

**DATE PRESENTING CLINICAL SIGNS**

8/11/23 History: Enlarged abdomen.

PATIENT

Lock Wise

Current Medications: None
 Lab Results: See attached.
 Radiographs: Enlarged spleen.
 Date of Previous IntraPet Ultrasound: No previous.
 Sedation: Not required to complete full diagnostic ultrasound.
 Stat Report: Not requested.
 Imaging Performed By: Stephanie Warga RDCS, RVT.

SPECIES

Ferret

BREED

Ferret

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**SEX**

Neutered Male

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.

AGE

3/18/18

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. The left kidney measured 3.3 cm. The right kidney measured 3.05 cm.

WEIGHT

1431 gm

Adrenal Glands

The **left adrenal gland** was mildly enlarged, measuring 0.6 cm.

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS

The **right adrenal gland** was 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 right adrenal gland measured 4.0 mm.

HOSPITAL NAME

Chadwell AH

Spleen

The **spleen** was enlarged with scalloping contour and folded upon itself.

REFERRING VET

Dr. Gold

Liver

The **liver** revealed coarse architecture and increased portal markings. The hepatic veins were dilated. The gallbladder and common bile duct were unremarkable.

INVOICE

23912

Gastrointestinal

The **stomach** revealed progressively shadowing luminal content, consistent with possible hair accumulation or postprandial changes. The small intestine and colon were unremarkable.

Pancreas

A hypoechoic nodule was noted in the left **pancreatic** limb, consistent with hyperplasia, overlying lymph node or a possibility of insulinoma (if hypoglycemia develops).

Free Abdomen

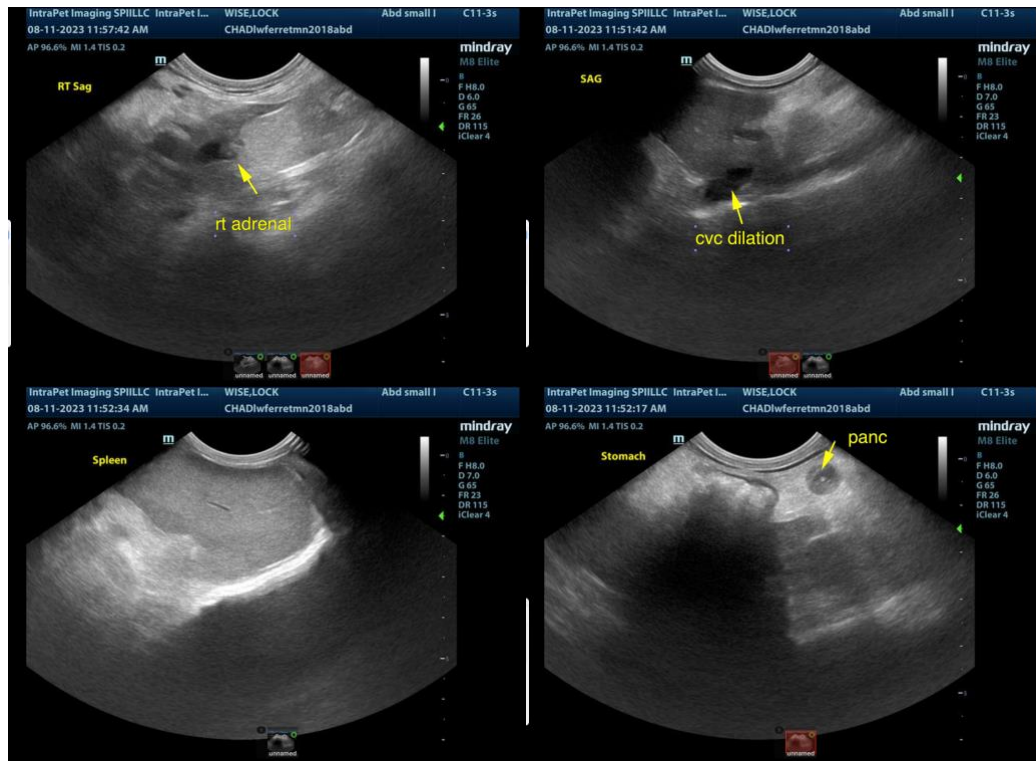
Epigastric **lymph node** measured 0.8 cm x 0.63 cm, rounded and hypoechoic. Mesenteric lymph nodes were slightly enlarged as well.

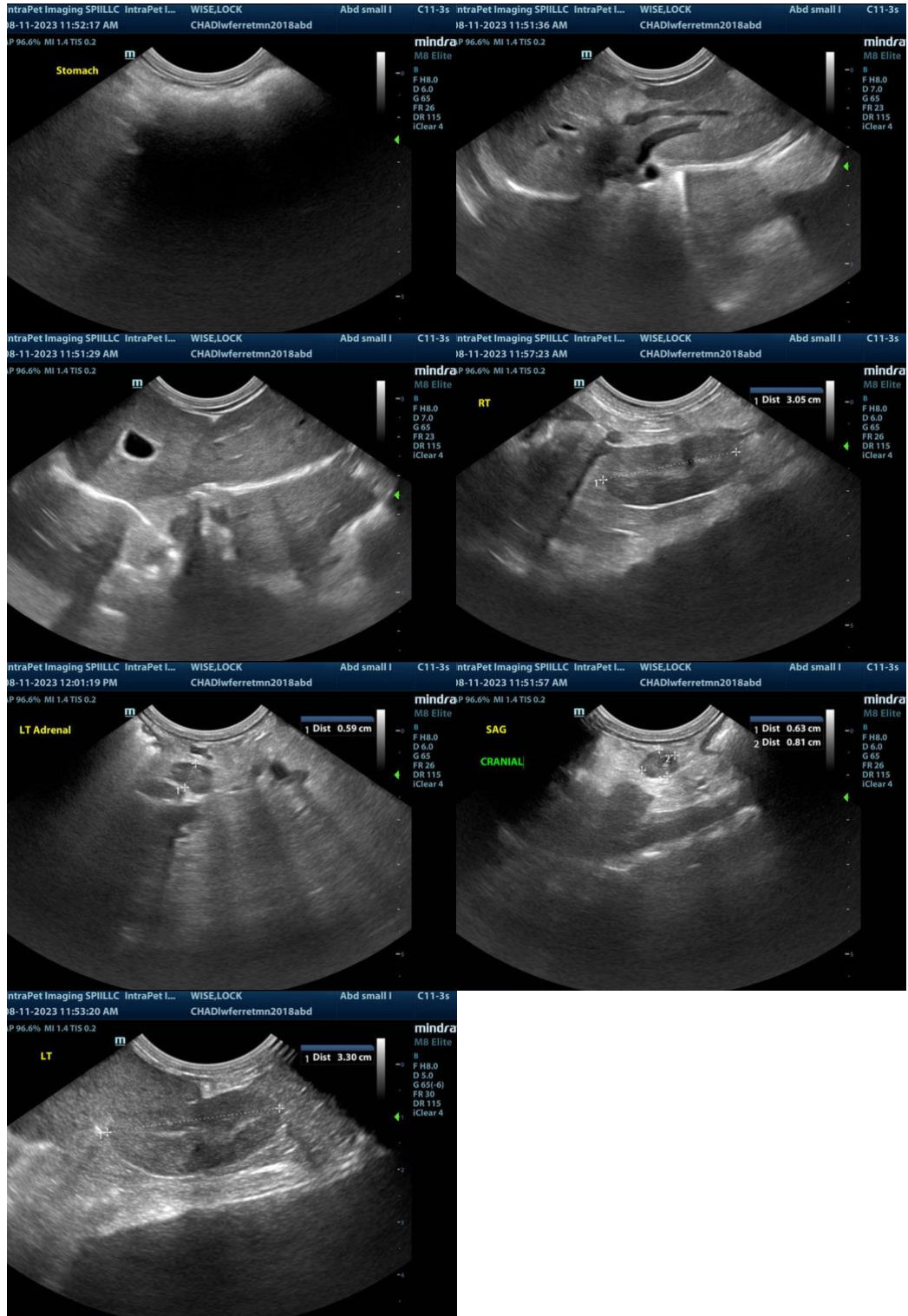
ULTRASONOGRAPHIC FINDINGS

- Pancreatic nodule
- Full stomach of hair-type density
- Enlarged spleen with scalloping contour and splenic fold- hypersplenism or potential for emerging round cell neoplasia.
- Rounded, hypoechoic epigastric lymph nodes
- Slightly enlarged mesenteric lymph nodes
- Mildly enlarged left adrenal gland
- Age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25G FNA of the spleen is indicated. Chest ultrasound is recommended to assess for pleural effusion vs fat, as well as causes of passive congestion, unless the patient was sedated at the time of the sonogram, this would justify the hepatic vein dilation.





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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