



PATIENT PRESENTING CLINICAL SIGNS

Carly Pontz History: Evaluate for pre-operative exam for mass removal on foot - bloodwork showed elevated liver enzymes, recommend abdominal ultrasound as next step evaluation prior to anesthesia.
Abnormal PE/Chem/CBC/UA Results: HCT 33% (38-56) SDMA 18 (0-14) ALT 403 (18-121) ALP 872 (5-160) Amylase 1930 (337-1469) Lipase 342 (0-250)

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED Urinary System

Boxer

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 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.

SEX

Spayed Female

AGE

11 years

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 right kidney measured 7.6 cm. The left kidney measured 6.4 cm.

WEIGHT

67 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 3.6 x 0.87 cm at the cranial pole and 0.88 cm at the caudal pole. The right adrenal gland measured 2.4 x 1.3 cm at the cranial pole and 0.8 cm at the caudal pole.

IMAGING PERFORMED BY

Jack Reese

Spleen

HOSPITAL NAME

Willow Run VC

The **spleen** revealed a complex, mixed, hypoechoic expansive parenchymal mass with other nodular changes. Other target lesions were noted in the spleen. Reactive mesentery was noted around the spleen.

REFERRING VET

Dr. Davies

Liver

INVOICE

97735

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.

DATE

3/23/22



PATIENT

Carly Pontz

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. The iliac lymph node was enlarged and measured 2.0 x 0.8 cm. Other smaller lymph nodes were slightly enlarged.

SPECIES

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BREED

Boxer

SEX

Spayed Female

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.

AGE

11 years

ULTRASONOGRAPHIC FINDINGS

Infiltrative splenic mass and nodules.

Iliac lymphadenopathy.

WEIGHT

67 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Splenectomy could be considered; however, spread to other lymph nodes is likely given the minor anemia. Bone marrow aspirate may be appropriate. Chest radiographs are indicated. FNA of the spleen and lymph node is recommended for confirmation of suspected round cell neoplasia.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jack Reese

HOSPITAL NAME

Willow Run VC

REFERRING VET

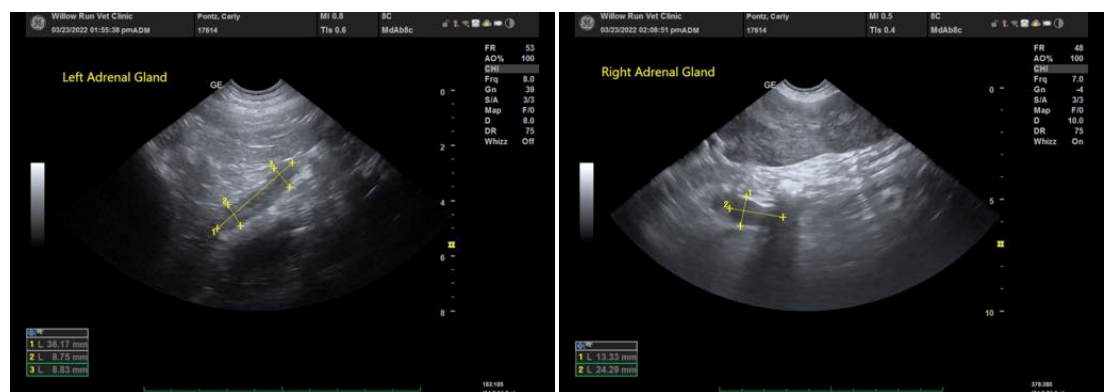
Dr. Davies

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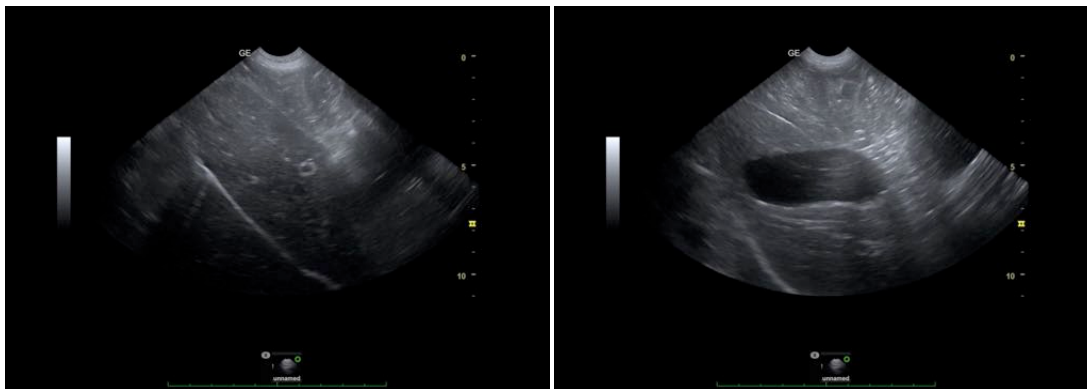
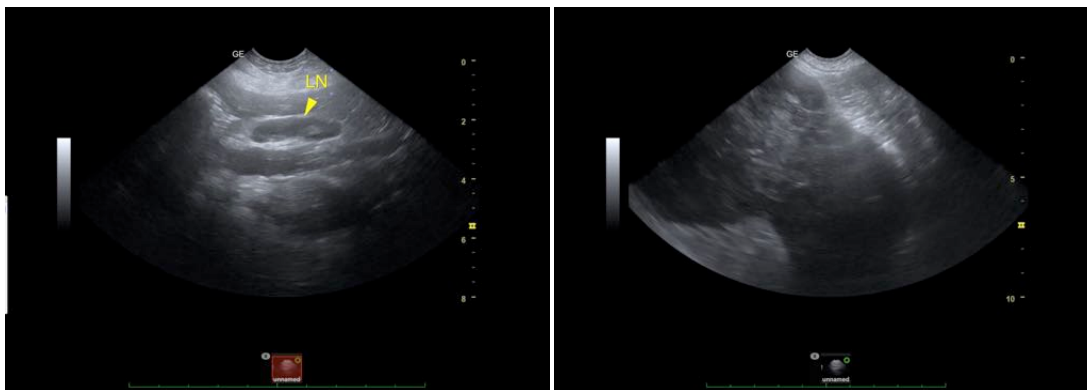
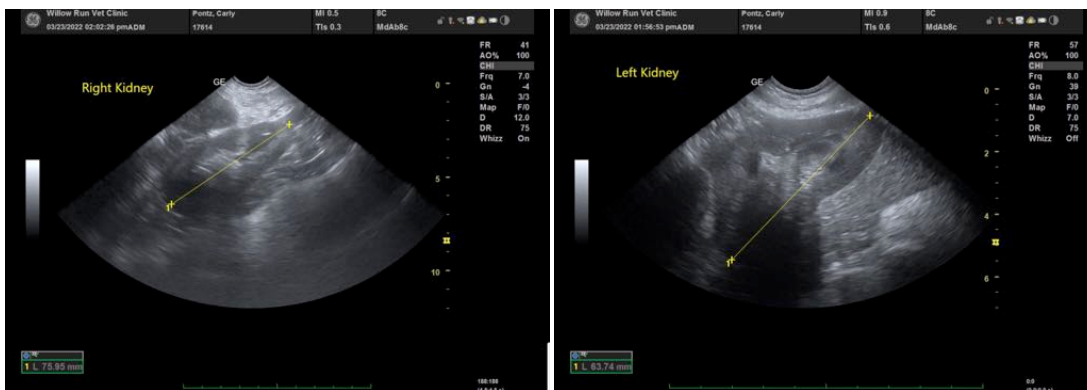
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PATIENT

Carly Pontz

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.

SPECIES

Canine

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.

BREED

Boxer

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

SEX

Spayed Female

AGE

11 years

WEIGHT

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