED CBC: Normal.

Terrier Mix Serum Biochemistry: Azotemia, elevated SDMA, phosphate, cholesterol. Lyme positive on 4Dx.

Radiographic Findings: N/A.

SEX

MN

AGE

3 years

WEIGHT

10.3 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD, Dipl.
ECVIM

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Brooklyn Heights
Veterinary Hospital

REFERRING VET

Dr Thomson

INVOICE

303168

DATE

8/5/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and echogenic appearance of the wall. Moderate amount of floating hyperechogenic sediment. No uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.4 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal blood flow and capsule. Mild bilateral pyelectasia and small cortical infarcts.

Reproductive System

Small hypoechogenic prostate (1.6 cm).

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.69 x 0.61/0.54 cm, right 1.97 x 0.49/0.42 cm.

Spleen

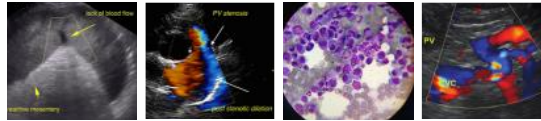
Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.3 cm) and peristalsis, and no distension of the lumen.



PATIENT *Pancreas*

Brooklyn Thomson Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
Small amount of acellular ascites in the caudal abdomen.

BREED

Terrier Mix **ULTRASONOGRAPHIC FINDINGS**

Primary findings:

- Renal disease.
- Urinary bladder sediment.
- Ascites.

SEX

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Secondary findings:

- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the kidneys would be acute kidney injury (hypoxia, toxins), bacterial nephritis, Leptospirosis, early pyelonephritis, and hypertensive nephropathy.

Etiologies for the urinary bladder would be bacterial cystitis, debris, and crystalluria

Further assessment would be urine culture, UPC, Leptospira titer/PCR, and blood pressure.

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Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be renal diet, ACE inhibitor/receptor blocker, and enteric phosphate binders.

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PATIENT IMAGES

Brooklyn Thomson **Left kidney**

SPECIES

Canine

BREED

Terrier Mix

SEX

MN

AGE

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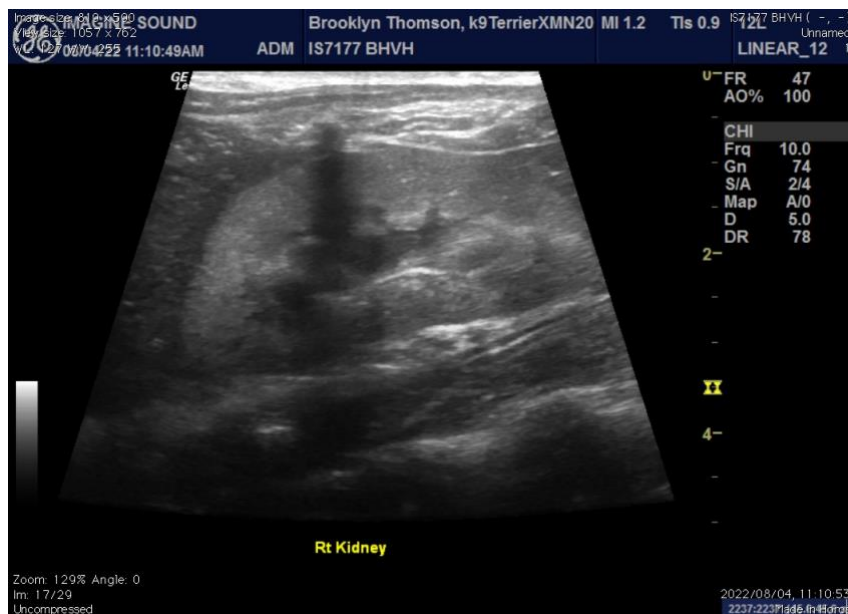
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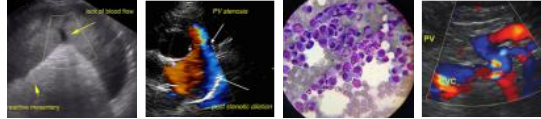
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Right kidney





PATIENT Urinary bladder

Brooklyn Thomson

SPECIES

Canine

BREED

Terrier Mix

SEX

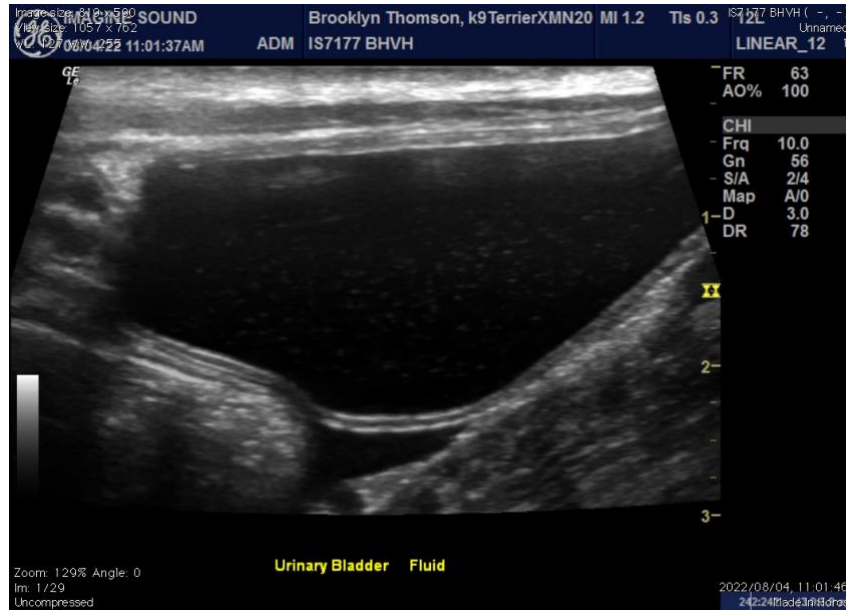
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

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.

HOSPITAL NAME

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