



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Kiku Nakajima
Recheck Gallbladder, Pancreas- Vomiting, decreased appetite. Current meds: Tyro tabs 0.1mg 1/2 tab BID, Urosodiol 50 mg, K/D diet, SQ fluids every other day 150cc

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: RBC 4.7, HCT 30.6%, HGB 11.2%, Neut 2.5, WBC 4.3, Lym 0.8, Crea 3.8, BUN 90, P7.2

BREED

Dachshund

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

SEX

Neutered Male

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.

AGE

15 Years

The **kidneys** presented moderate to severe end stage degenerative changes with corticomedullary calculi, infarcts and remodeling. The kidneys were subnormal in size, measuring 3.05 cm on the right and 2.9 cm on the left. Significant progression from the prior sonogram.

WEIGHT

Not Provided

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

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 left adrenal gland measured 1.62 cm x 0.43 cm at the caudal pole and 0.42 cm at the cranial pole. The right adrenal gland measured 1.46 cm x 0.73 cm at the cranial pole and 0.44 cm at the caudal pole.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Increased portal markings noted. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. 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. Similar to prior sonogram.

HOSPITAL NAME

Animal General on the Hudson

REFERRING VET

Dr. Dima

Gastrointestinal

INVOICE

44598

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.

DATE

8/2/23

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed.



PATIENT

Kiku Nakajima

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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Dachshund

- Progressed degenerative renal disease and nephrolithiasis and infarcts – subjectively near end stage.
- Moderate hepatic remodeling and excessive gallbladder debris
- Age related pancreatic changes
- Volume contracted spleen

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

72 hour IV fluid protocol, blood pressures and urine culture all indicated if not already performed. Prognosis is guarded depending upon response to therapy.

AGE

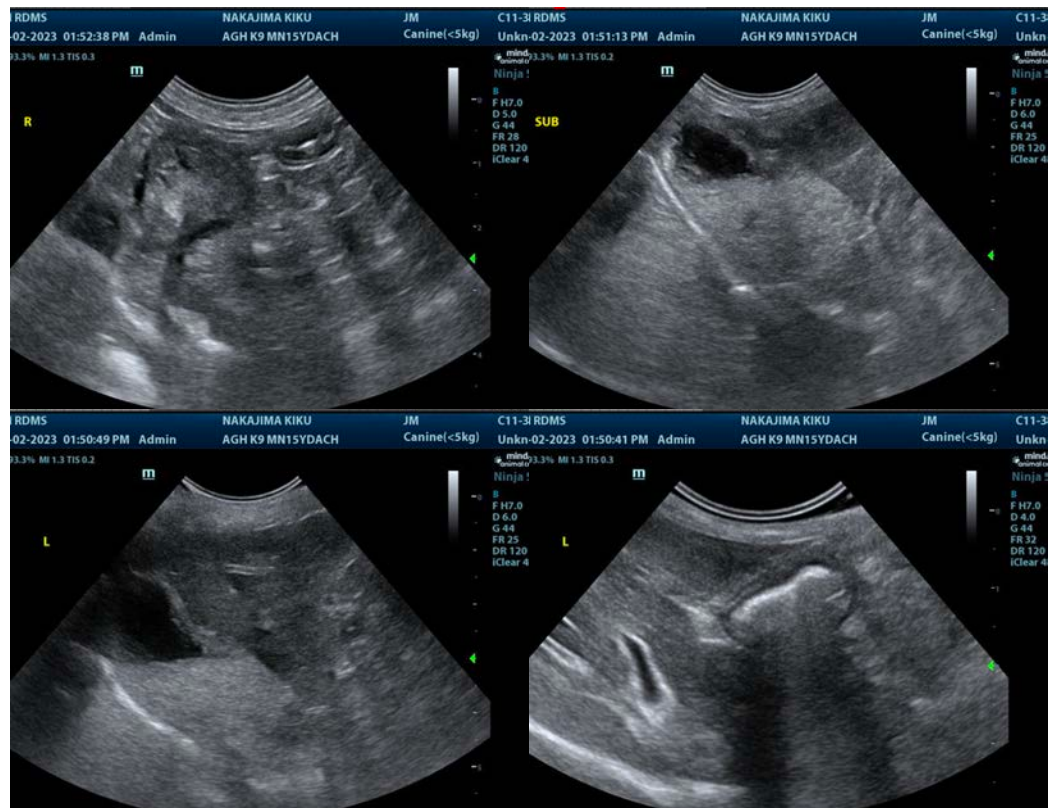
15 Years

WEIGHT

Not Provided

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Animal General on the Hudson

REFERRING VET

Dr. Dima

INVOICE

44598

DATE

8/2/23



PATIENT

Kiku Nakajima

SPECIES

Canine

BREED

Dachshund

SEX

Neutered Male

AGE

15 Years

WEIGHT

Not Provided

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Animal General on the Hudson

REFERRING VET

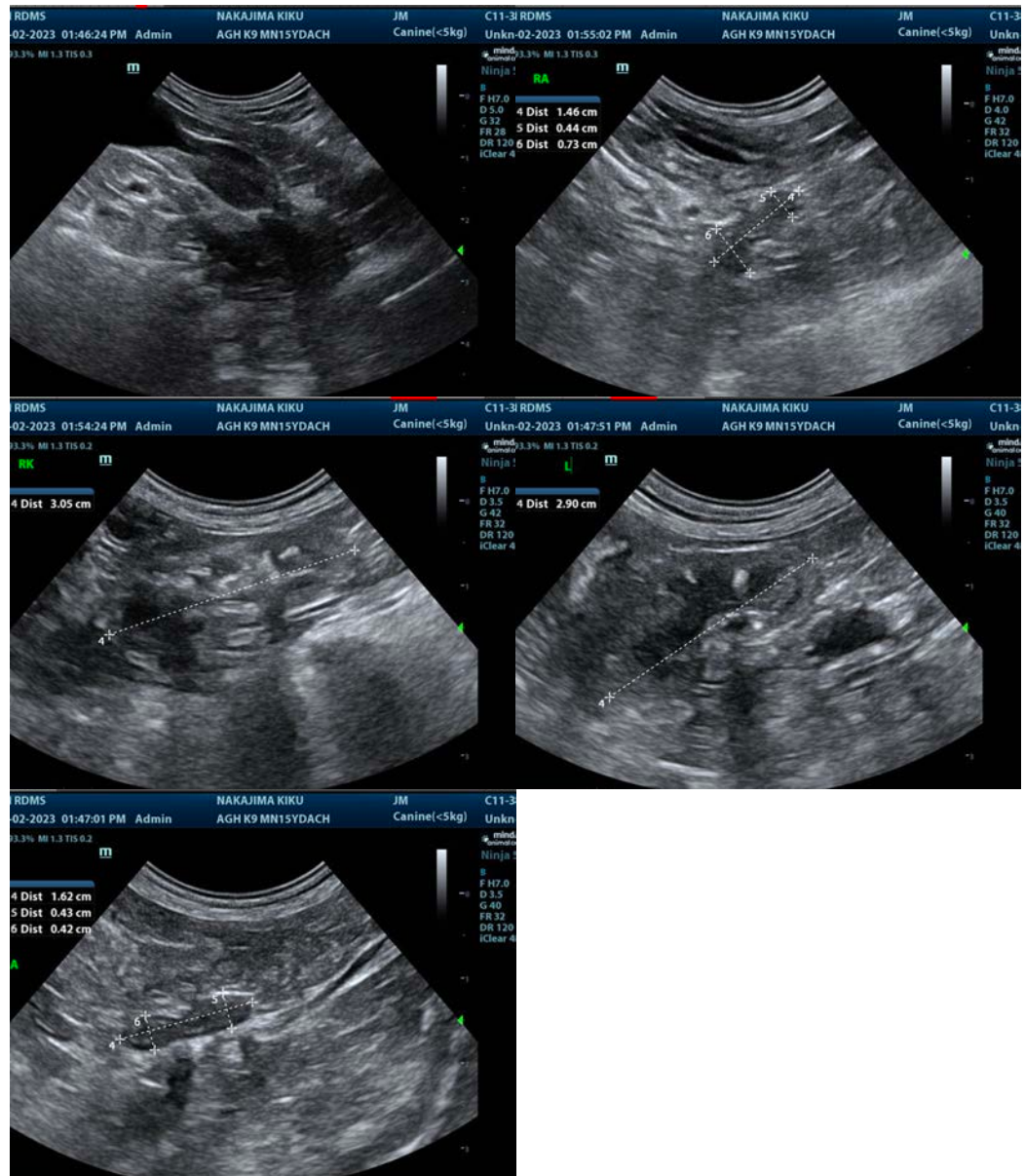
Dr. Dima

INVOICE

44598

DATE

8/2/23



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