

IMAGING PERFORMED BY

IntraPet.com



SonoPath

Clinical Sonography & Telecytology

EDUCATIONAL TELECONSULTATION SERVICES™

1-800-838-4268 info@sonopath.com SonoPath.com

DATE

11/18/22

PATIENT

Nala Wight

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10/1/14

WEIGHT

5.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

**IMAGING
PERFORMED BY**

Rachel Brilhart RDMS

HOSPITAL NAME

Madonna Vet Clinic

REFERRING VET

Dr. Cangro

INVOICE

42866

PRESENTING CLINICAL SIGNS

Chronic blood in urine since September, diagnosed with hyperthyroidism in May.

Current Medications: Methimazole 2.5mg BID since May, Clavamox 44mg BID.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented a grouping of calculi measuring up to 7.0 mm as a grouping. A largest calculus measured 0.51 cm. The bladder wall was excessively thick at 0.36 cm, consistent with interstitial cystitis.

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 3.3 cm. The right kidney measured 3.0 cm with slight pinpoint mineralizations.

Adrenal Glands

The regions of the adrenal glands were unremarkable.

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** presented coarse architecture and minor increased portal markings. The gallbladder was unremarkable.

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 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

- Bladder calculi with interstitial cystitis pattern
- Minor hepatic remodeling

- Slight splenic enlargement
- Age related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenic and hepatic FNAs warranted for screening purposes. If benign, then cystotomy, stone analysis, bladder wall biopsy, and culture indicated. Suspect both mural bladder disease as well as urolithiasis.





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, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com