



PATIENT PRESENTING CLINICAL SIGNS

Harley Kremp

History: Harley present for dental cleaning today. During cleaning, two red blister-like masses were noted on the lips. On further inspection, more red, blister-like lesions were noted on the caudal ventral abdomen. Biopsies were taken of these lesions. Flash US suspicious for splenic mass, so full US performed. Thoracic radiographs are clear.
Abnormal PE/Chem/CBC/UA Results: CBC/CHEM/UA/T4 are WNL.

SPECIES

Canine

BREED

PitBull

SEX

Spayed Female

AGE

10 years

WEIGHT

68 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Velasco

INVOICE

31054

DATE

6/16/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The kidneys measured 6.0 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 0.5 cm. The right adrenal gland measured 0.8 cm.

Spleen

The **spleen** in this patient revealed an expansive mass that measured approximately 2.0 cm with hypoechoic tissue with surrounding heterogenous to hyperechoic changes around the hypoechoic nodule/mass.

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.



PATIENT

Gastrointestinal

Harley Kremp

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.

SPECIES

Canine

BREED

PitBull

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.

SEX

Spayed Female

Heart

Rapid view of the heart revealed no evidence of pathology.

AGE

10 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

68 lbs

Splenic mass.

Otherwise, geriatric abdomen.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

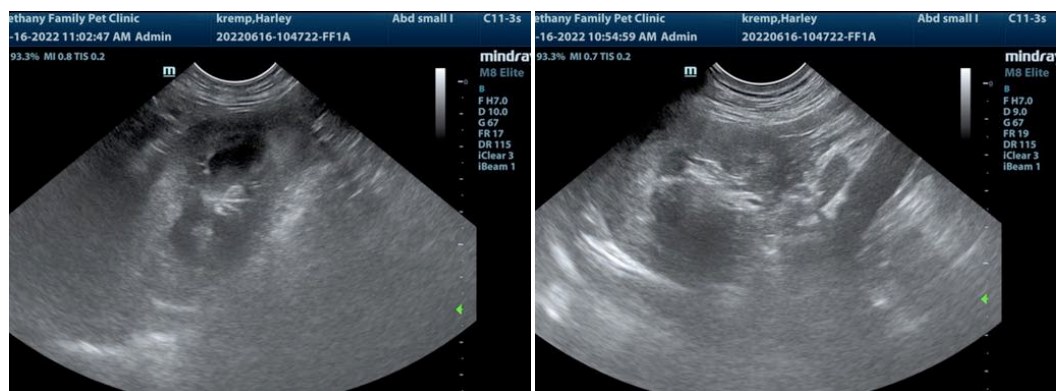
Rapid view of the heart is recommended to assess SDEP position 3 to assess right auricular status as well as any evidence of pericardial effusion. Chest radiographs are indicated. Splenectomy, liver inspection and biopsy are indicated. Emerging hemangiosarcoma is a strong potential. Round cell neoplasia, benign hyperplasia and abscessation are all possible. However, I strongly recommend splenectomy in this patient.

IMAGING PERFORMED BY

Dr. Velasco

HOSPITAL NAME

Bethany Family PC



REFERRING VET

Dr. Velasco

INVOICE

31054

DATE

6/16/22



PATIENT

Harley Kremp

SPECIES

Canine

BREED

PitBull

SEX

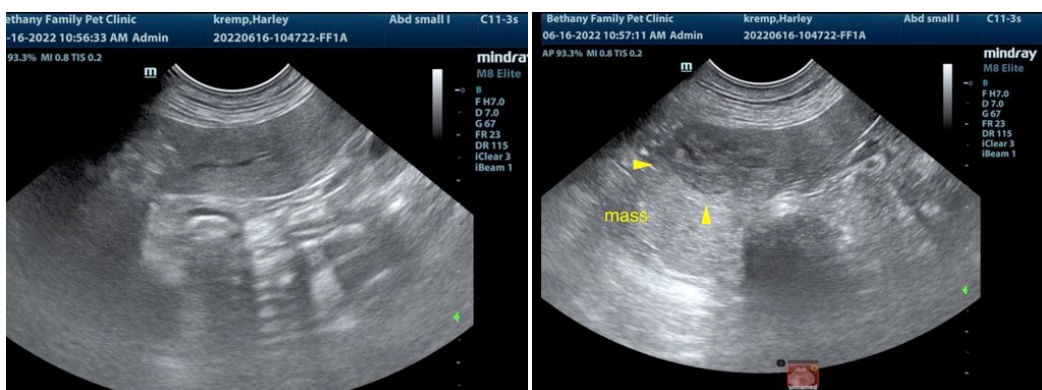
Spayed Female

AGE

10 years

WEIGHT

68 lbs



SEX

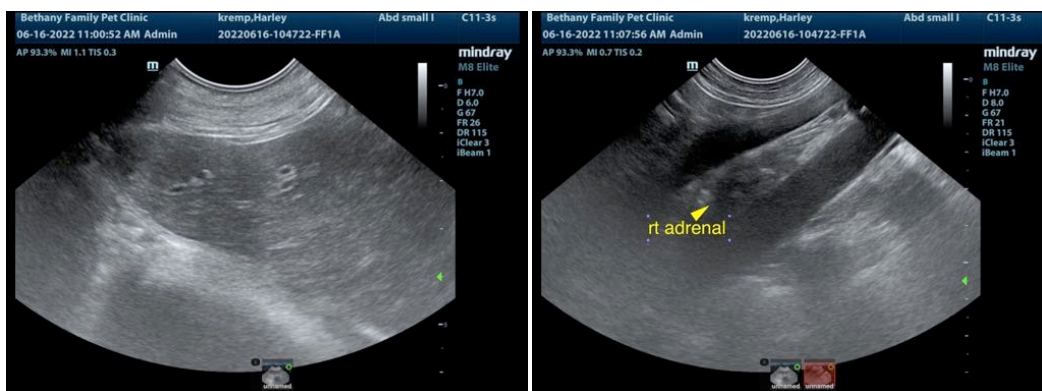
Spayed Female

AGE

10 years

WEIGHT

68 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Velasco

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Velasco

INVOICE

31054

DATE

6/16/22

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