



PATIENT

Tuxedo Sepulveda

PRESENTING CLINICAL SIGNS

History: History of splenectomy (low grade lymphoma), cholecystectomy (mucocele), and liver biopsy in Feb. 2021. Patient is diabetic and is currently on Vetsulin BID. Ultrasound needed for staging

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Dachshund mix

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection.

SEX

Neutered male

Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal.

The residual prostate was fairly uniform and measured 0.87 cm.

AGE

13 years

The **kidneys** revealed moderate degenerative changes with hyperechoic medullary rim sign. This is consistent with diabetic nephropathy. The right kidney measured 5.24 cm. The left kidney measured 4.73 cm.

WEIGHT

22 lbs

Adrenal Glands

Both **adrenal glands** were 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 1.52 x 0.84 cm at the cranial pole and 0.63 cm at the caudal pole. The left adrenal gland measured 1.9 x 0.73 cm at the caudal pole and 0.56 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING

PERFORMED BY

Kelly Vazquez, CVT

The **spleen** was not visualized as it was previously removed. The region of the splenic fossa was unremarkable.

HOSPITAL NAME

Animal General Of
Hudson

Liver

The **liver** revealed moderate remodeling. There were no complicating factors associated with the cholecystectomy.

REFERRING VET

Dr. Lang

Gastrointestinal

INVOICE

92517

The **stomach** was over distended with chyme and fluid with some shadowing material. This is consistent with ileus. Just cranial to the gastroesophageal inlet a 1.5 cm mineralizing expansive nodule was present and appeared to be deriving from the cranial aspect of the cardia/gastroesophageal inlet. The mineralization of the nodule is suggestive for the potential of gastrinoma.

DATE

10/20/21



PATIENT

Pancreas

Tuxedo Sepulveda

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Upper gastric nodule at the gastroesophageal inlet.

Dachshund mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

I suspect possible gastrinoma. There was no other evidence of return of lymphoma was noted. However, delayed outflow is an issue. Gastrin levels should be evaluated given the position of the nodule.

Neutered male

Ultrasound-guided FNA can be considered; however, it may be difficult to obtain complete exfoliation. Surgical biopsies would likely be necessary. Otherwise, the lesion should be monitored over the next 2-3 weeks if the patient is clinically sound. Treatment for delayed outflow and gastric irritation would be appropriate with Metoclopramide or similar. Recent urinalysis is warranted given the bladder thickening.

AGE

13 years

WEIGHT

22 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal General Of Hudson

REFERRING VET

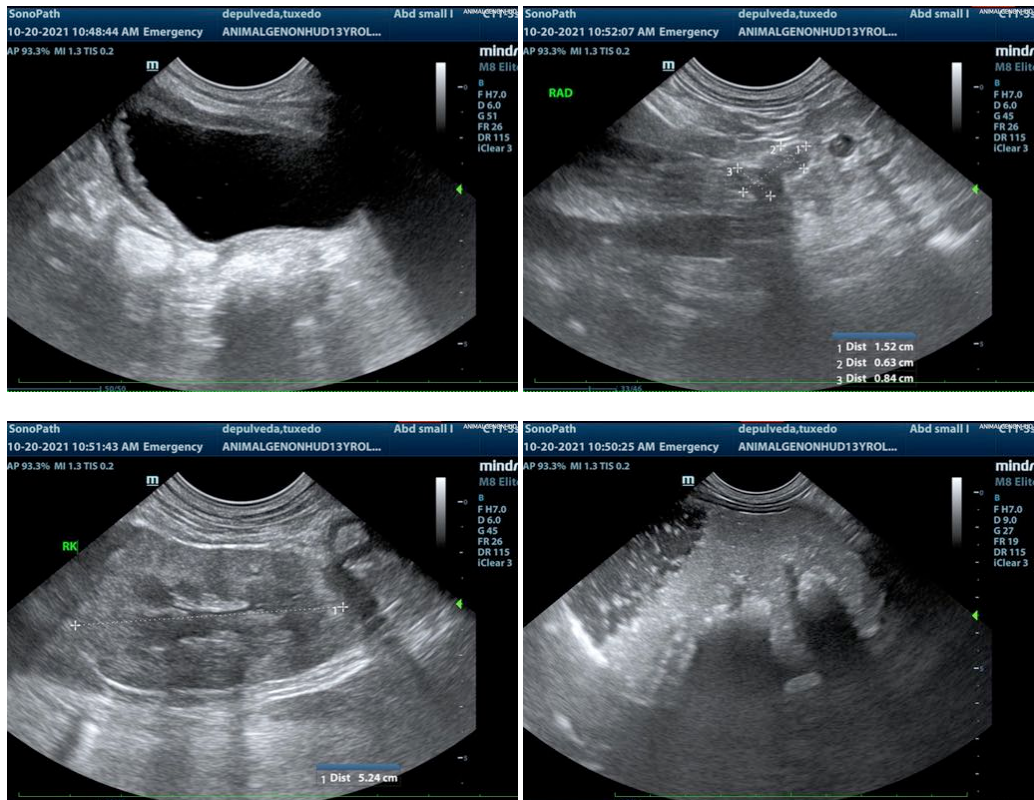
Dr. Lang

INVOICE

92517

DATE

10/20/21





PATIENT

Tuxedo Sepulveda

SPECIES

Canine

BREED

Dachshund mix

SEX

Neutered male

AGE

13 years

WEIGHT

22 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal General Of
Hudson

REFERRING VET

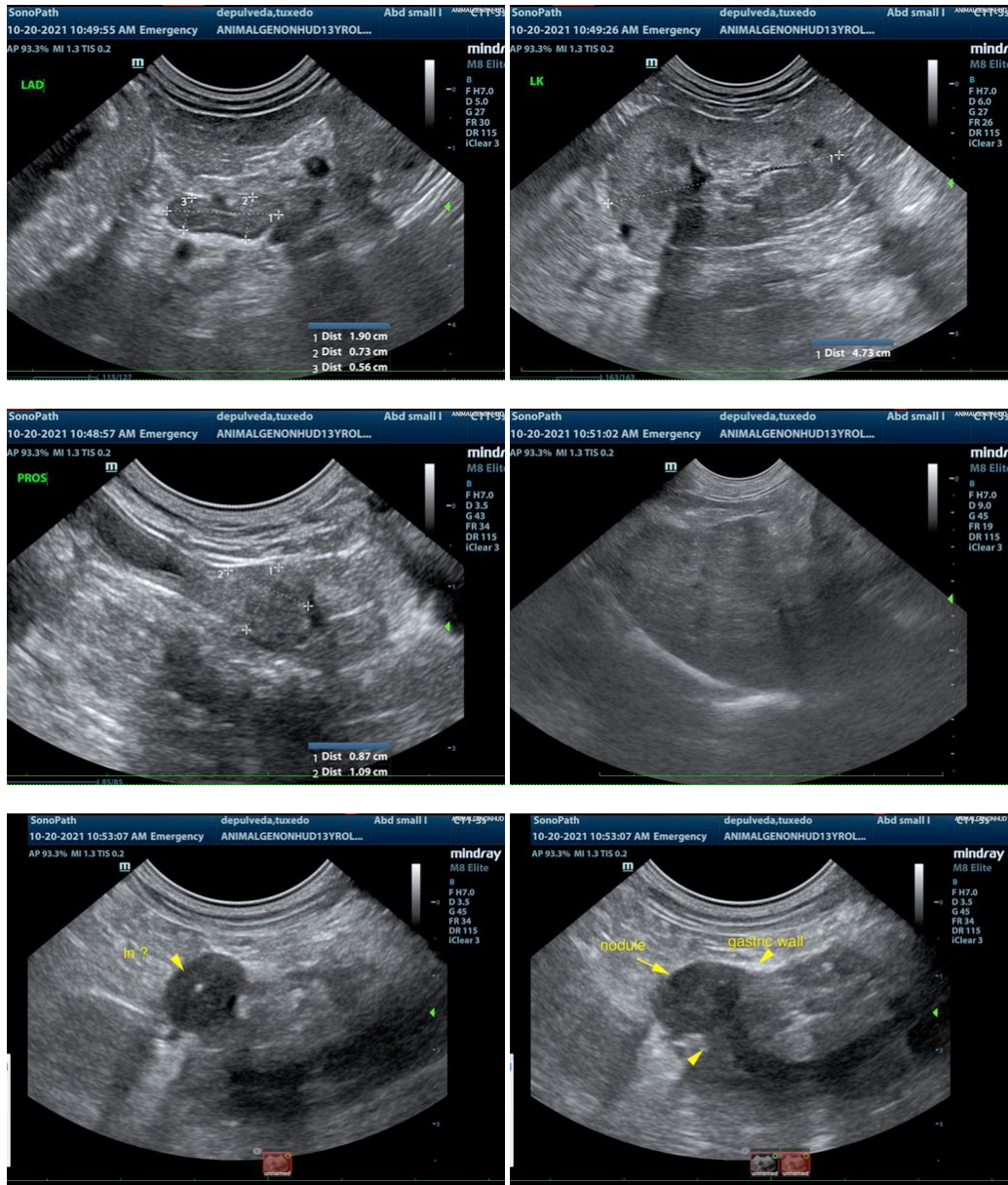
Dr. Lang

INVOICE

92517

DATE

10/20/21



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.

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