



PATIENT

Nutmeg Pipher

SPECIES

Canine

BREED

Pitbull

SEX

Spayed female

AGE

10 years

WEIGHT

51.2 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Melissa DaSilva

HOSPITAL NAME

Pocono Peak VC

REFERRING VET

Dr. Norris Carney

INVOICE

32767

DATE

9/7/22

PRESENTING CLINICAL SIGNS

History: Patient seen 8/22 and 9/6 for having vomiting, lethargy, muscle wasting and inappetence. Radiographs on 12/31/21 showed an aggressive osteolytic/osteoproliferative lesion of the right proximal humerus with surrounding soft tissue swelling and intramuscular calcification. Right-front limb amputation 1/22/22. Histopathology confirmed chondroblastic osteosarcoma with negative lymph node. Thoracic radiographs nonremarkable at that time. February 3rd started chemotherapy with carboplatin, "which will be given as an IV injection once every 3 weeks for 6 treatments. We will plan to recheck chest X-rays on the day of the 4th treatment, then every 3 months thereafter." Thoracic radiographs clear at oncology referral 7/7/22.
Abnormal PE/Chem/CBC/UA Results: Elevations: RBC 8.94 M/ μ L, Decreased: Retic-hgb 19.9pg, EOS 0.03 K/ μ L, PLT 96; Chemistry WNL

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 was noted. Ureteral papillae were normal.

The left kidney revealed a complex 10.5 cm parenchymal and cystic mass with irregular contour. The renal mass appears to expand into the retroperitoneal space. The right kidney measured 7.0 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

Spleen

The **spleen** was mildly enlarged with slight irregular contour. The splenic vascularity appeared normal.

Liver

The **liver** was swollen, irregular, heterogenous and had an overt mass that occupied the left liver. Regional inflammation was present. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident.

Gastrointestinal

A separate mass was noted in the region of the **stomach**. The mass is undifferentiated and unrecognizable. Regional inflammation was noted in the cranial abdomen.



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Pancreas

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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.

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Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Pitbull

Multi-centric round cell neoplasia involving the left kidney, stomach, and liver.

SEX

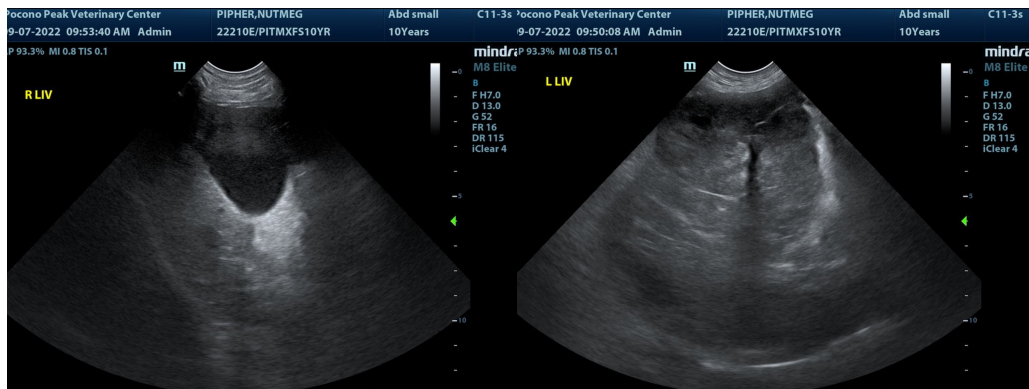
Spayed female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multi-centric FNA is recommended with immediate chemotherapy protocol or humane euthanasia.

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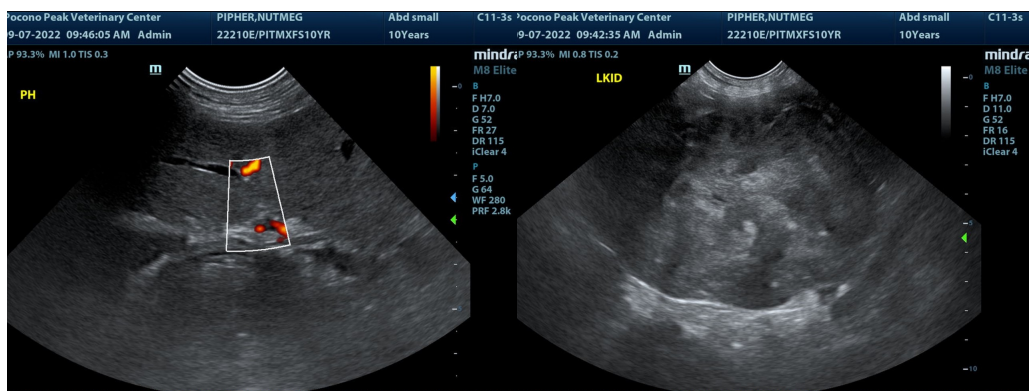


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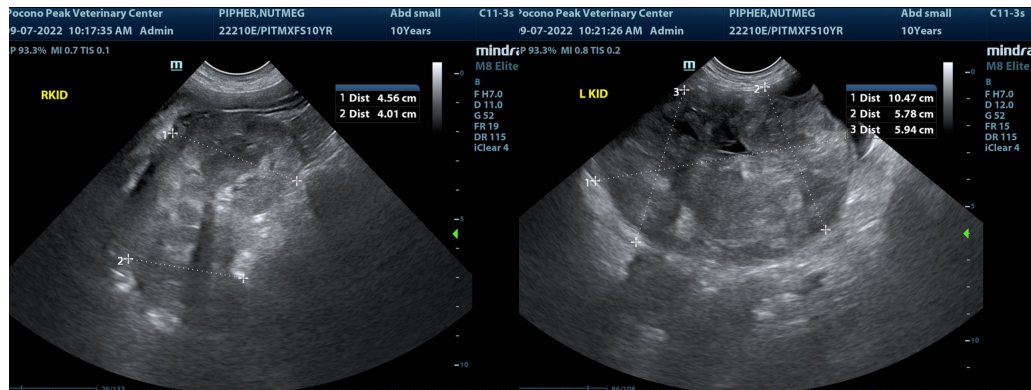
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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