



PATIENT

Lotus Karlsson

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

5 Years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Mayra Sanchez

HOSPITAL NAME

Sunset Animal Hospital

REFERRING VET

Dr. Cristina Polit

INVOICE

71570

DATE

11/4/25

PRESENTING CLINICAL SIGNS

Increasing ALP over the past 8 months. -Hx of Calcium oxalate bladder stones; first cystotomy 11/2023 and second one today.

Abnormal PE/Chem/CBC/UA Results: PE: BCS 6/9 CBC: NSF Chem: ALP 621 Radiographs: Mild hepatomegaly, multiple small stones in bladder

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed sand accumulation, non-obstructive, measuring 1.1 cm in length. The bladder wall was unremarkable.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 3.4 cm. The right kidney measured 3.78 cm. Slight mineralizations noted in both kidneys, non-obstructive.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.5 cm x 0.50 cm. The right adrenal gland measured 0.70 cm at the cranial pole and 0.36 cm at the caudal pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



PATIENT

Lotus Karlsson

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

5 Years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Mayra Sanchez

HOSPITAL NAME

Sunset Animal Hospital

REFERRING VET

Dr. Cristina Polit

INVOICE

71570

DATE

11/4/25

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

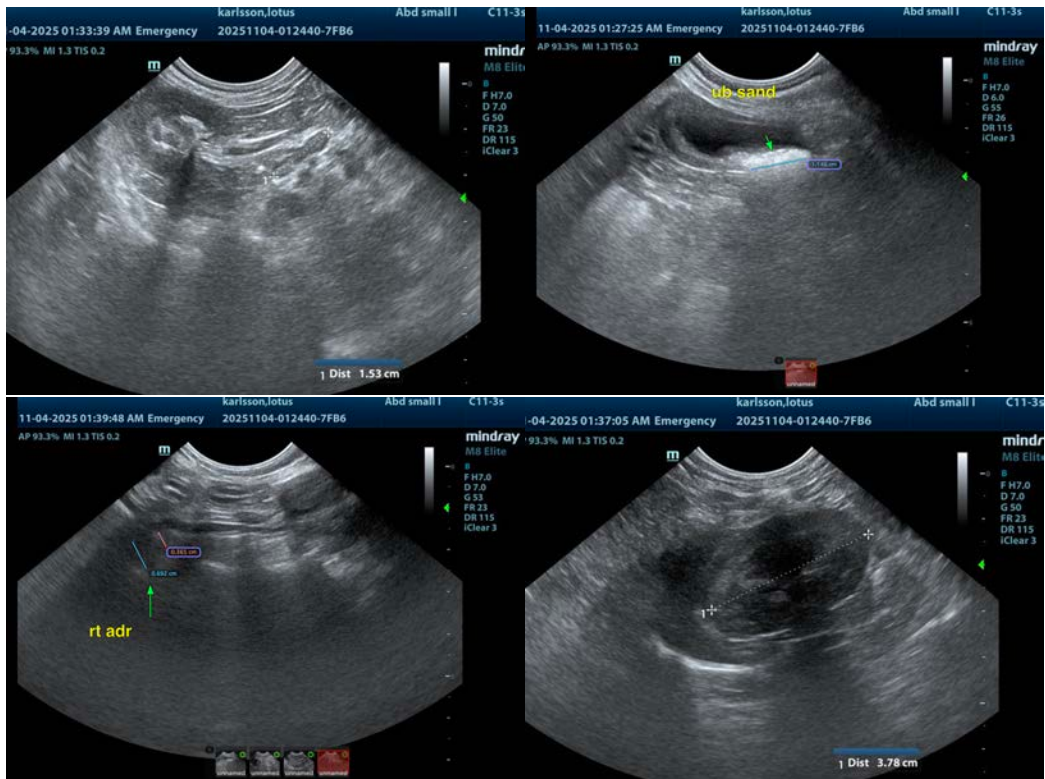
- Urinary bladder sand, most consistent with calcium oxalate.
- Minor renal mineralization.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of visceral pathology. Dissolution protocol recommended, or cystostomy with stone analysis and culture.

For an additional charge an internal medicine consult can be utilized through [Sonopath.com](http://sonopath.com). You can select the internal medicine drop down at <http://spa.sonopath.com/>.

One of the world's top internists & SonoPath associate Dr. Remo Lobetti BVSc, MMedVet, PhD, DECVIM can evaluate your case through SonoPath. <https://sonopath.com/resources/sonopath-services/internal-medicine-teleconsultation-services>





PATIENT

Lotus Karlsson

SPECIES

Canine

BREED

Maltese

SEX

Spayed Female

AGE

5 Years

WEIGHT

8.8 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Mayra Sanchez

HOSPITAL NAME

Sunset Animal Hospital

REFERRING VET

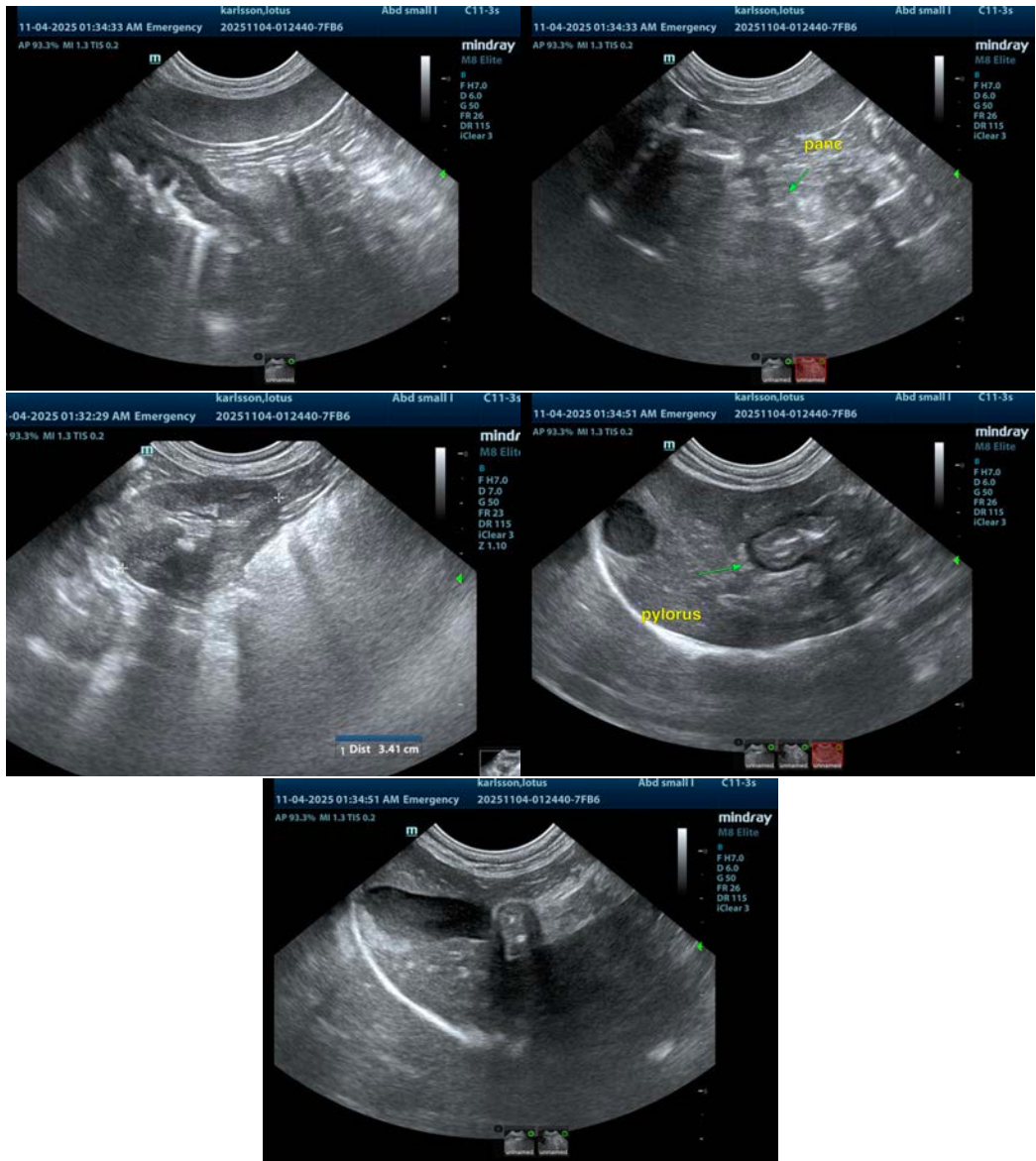
Dr. Cristina Polit

INVOICE

71570

DATE

11/4/25



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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,
CEO, Owner, Founder -- SonoPath.com
info@SonoPath.com