



PATIENT

Godfrey Russo

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

15 years

WEIGHT

20.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. Branning

INVOICE

69737

DATE

12/31/25

PRESENTING CLINICAL SIGNS

History: Lethargic, poor appetite, elevated pancreatic values, anemic
Abnormal PE/Chem/CBC/UA Results: RBCV 4.08, PCV 26.8%, HEMOGLOBIN 10, ALP 579, AMYLASE 2530, LIPASE >1800

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction and appeared normal. 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 was noted. Ureteral papillae were normal.

The **kidneys** 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 cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex. Slight pyelectasia was noted. Slight areas of mineralization were noted in the kidneys. The left kidney measured 4.4 cm. The right kidney measured 5.0 cm.

The residual **prostate** measured 1.1 cm.

Adrenal Glands

The left **adrenal gland** was mildly enlarged. The caudal pole measured 0.9 cm and the cranial pole measured 0.8 cm. The right adrenal gland was uniform and measured 1.98 x 0.56 cm at the cranial pole and 0.6 cm at the caudal pole.

Spleen

The **spleen** appeared to be displaced dorsally.

Liver

The **liver** in this patient revealed multiple, cystic and parenchymal masses. The masses were non-resectable and occupied the left and right liver. The liver masses deviated the gastrointestinal tract caudally. The gallbladder was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.



PATIENT

Godfrey Russo

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

15 years

WEIGHT

20.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. Branning

INVOICE

69737

DATE

12/31/25

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.

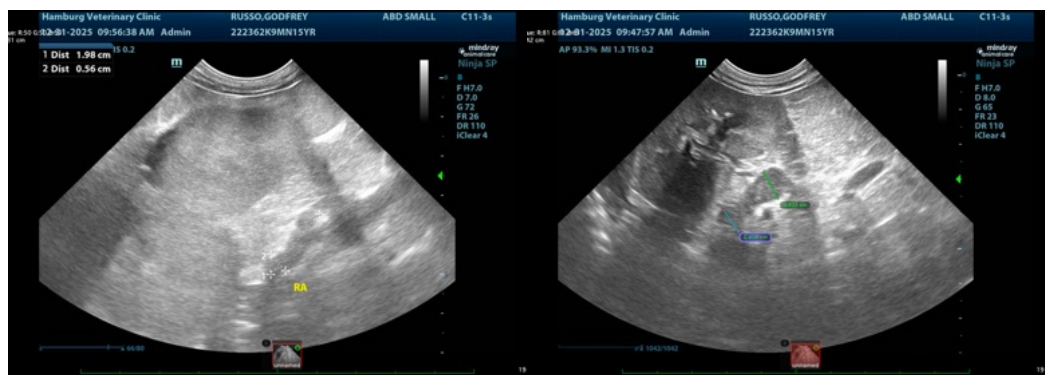
ULTRASONOGRAPHIC FINDINGS

Diffuse hepatic neoplasia. Multiple left and right sided masses.

No free fluid was noted at the time of the sonogram.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The prognosis is poor. Neoplasia appears fairly aggressive. The anemia may be owing to intramass hemorrhage. Hospice management is recommended.





PATIENT

Godfrey Russo

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

15 years

WEIGHT

20.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IUUS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

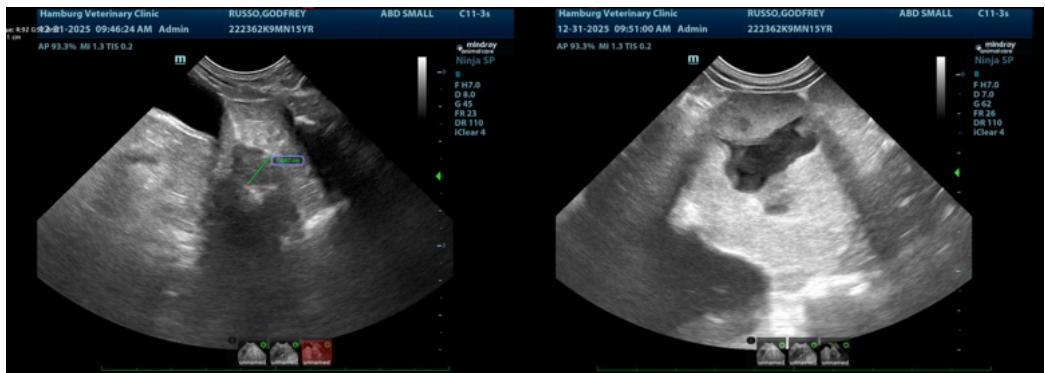
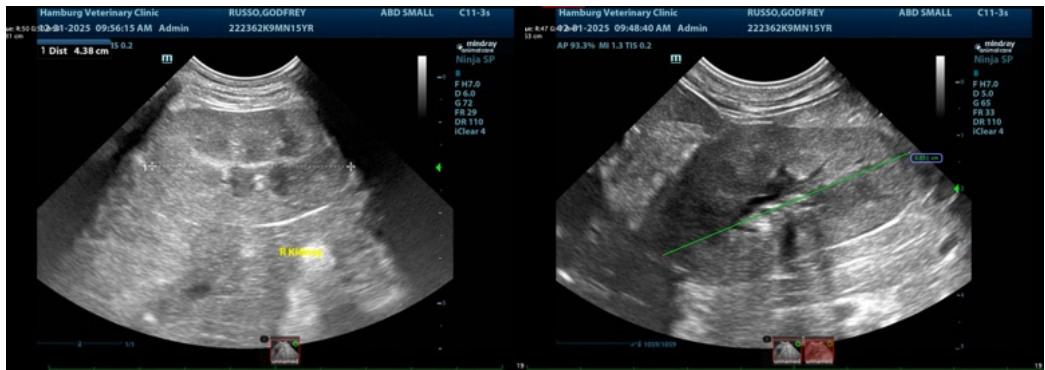
Dr. Branning

INVOICE

69737

DATE

12/31/25





PATIENT

Godfrey Russo

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Neutered male

AGE

15 years

WEIGHT

20.3 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. Branning

INVOICE

69737

DATE

12/31/25

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

info@SonoPath.com