

**DATE**

12/31/21

PRESENTING CLINICAL SIGNS

History: Over the past month P has woken up O multiple times between 3-6am, 5-6 times total, bm overnight 2-3 times in house - normal bms, While Mr was away over the holiday and staying with father, P woke him up twice around 3am and would lay in the grass and not come back inside, had to use leash and treats to get inside. Last night P woke up around 3am and was acting scared, pacing and ears tucked back like how she acts when she hears a scary noise.

PATIENT

Roxy Hartman

SPECIES

Canine

Lab Results: 9/18 alkp (H) 348.

Radiographs: Quicksan on 12/30 showed possible nodule/mass near left kidney/spleen.

Date of Previous IntraPet Ultrasound: No previous IntraPet scans.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Andi Parkinson, RDMS.

BREED

Golden Retriever

Mixed Breed

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Spayed Female

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

AGE

5/1/11

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some minor 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. Slight pinpoint mineralization noted in the left kidney. The left kidney measured 6.33 cm. The right kidney measured 6.72 cm.

WEIGHT

71.5 Lbs.

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 2.97 cm x 0.5 cm at the cranial pole and 0.58 cm at the caudal pole. The right adrenal gland measured 2.38 cm x 0.77 cm at the caudal pole and 0.7 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Spleen

The **spleen** revealed a moderately complex parenchymal mass (6.0 cm x 4.26 cm). Regional inflammation was noted around the splenic mass.

HOSPITAL NAME

Perry Hall AH

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some moderate age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. Nodular changes were noted in the liver without cavitation, however, micrometastasis cannot be ruled out.

REFERRING VET

Dr. Baer

INVOICE

13266

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.

Other

A rapid view of the **heart** revealed no evident pathology in the right auricle.

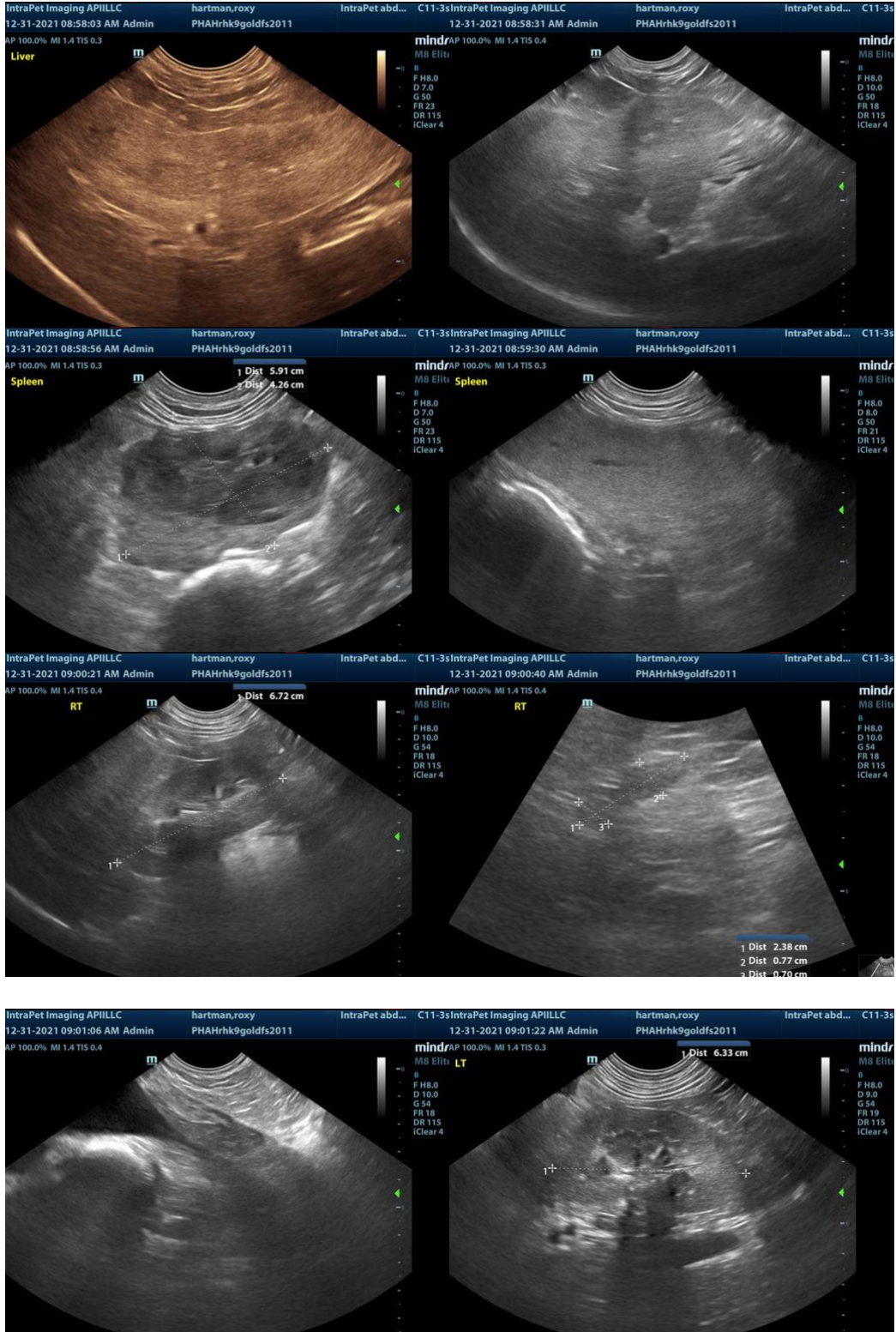
ULTRASONOGRAPHIC FINDINGS

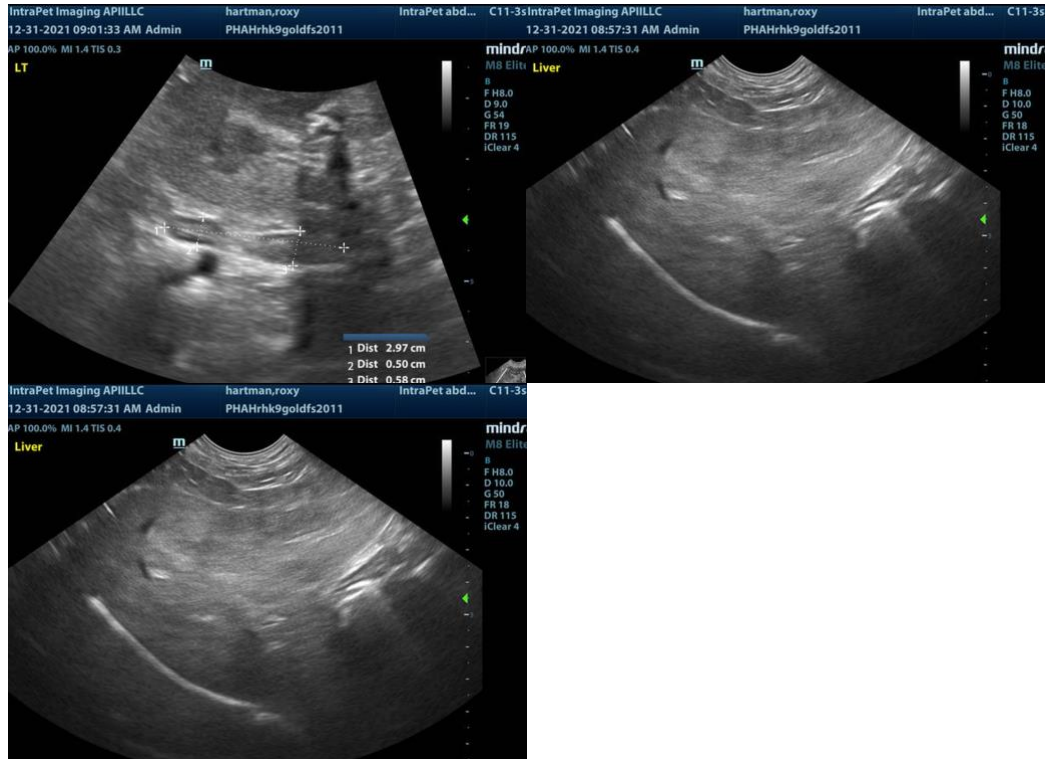
- Splenic mass
- Liver nodules
- Age-related renal changes with mineralization

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the splenic mass and liver nodules recommended to assess for metastatic disease. If the liver is free of evident pathology, an attempt at surgical resection of the splenic mass could be considered, however, extension into regional omentum is an issue. Likely sarcoma. Hemangiosarcoma or round cell neoplasia can present in this fashion. Otherwise, direct splenectomy and liver inspection and biopsy would also be valid if chest radiographs are free of evident pathology.







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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