



PATIENT	PRESENTING CLINICAL SIGNS
Keep Itsara	History: Presents for recurring UTIs (E. coli) with return of stranguria after antimicrobial course is complete. Abnormal PE/Chem/CBC/UA Results: Thin BCS 3/0, paraspinal muscle tone 2/3. Dental disease grade 2. Otherwise well
SPECIES	
Canine	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
BREED	Urinary System
Shiba Inu	The urinary bladder is full, with a thickened (0.30 cm) and irregular appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.
SEX	Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.
Female Spayed	Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.
AGE	
14 years	Normal renal size (left kidney 3.60 cm) (right kidney 3.80 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. No infarcts, mineralization or renoliths evident.
WEIGHT	
19.7 lbs	Adrenal Glands
INTERPRETED BY	Poorly visualized, but appear to be of normal shape, echogenic appearance and size.
Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM	Spleen
IMAGING PERFORMED BY	Normal size (measuring 1.40 cm) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.
Ashley McCaughan	Liver
HOSPITAL NAME	Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.
Marina Village Vet & Integrative Care	Gallbladder
REFERRING VET	The gallbladder is full, containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.
Ashley McCaughan	Gastrointestinal
INVOICE	Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.
13881	Pancreas
DATE	Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.
7.27.23	Free Abdomen
	Normal mesenteric lymph nodes.
	No ascites evident.



PATIENT **ULTRASONOGRAPHIC FINDINGS**

Keep Itsara **Primary Findings**

SPECIES • Cystitis

Canine **Secondary Findings**

BREED • Gall bladder sediment

Shiba Inu

SEX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Female Spayed

Etiologies for the cystitis would be chronic bacterial cystitis, with emerging neoplasia a differential diagnosis. With the presenting clinical signs, urethral pathology should also be considered, with possible etiologies being granulomatous, urethritis, or neoplasia.

AGE

Further assessment would be urinalysis, urine culture, BRAF analysis, and possibly a contrast urethrogram.

14 years

WEIGHT

Management of a chronic urinary tract infection would be 4-6 weeks of an appropriate antimicrobial, with a urine culture done during the course of the treatment, as well as 2-3 days after completion of the antimicrobial course to ensure eradication of the infection. In some cases, the use of urinary antiseptics (such as Macrochantin) may be required as a long-term management.

19.7 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Ashley McCaughan

HOSPITAL NAME

Marina Village Vet &
Integrative Care

REFERRING VET

Ashley McCaughan

INVOICE

13881

DATE

7.27.23





PATIENT

Keep Itsara

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.

SPECIES

Canine

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.

BREED

Shiba Inu

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
info@sonopath.com

SEX

Female Spayed

AGE

14 years

WEIGHT

19.7 lbs

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