

**DATE PRESENTING CLINICAL SIGNS**

7/16/23

**PATIENT**

Happy Jack Baldwin

**SPECIES**

Feline

**BREED**

DMH

**SEX**

Neutered Male

**AGE**

7/15/11

**WEIGHT**

17.4 Pounds

**INTERPRETED BY**Eric Lindquist, DMV  
DABVP, Cert. IVUSS**HOSPITAL NAME**Animal Emergency  
Hospital**REFERRING VET**

Dr. Kalwa

**INVOICE**

43885

ATO: Happy Jack was seen @ rDVM yesterday for glucose curve - usually gets 3 units insulin BID, last time given was yesterday morning around 8am prior to going to rDVM - ATO: glucose was trending in 70's prior to being discharged from rDVM. rDVM was having trouble getting him to eat and was "force feeding" - owner has not given any further insulin as she was worried about his BG being low -owner has glucometer at home and stated it was low in the 30's and that's why she was worried - ATO: rDVM did not do any other diagnostics yesterday -discussed with owner abdomen appears distended/bloated, Dr. would advise x-rays - owner approved - ATO: abdomen has been that way for a while

Date: 07-15-2023 Notes: PC: Low sugar, diabetic 37 ATO - Came in yesterday for routine sugar curve at rDVM- lowest it got was 77 which is lower than normal- rDVM dropped him from 3 U to 1 U - P has been a little lethargic, sleeping a lot but he is 13 yrs. old - O noticed sweet smell to breath- gave honey- made him eat- ate only 1 tsp- ate last night - Doesn't eat a lot- Gave little wet food and has cat treats - Didn't give insulin last night and didn't give this am- thought the glucose would be too low - Today seemed tumbly looking- took sugar test and it read 37 - O got very nervous - Belly has been distended for a long while- no weight change, actually lost 3 ounces - Known diabetic 5 years - O adopted from the humane society ~5 years ago with diabetes- thinks FELV/FIV negative - Indoor only- doesn't use litterbox, never has- has puppy pads around the house.

Current Medications: Amp/Sulb, Maropitant, Ondansetron, Omeprazole, Insulin, Gabapentin, Vitamin B12.  
Lab Results: Attached.

Radiographs: Abdomen (2 view) significant free fluid in abdomen, decreased serosal detail.

Date of Previous IntraPet Ultrasound: No previous.

Sedation: Not required to complete full diagnostic ultrasound.

Stat Report: Not requested.

Imaging Performed By: Rachel Brillhart, RDMS.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN****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 **right kidney** 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 cortex 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** presented cortical infarcts and collapse. The left kidney measured 3.0 cm.

**Adrenal Glands**

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 0.54 cm.

The region of the **left adrenal gland** was unremarkable.

### **Spleen**

The spleen was slightly heterogeneous and mildly irregular with isoechoic nodules.

### **Liver**

The liver presented multifocal hypoechoic, mildly disruptive nodules throughout. The gallbladder was unremarkable.

### **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**

A mixed hypoechoic, undifferentiated mass was noted in the region of the **pancreas** with nodular surrounding omentum.

### **Free Abdomen**

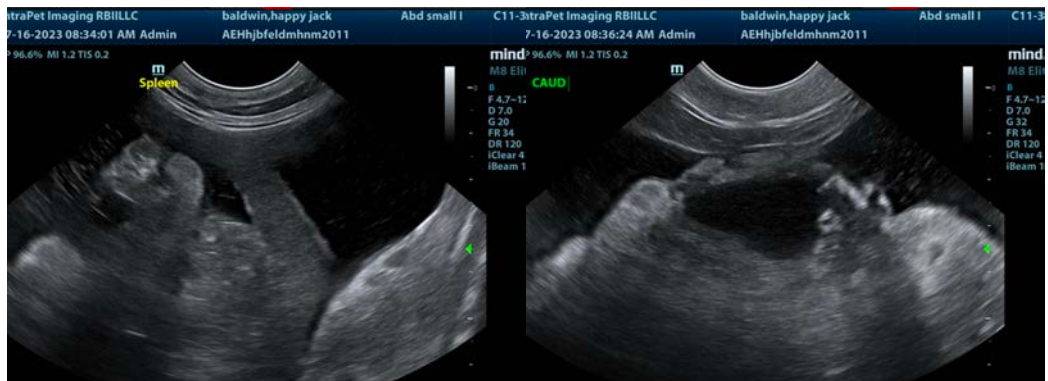
Large amount of free fluid noted in the abdomen.

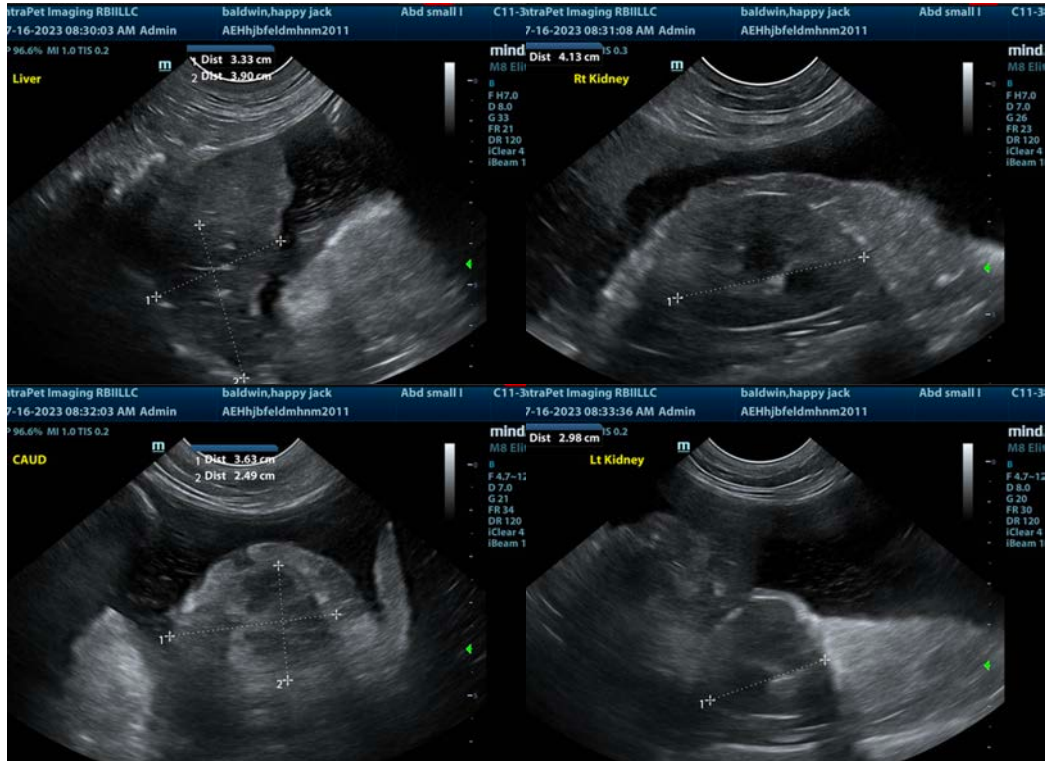
## **ULTRASONOGRAPHIC FINDINGS**

- Multicentric neoplasia involving a pancreatic mass with metastatic pattern to the liver
- Secondary ascites
- Slightly heterogeneous, irregular spleen
- Age related renal changes with left kidney cortical collapse and infarcts

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Carcinomatosis type presentation. Prognosis is poor.





The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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.

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**  
[info@SonoPath.com](mailto:info@SonoPath.com)