

**DATE PRESENTING CLINICAL SIGNS**

11/12/21

History: insulinoma, palp mass root of mesentery?

PATIENT

Charlie Graybill

Current Medications: Clavamox, Omeprazole, Baytril, Carnivore Care all since 11/2/21

Lab Results: ALT increased, calcified material in GIT.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required for scan.

Stat Report: Not requested.

SPECIES

Ferret

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**BREED**

Ferret

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.

SEX

Neutered Male

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 right kidney measured 2.74 cm. The left kidney measured 2.17 cm.

AGE

2015

WEIGHT

1060 gm

Adrenal Glands

The **left 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 left adrenal gland measured 0.46 cm.

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS

The **right adrenal gland** was slightly swollen with slight focal mineralization. The right adrenal gland measured 0.44 cm.

IMAGING PERFORMED BY

Rachel Brillhart RDMS

Spleen

The **spleen** revealed normal size with slight irregular contour. The spleen measured 7.0 mm in width.

HOSPITAL NAME

Chadwell AH

Liver

The **liver** was uniform. The gallbladder and common bile duct were unremarkable. No evidence of structural pathology.

REFERRING VET

Dr. Gold

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.

INVOICE

12508

Pancreas

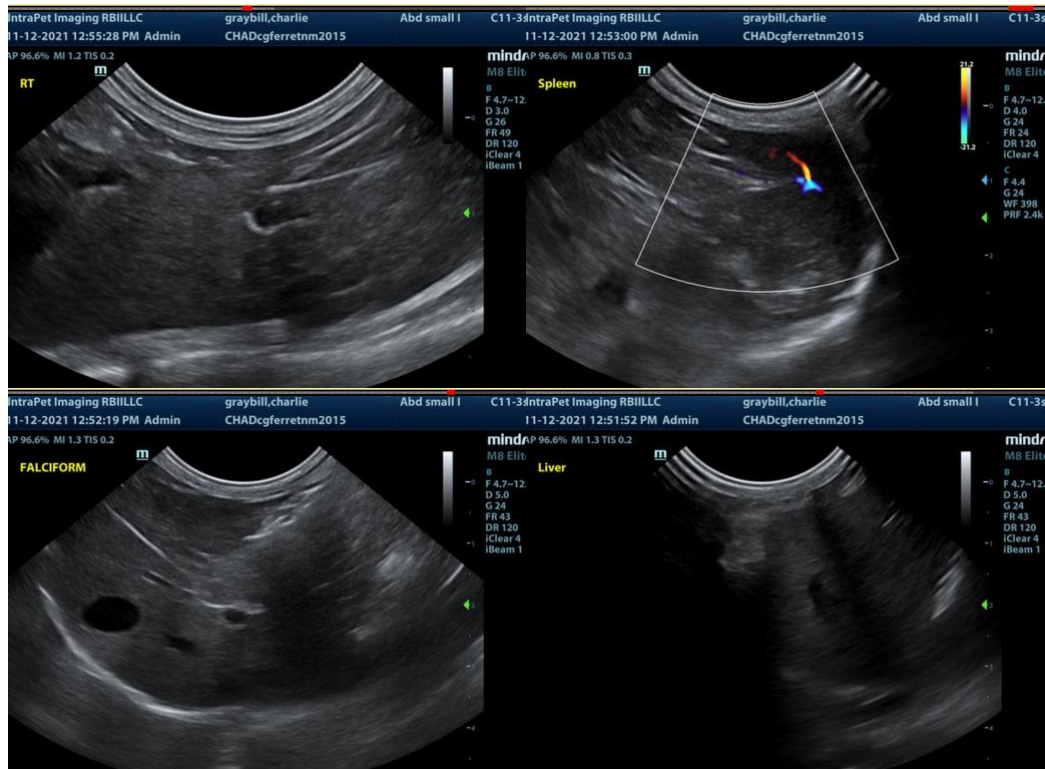
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

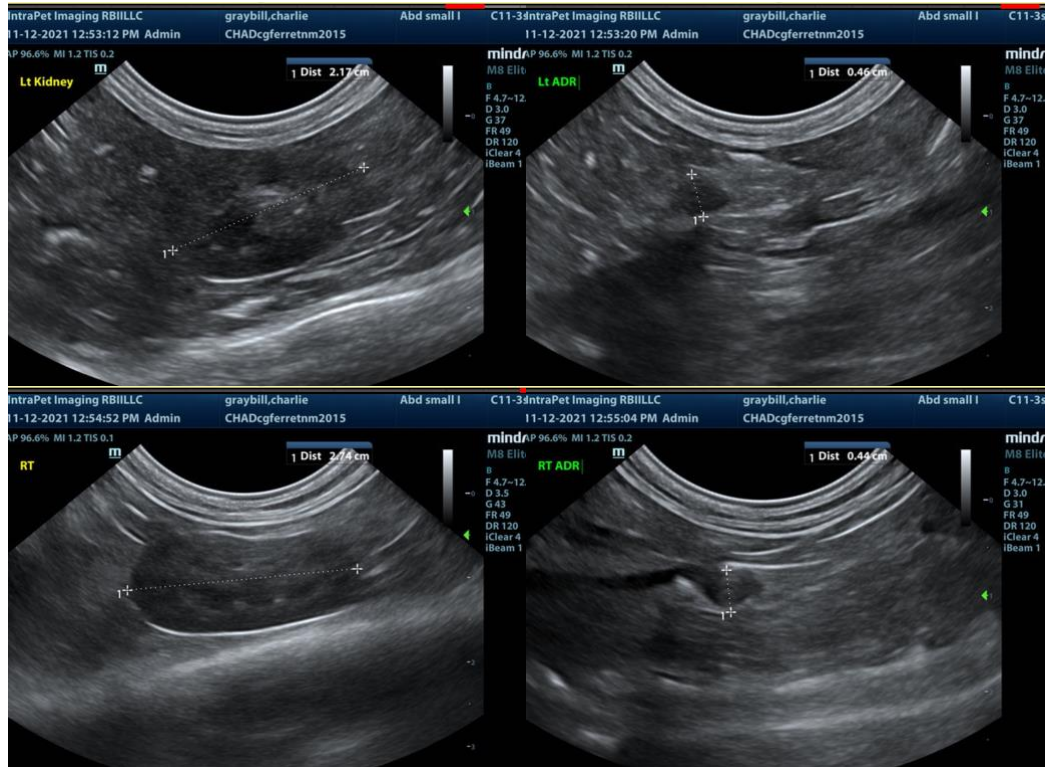
ULTRASONOGRAPHIC FINDINGS

- Acute hepatic insult. Infectious or toxin exposure should be considered. FNA indicated.
- Slightly swollen right adrenal gland
- Spleen, slight irregular contour
- Age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Empirical treatment for acute hepatic insult/inflammatory hepatopathy recommended. No evidence of neoplasia. If clinical evidence of adrenal disease is present, right adrenalectomy +/- liver biopsy could be considered.





The information and recommendations provided are based on the images presented by 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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