



PATIENT PRESENTING CLINICAL SIGNS

Bella Jenkins Abdominal mass, course edema, lameness last night. Current meds: Gabapentin 100mg BID
Abnormal PE/Chem/CBC/UA Results: CBC- unremarkable. Alb 2.2, ALT154

SPECIES Radiographs: Hepatomegaly in cranial abdomen

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Mix

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 1.0 cm beyond the cystourethral junction. The iliac trifurcation was unremarkable.

SEX

Spayed Female

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 5.0 cm. Mineralization noted in both kidneys, non-obstructive. The left kidney measured 4.81 cm.

AGE

12 Years

WEIGHT

19.2 Pounds

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 1.88 cm x 0.71 cm at the caudal pole and 0.5 cm at the cranial pole. The right adrenal gland measured 1.61 cm x 1.23 cm at the cranial pole and 0.55 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted. The spleen was impinged upon by an extensive hepatic mass, deviating it caudally.

IMAGING PERFORMED BY

Jessica Miller

Liver

A **hepatic mass** was noted measuring approximately 10+ cm with enhanced surrounding mesentery. The mass appears to be deriving from the left medial aspect of the liver. The cranial liver was unremarkable. Minor gallbladder sand noted. Hepatic lymphadenopathy noted, which would likely render this a non-surgical presentation. However, CT evaluation warranted for potential surgical planning. The mass overlies the pancreas. I cannot rule out pancreatic origin. Regional free fluid noted.

HOSPITAL NAME

North Jersey AH

REFERRING VET

Dr. Riedel

INVOICE

29781

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

DATE

11/12/21



PATIENT

Bella Jenkins

infiltrative disease was noted. No associated abnormal lymphatic activity was noted. The gastrointestinal tract was deviated by the hepatic mass.

Pancreas

SPECIES

Canine

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED

Mix

ULTRASONOGRAPHIC FINDINGS

- Left cranial hepatic mass overlying the pancreas with minor hepatic lymphadenopathy

SEX

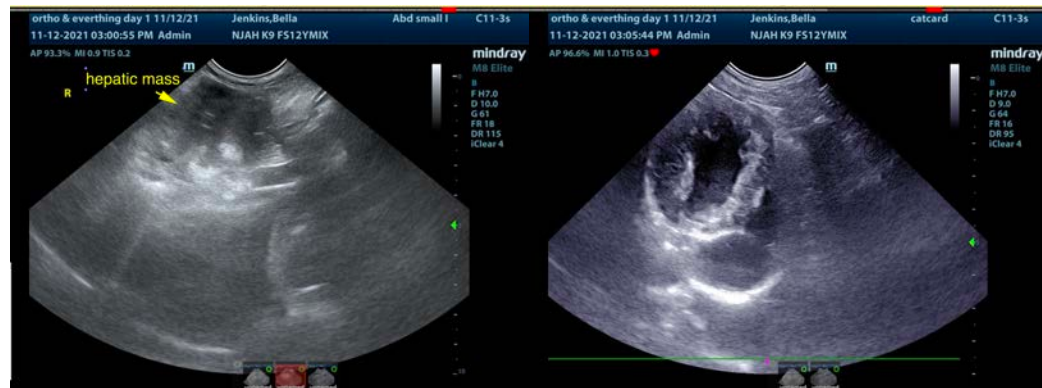
Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT evaluation +/- ultrasound guided FNA warranted for further definition. Prognosis is guarded.

AGE

12 Years



WEIGHT

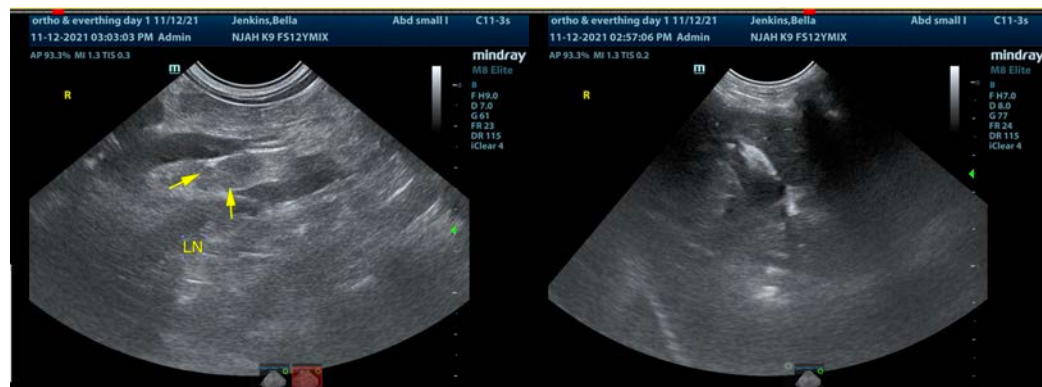
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Spayed Female

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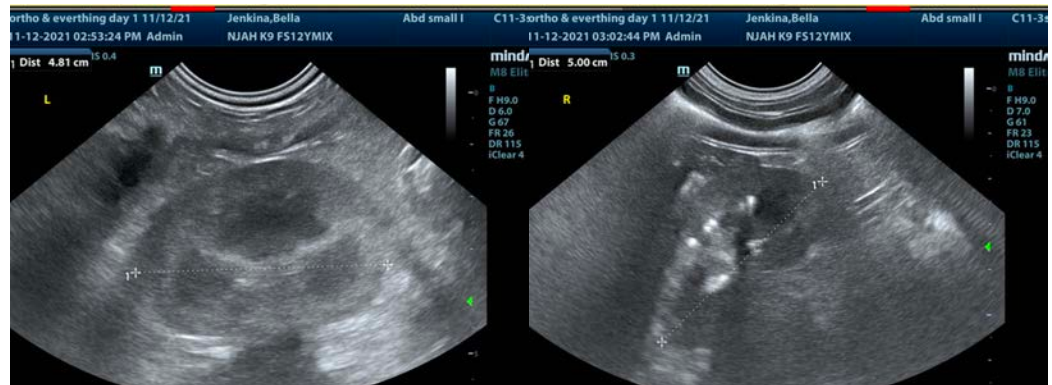
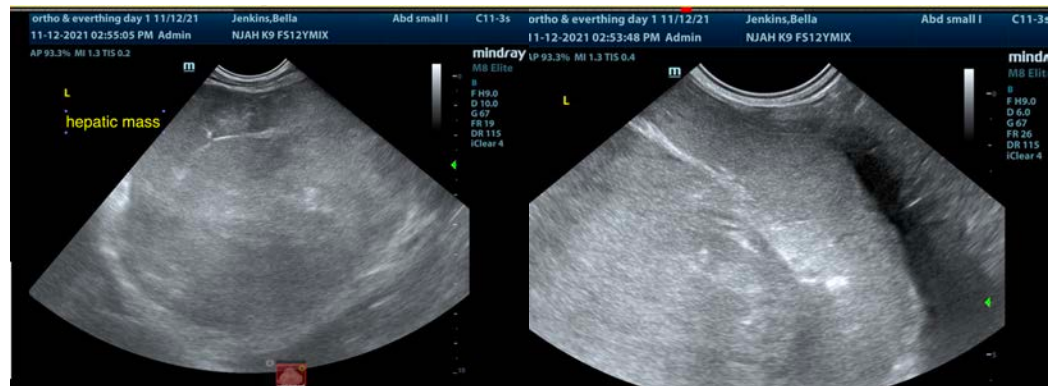
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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