



PATIENT

Sealee Bohm

SPECIES

Canine

BREED

Border Collie

SEX

Spayed Female

AGE

13 Years

WEIGHT

51

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. DenHeyer

INVOICE

21914

DATE

4/7/23

PRESENTING CLINICAL SIGNS

History: Chronic UTI. Weight loss

Abnormal PE/Chem/CBC/UA Results: Urine culture pending.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented a large amount of sand, a grouping of which measured approximately 3.0 cm. Overdistention and suspended debris were present. The apical ventral bladder wall was mildly thickened.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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. Slight mineralization was noted. The right kidney measured 5.58 cm. The left kidney measured 6.14 cm.

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 2.15 cm x 0.38 cm.

Spleen

Subtle micronodular changes were noted throughout the **spleen**, nondisruptive.

Liver

The **liver** revealed mildly disruptive, multifocal, hypoechoic nodular changes throughout the liver. The liver parenchyma was mildly hyperechoic to falciform fat otherwise. The gallbladder and common bile duct were 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 sand and chronic cystitis pattern



PATIENT

Sealee Bohm

- Pronounced nodular hyperplasia splenic and hepatic patterns with potential for underlying neoplasia
- Age-related renal changes with mineralization

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of both the spleen and liver is recommended as a screening process. Cystotomy, sand analysis and culture, apical bladder wall biopsy and urethral and bladder flushing are all indicated

BREED

Border Collie

SEX

Spayed Female

AGE

13 Years

WEIGHT

51

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

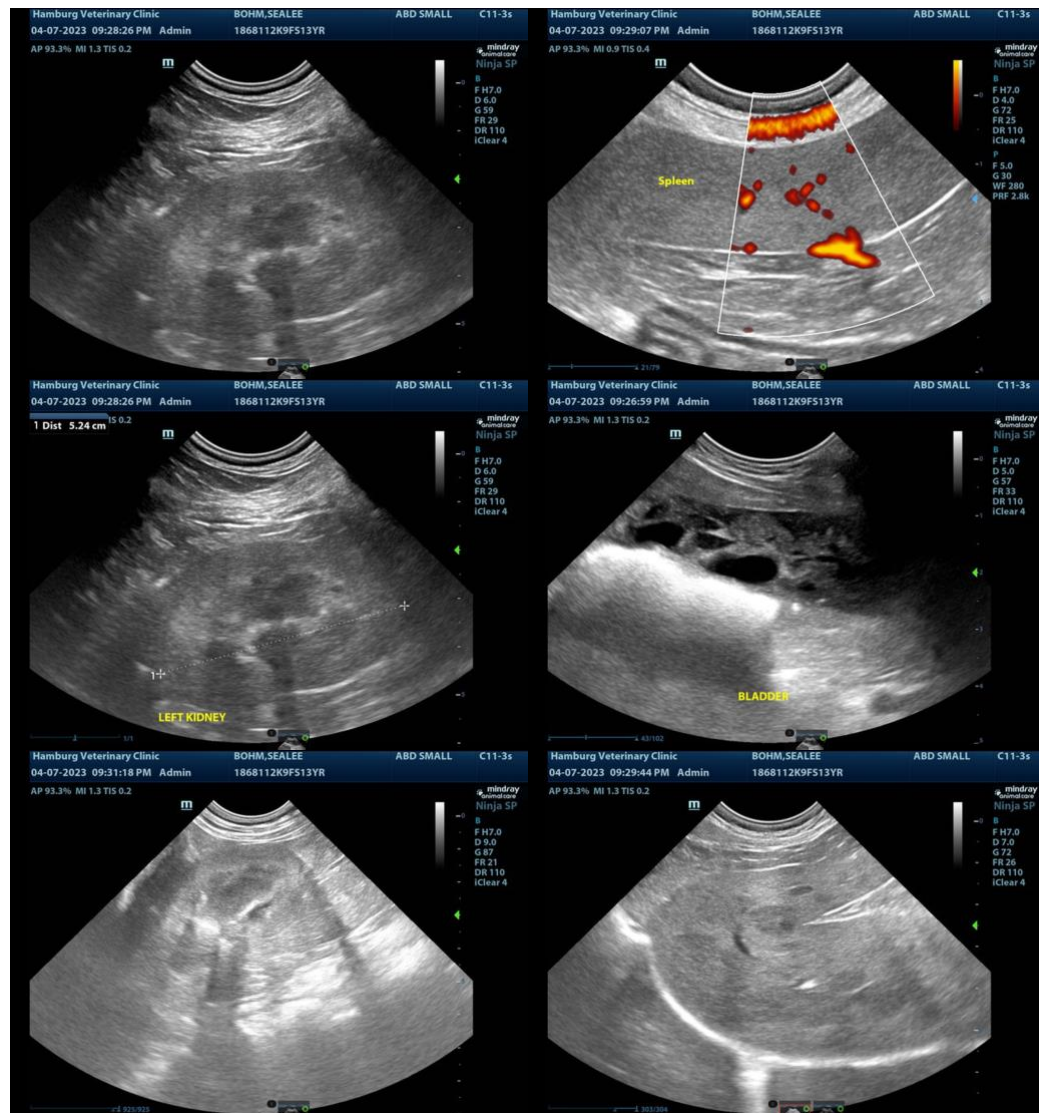
Dr. DenHeyer

INVOICE

21914

DATE

4/7/23





PATIENT

Sealee Bohm

SPECIES

Canine

BREED

Border Collie

SEX

Spayed Female

AGE

13 Years

WEIGHT

51

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

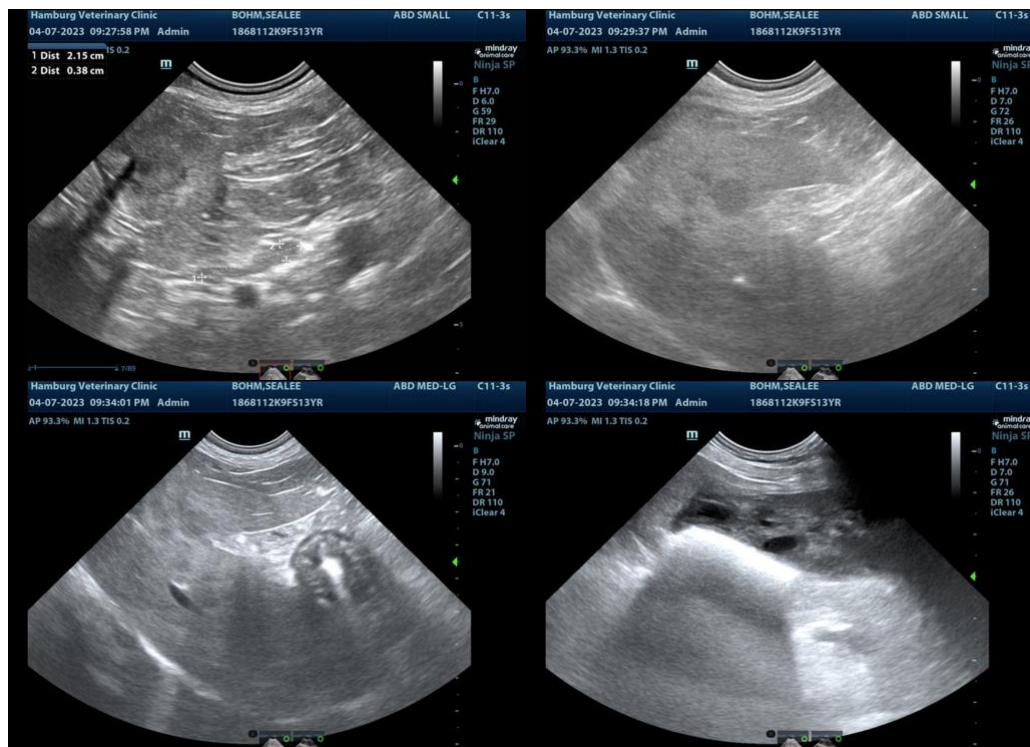
Dr. DenHeyer

INVOICE

21914

DATE

4/7/23



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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com