

PATIENT

Mash Bradley

SPECIES

Feline

BREED

Persian

SEX

MN

AGE

13 years

WEIGHT

PRESENTING CLINICAL SIGNS

History: UTI 4 weeks ago. Preputial soiling.

Physical Examination: N/A.

Urinalysis: N/A.

Previous CBC: Normal.

Previous Serum Biochemistry: Normal.

Radiographic Findings: Mineralized densities in the region of the gall bladder and liver.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Empty urinary bladder with a thickened wall. Normal anechoic urine. Hyperechogenic sediment/urooliths/mineralization on the ventral bladder wall (0.9 cm) and within the trigone (1 cm).

Normal trigone area, proximal urethra and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.8 cm, right 3.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule, and pelvis. Bilateral mild mineralization. Small cortical cyst in the left kidney, large cortical cyst (1.8 cm) in the right kidney.

Adrenal Glands

Normal shape, echogenic appearance, size, and position.

Spleen

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

Liver

Normal size, echogenic appearance, and portal markings. Focal parenchymal cystic nodule (1.2 cm) in the caudal left liver. Full gall bladder containing normal anechoic bile. Normal bile duct.

Gastrointestinal

Normal appearance of the pylorus, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness (jejunum 0.23 cm, colon 0.06 cm) and peristalsis, and no distension of the lumen.

INTERPRETED BY

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

IMAGING PERFORMED BY

Brent Crutchfield,
DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

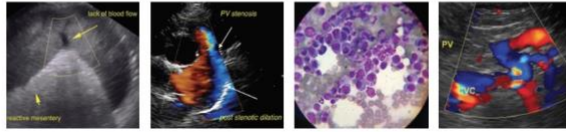
Dr Cail

INVOICE

302558

DATE

9/14/21



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Pancreas

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

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Cystitis with mineralization/uroliths.

Secondary findings:

- Hepatic cyst/nodule.
- Age-related renal changes.
- Renal cysts.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

As the urinary bladder is fairly devoid of urine, the hyperechogenic material in the bladder could be sediment, uroliths, or areas of mineralization – ideally it should be re-scanned when full to perhaps differentiated the three possibilities. Etiologies for the thickened bladder wall would be secondary to uroliths, cystitis, and emerging neoplasia.

The most likely etiology for the hepatic cyst would be a benign cyst-adenoma.

With the breed of cat, the renal changes are most likely a mild variation of polycystic kidney disease and incidental.

Further assessment would be urinalysis and urine culture.

Specific therapy would be dependent on an etiological diagnosis.



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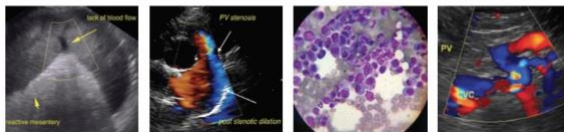
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IMAGES

Urinary bladder





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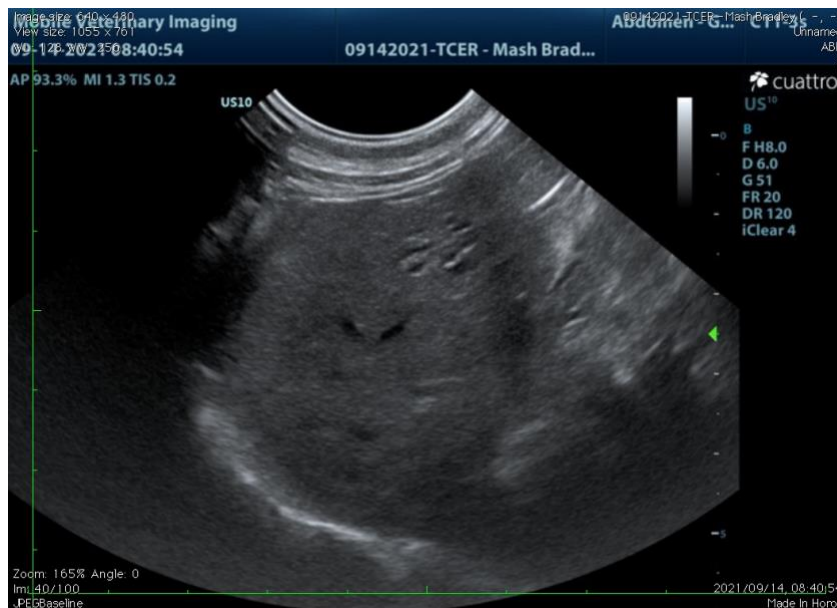
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Liver



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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.

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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