



PATIENT

Tango Maden

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered Male

AGE

4 Years

WEIGHT

48 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Callihan

HOSPITAL NAME

Animal Emergency
Care

REFERRING VET

Dr. Ryan

INVOICE

33272

DATE

12/5/21

PRESENTING CLINICAL SIGNS

Presented on ER last night for shortness of breath, decrease appetite and attitude; has had enlarged submandibular lymph node recently biopsied as reactive; Radiographs showed mild amt pleural effusion and possible mediastinal mass vs mediastinal lymph nodes.

Abnormal PE/Chem/CBC/UA Results: BCS 7/9; Right prescap node enlarged 5 cm diam, mild increase size left submandibular node; other peripheral nodes normal; mild increase in resp rate. Labs pending w primary care

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed a small amount of sand, measuring 4.0 mm. The bladder wall itself and urethra were unremarkable.

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 8.36 cm. The left kidney measured 7.7 cm.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

The **spleen** was enlarged with scalloping contour and subtle micronodular changes.

Liver

The **liver** was normal in size with increased portal markings and slight irregular contour. Hepatic lymph nodes were enlarged, rounded and hypoechoic.

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.

Free Abdomen

An enlarged, hypoechoic, 3.3 cm x 1.5 cm iliac lymph node was noted. Multiple mesenteric lymph nodes masses were noted up to 10 cm x 5 cm. Multiple other lymph nodes were enlarged, rounded and hypoechoic with disrupted architecture.

The cranial mediastinum revealed a lymph node mass measuring 6+ cm, impinging upon the cranial mediastinal vasculature and heart. Slight pleural effusion noted. Other smaller lymph nodes were enlarged.



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ULTRASONOGRAPHIC FINDINGS

- Multicentric lymphoma pattern

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound guided FNA of the any of the accessible lesions should prove effective in definitive diagnosis. Immediate chemotherapeutic intervention recommended.

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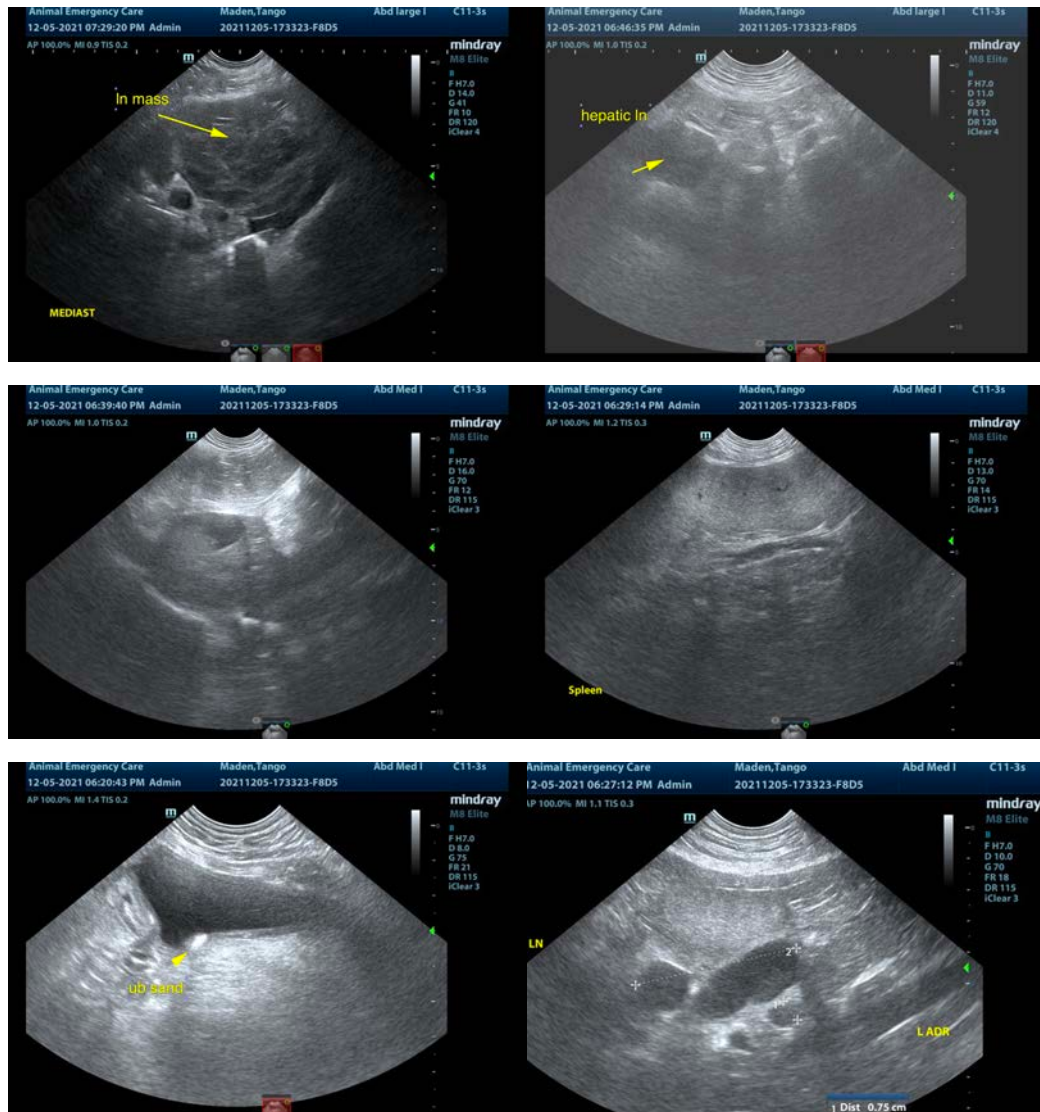
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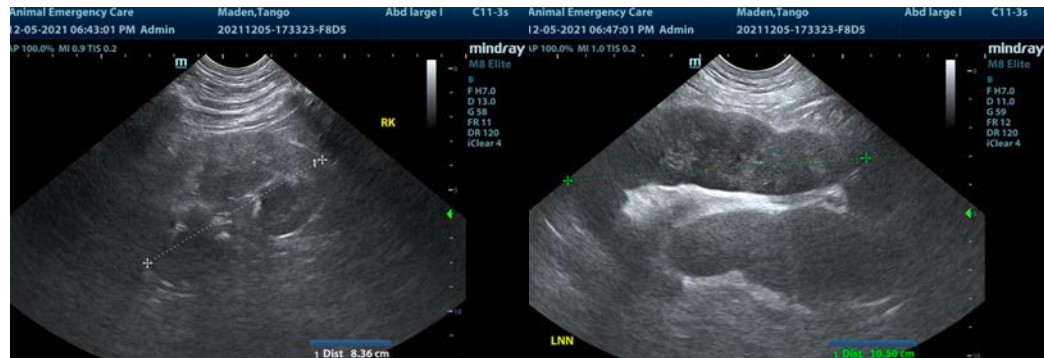
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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