



PATIENT

Charley Weiss

SPECIES

Canine

BREED

Lab Mix

SEX

Neutered Male

AGE

9.5

WEIGHT

87

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Christensen

HOSPITAL NAME

Tranquility VC

REFERRING VET

Christensen

INVOICE

22912

DATE

6/15/23

PRESENTING CLINICAL SIGNS

History: Presented for ADR on Monday. Threw up Friday night and was restless. Mentation seemed fine Saturday but wouldn't eat breakfast and ran outside with diarrhea. Gave Cerenia (refill). Will give occasionally for nausea. Sunday ate and seemed fine. Stool normal Sunday. Found another bump under left side of collar, feels similar to mass that dog had previously removed (Mast cell tumor). Back end seeming weak. Dog has a history of tonsillar Mast cell tumor and cutaneous Mast cell tumor. On Gabapentin, Carprofen, Benadryl and Omeprazole.

Abnormal PE/Chem/CBC/UA Results: Normal BW. Here for surgery today to have two cutaneous masses removed and owner requested 3 view chest x-ray and abdominal U/S.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. 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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

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 right kidney measured 7.18 cm. The left kidney measured 6.84 cm. Slight cortical mineralizations were noted.

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 2.14 cm x 0.48 cm at the cranial pole and 0.5 cm at the caudal pole. The right adrenal gland measured 2.25 cm x 0.56 cm at the cranial pole and 0.74 cm at the caudal pole.

Spleen

The **spleen** was normal size and relatively normal contour with minor multifocal hyperechoic areas of mineralization. This is a benign change; however, can be related to Cushing's disease or other endocrinopathies.

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



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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.

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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.

BREED

Lab Mix

ULTRASONOGRAPHIC FINDINGS

- Minor nonspecific renal and splenic mineralizations

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Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of mast cell disease or other significant pathology.

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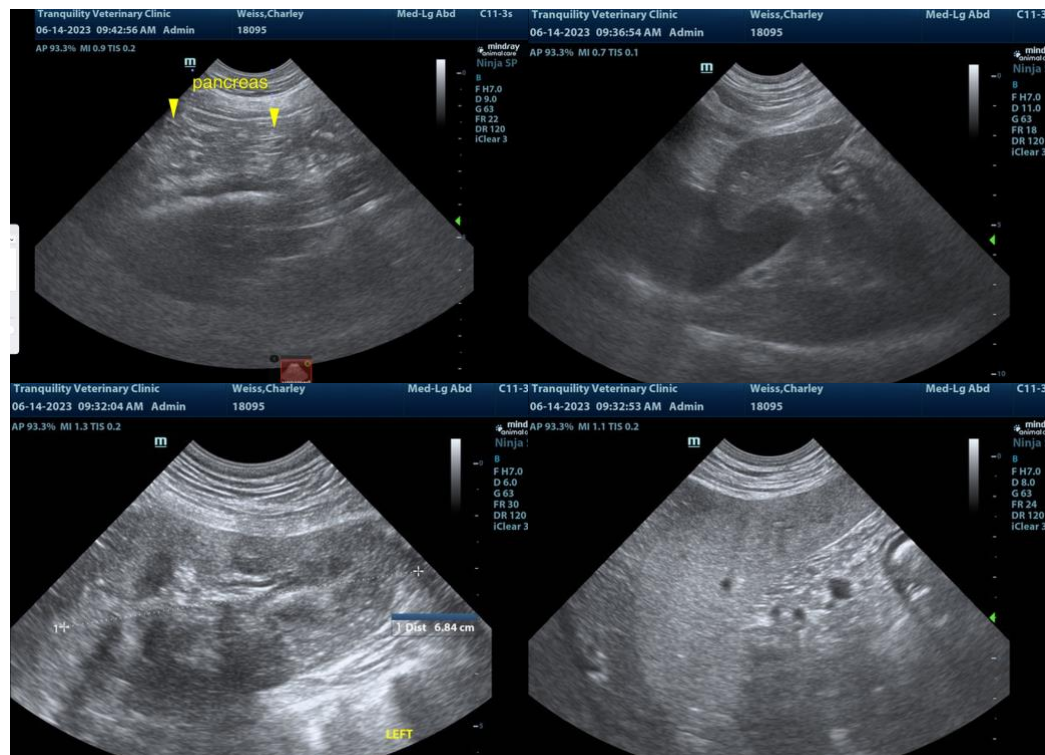
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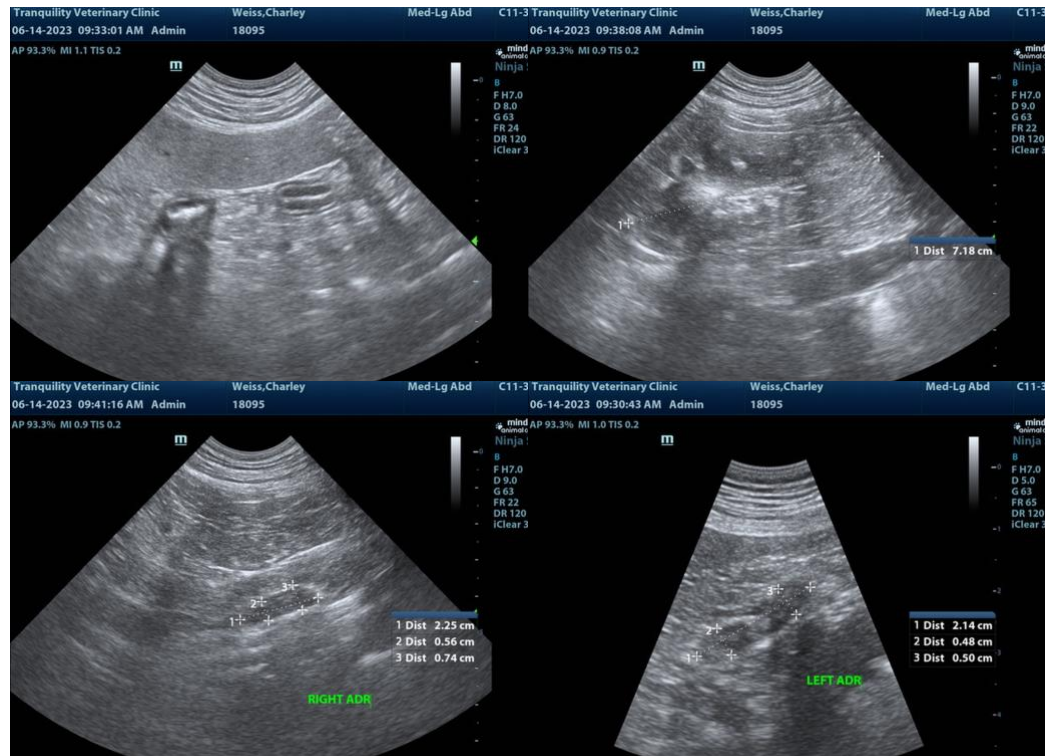
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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