



PATIENT PRESENTING CLINICAL SIGNS

Benji Guevara History: Screening for metastasis. History of mass removal in right inguinal area.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine

Urinary System

BREED

The urinary bladder is minimally distended with anechoic urine. The bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

Shih Tzu

SEX

The prostate is normal in size (0.91cm) and shape for this neutered male dog. The parenchyma is homogenous and the external margins are smooth. The prostatic urethra appears normal with no evidence of irregularity, invasion, mass effect or calculi.

Neutered male

AGE

The left kidney has a normal shape and size (4.64 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

9 years

WEIGHT

The right kidney has a normal shape and size (5.05 cm). Overall echogenicity is normal with adequate corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

21.6 lbs

INTERPRETED BY

Adrenal Glands

Kathleen Sennello
DVM, MS, Diplomate
ACVIM (Small Animal
Internal Medicine)

The left adrenal gland is normal in size measuring 0.47 cm at the caudal pole It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

IMAGING PERFORMED BY

The right adrenal gland is normal in size measuring 0.44 cm at the caudal pole It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

Kelly Vazquez , CVT

HOSPITAL NAME

Spleen

Animal Paradise
Hospital

The spleen is subjectively normal in size. The spleen echotexture is heterogenous and mottled, the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. There is a 1.01 x 1.69 cm hypoechoic, partially cavitated appearing nodule visualized and deforms the splenic capsule.

REFERRING VET

Dr. Elshafie

INVOICE

Liver

92584

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed. The gallbladder lumen is moderately distended.

DATE

10/22/21



PATIENT

The wall of the gallbladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

Benji Guevara

SPECIES

Gastrointestinal

Canine

The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

BREED

Shih Tzu

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (between 0.3-0.5cm in wall thickness) and the jejunum measured as normal (between 0.2-0.47cm.)

SEX

Neutered male

Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

AGE

9 years

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

WEIGHT

21.6 lbs

Pancreas

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

INTERPRETED BY

Free Abdomen

Kathleen Sennello
DVM, MS, Diplomate
ACVIM (Small Animal
Internal Medicine)

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

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Heart

Kelly Vazquez, CVT

A brief view of the heart was submitted. No pericardial effusion was seen.

HOSPITAL NAME

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ULTRASONOGRAPHIC FINDINGS

REFERRING VET

PRIMARY FINDINGS:

Dr. Elshafie

Hypoechoic splenic nodule, which deforms the capsule. This is less likely a metastatic lesion and most likely a primary splenic lesion, but histopathology is necessary to confirm. Differentials include neoplasia (hemangiosarcoma, hemangioma, lymphoma, etc), hematoma, abscess, other.

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SPECIES

Canine

BREED

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Neutered male

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REFERRING VET

Dr. Elshafie

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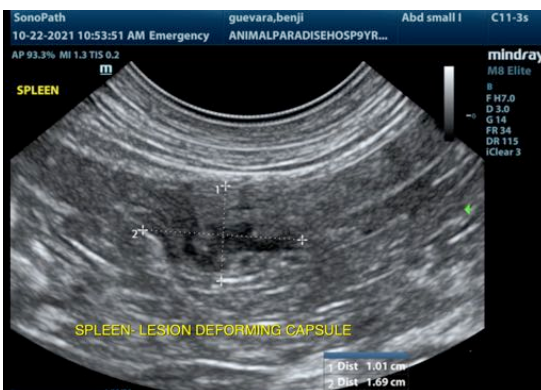
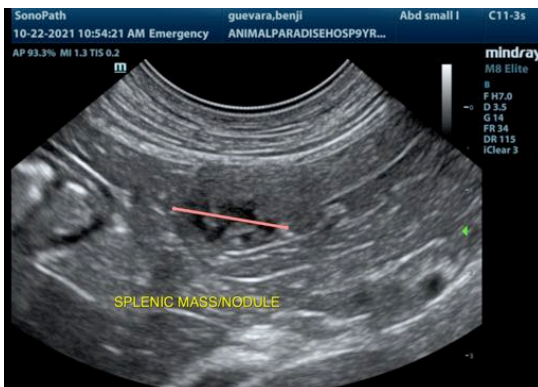
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No lesions are visualized in the liver and a single, hypoechoic nodule is visualized in the spleen. This nodule deforms the splenic capsule, which increases concern for a possible neoplastic process. I recommend three view thoracic radiographs. Options moving forward include either a splenectomy for both diagnostic and therapeutic purposes or you can consider a FNA.





PATIENT

Benji Guevara

SPECIES

Canine

BREED

Shih Tzu

SEX

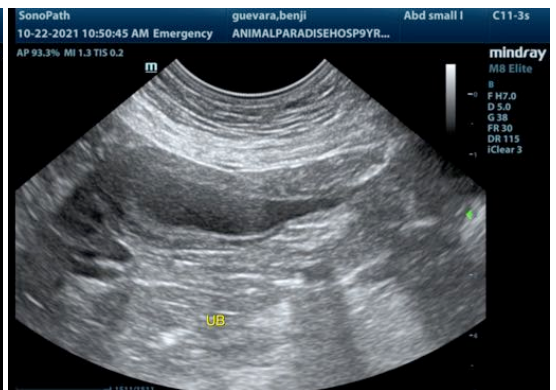
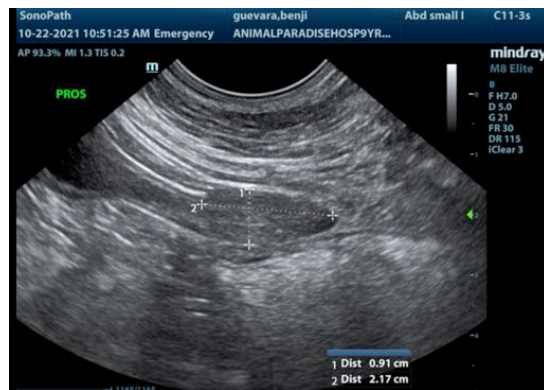
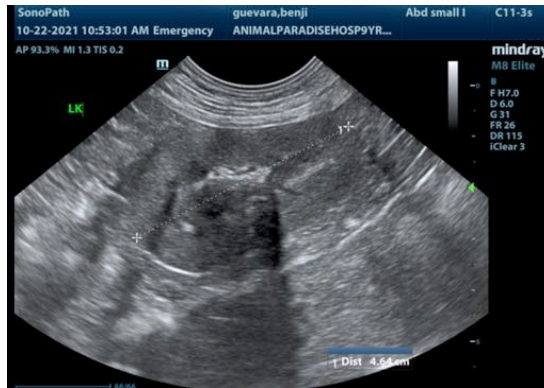
Neutered male

AGE

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WEIGHT

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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.

IMAGING PERFORMED BY

Kelly Vazquez, CVT

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)

kathleen.sennello@sonopath.com

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