



PATIENT

Zelda Silva

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

14 Years

WEIGHT

2.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Brittany Gardner

HOSPITAL NAME

Wilvet Salem

REFERRING VET

Dr. Brittany Gardner

INVOICE

17935

DATE

11/11/22

PRESENTING CLINICAL SIGNS

History: Yesterday started vomiting and vomited 4-5 times with the last vomiting episode around 3:30am. Zelda sat in the chair all night and didnt move. She is acting painful when picked up and walking with an arched neck. She has no interest in eating or drinking but did have normal stool in the litter box. 6months ago was diagnosed with Lymphoma and was doing well on steriods. 1 1/2 months ago she was rechecked and labwork showed kidney disease so the steriods were stopped. She was started on Royal Canin Renal Support.

Abnormal PE/Chem/CBC/UA Results: ALT-997, BUN-36, Gluc-220, Lac-3.4, iCal-1.13 CBC: Lym-7.4, Plt-141

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 3.18 cm. The right kidney measured 3.2 cm.

Adrenal Glands

The regions of the **adrenal glands** revealed no evidence of pathology.

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.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

A comet tail lung pattern was noted through the diaphragm- chest radiographs are warranted if not already performed to assess for alveolar disease.

Gastrointestinal



PATIENT Variable fluid filled **gastrointestinal** lumen and hyperperistalsis noted.

Zelda Silva **Pancreas**

SPECIES The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some mild 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.

Feline

BREED

DSH

SEX

Spayed Female

Free Abdomen

The mesenteric **lymph node** (up to 1.0 cm x 0.5 cm) presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia.

ULTRASONOGRAPHIC FINDINGS

- AGE**
- 14 Years
- Nonspecific gastroenteritis
 - Reactive mesenteric lymph nodes
 - Age-related renal changes
 - Possible minor pancreatitis
 - Comet tail lung pattern through the diaphragm- chest radiographs are warranted
- WEIGHT**
- 2.6 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of neoplastic criteria in any organ systems. I recommend a fresh fecal smear and fecal floatation analysis. Diet change to hydrolyzed geriatric diet is warranted. IV fluid support, pain management and broad-spectrum antibiotics are warranted. The kidneys structurally appear normal. The azotemia is likely a prerenal issue.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Brittany Gardner

HOSPITAL NAME

Wilvet Salem

REFERRING VET

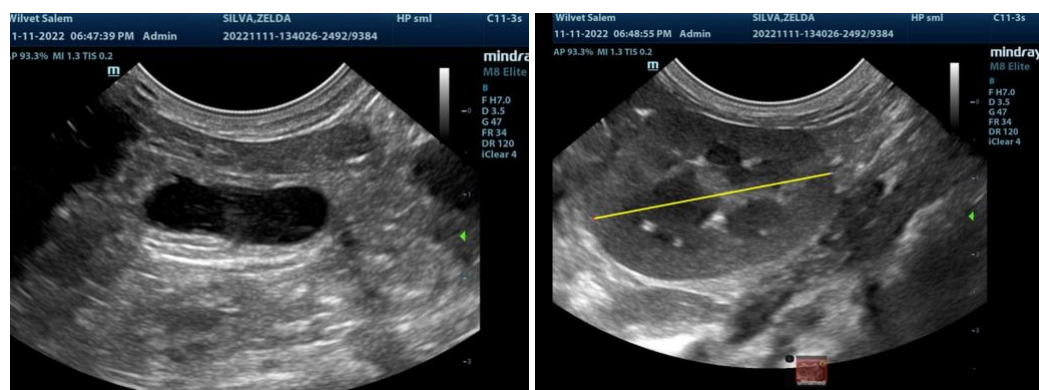
Dr. Brittany Gardner

INVOICE

17935

DATE

11/11/22





PATIENT

Zelda Silva

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

14 Years

WEIGHT

2.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Brittany Gardner

HOSPITAL NAME

Wilvet Salem

REFERRING VET

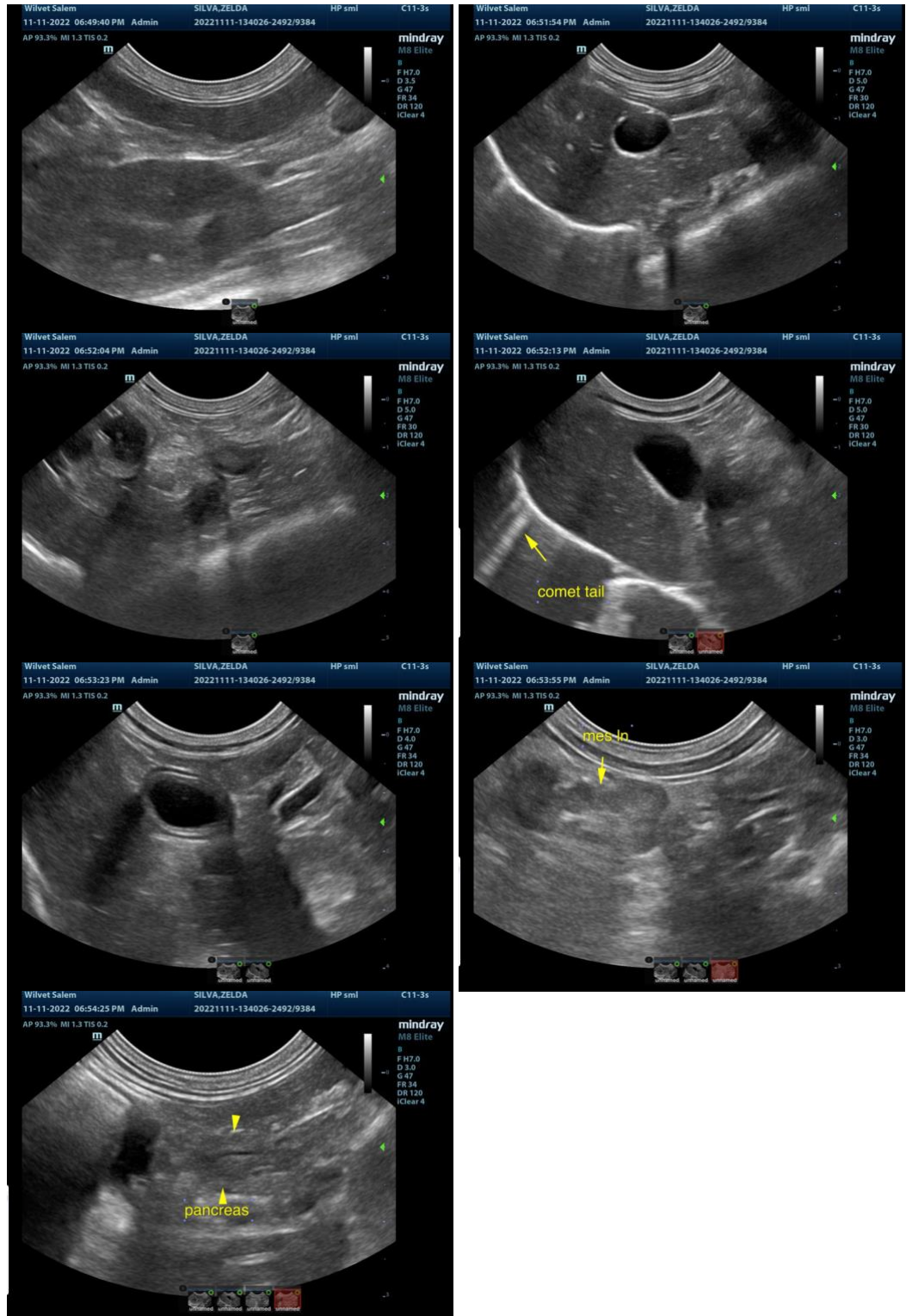
Dr. Brittany Gardner

INVOICE

17935

DATE

11/11/22



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.



PATIENT

Zelda Silva

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.

SPECIES

Feline

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

BREED

DSH

SEX

Spayed Female

AGE

14 Years

WEIGHT

2.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Brittany Gardner

HOSPITAL NAME

Wilvet Salem

REFERRING VET

Dr. Brittany Gardner

INVOICE

17935

DATE

11/11/22