

PATIENT PRESENTING CLINICAL SIGNS

Buddy Hoehn Hematuria, concern for TCC.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

The **urinary bladder** revealed a 4.3 cm x 1.3 cm mineralizing ventrolateral mass, appears resectable. The bladder was overdistended at the time of the sonogram. The remainder of the bladder wall was unremarkable. The urethra was normal to a depth of 3.0 cm.

BREED

Smooth Hair Fox Terrier

The **right kidney** revealed a 5.5 cm x 2.7 cm mineralized mass deriving from the cranial pole with a subcapsular hematoma, extending 6.5 cm. The right kidney measured 9.0 cm as a grouping.

SEX

12 Years

The **left 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. An anechoic cyst was noted at 1.5 cm at the cranial pole. 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.

AGE

Neutered Male

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 left adrenal gland measured 2.8 cm x 0.9 cm.

WEIGHT

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.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

HOSPITAL NAME

Franklin Lakes AH

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.

REFERRING VET

Dr. Kozak

INVOICE

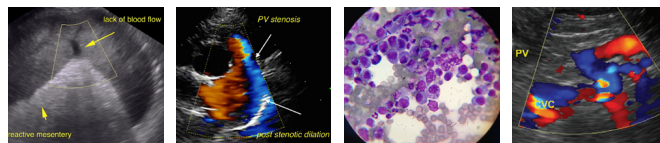
35611

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. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+

DATE

2/11/22



PATIENT

Buddy Hoehn

Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

ULTRASONOGRAPHIC FINDINGS

SPECIES

Canine

- Ventrolateral bladder mass – appears resectable
- Right renal mass (mineralized) and subcapsular hematoma – appears resectable

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

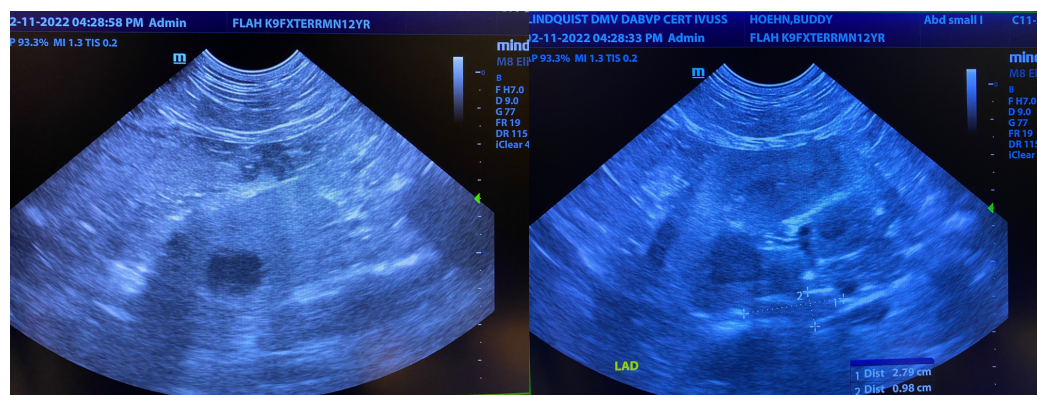
BREED

Smooth Hair Fox Terrier

Right nephrectomy and bladder resection indicated if chest radiographs are free of evident pathology. Suspect carcinoma of the bladder and the right kidney. No overt evidence of organ metastasis.

SEX

12 Years



AGE

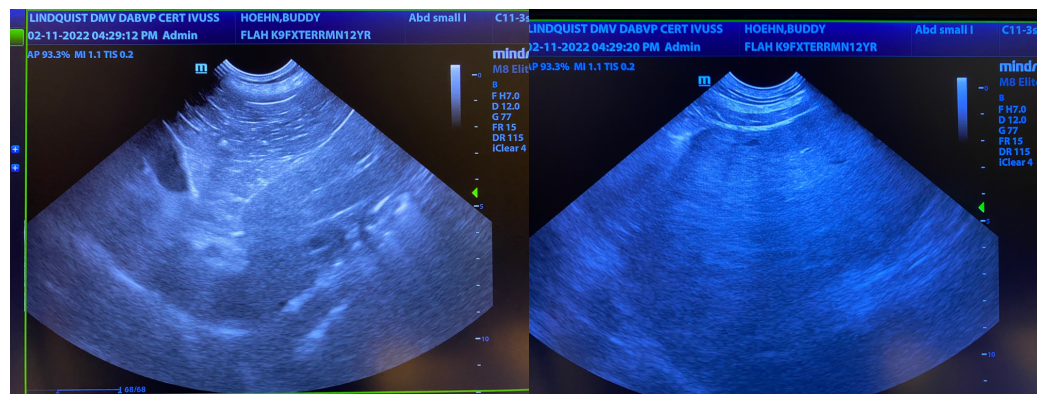
Neutered Male

WEIGHT

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS



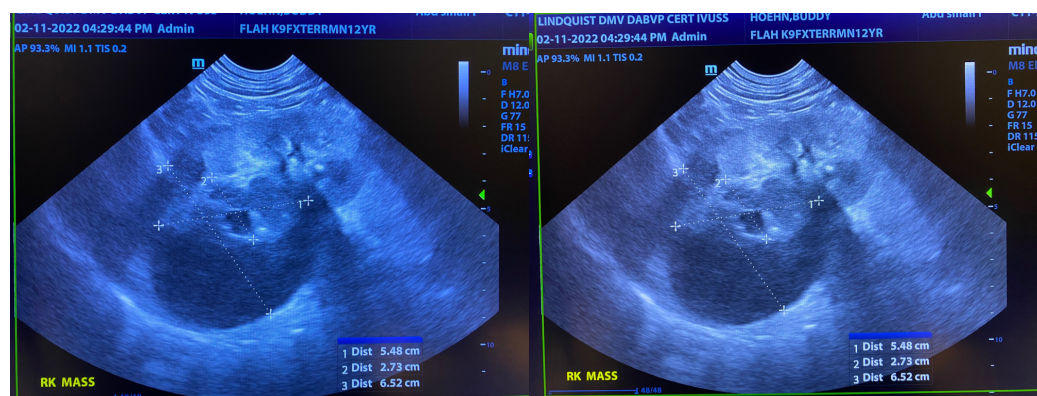
IMAGING PERFORMED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

HOSPITAL NAME

Franklin Lakes AH



REFERRING VET

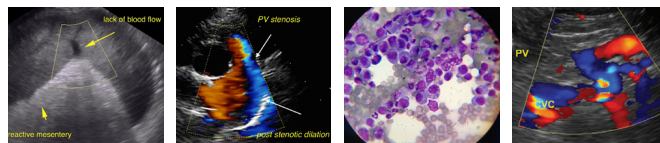
Dr. Kozak

INVOICE

35611

DATE

2/11/22



PATIENT

Buddy Hoehn

SPECIES

Canine

BREED

Smooth Hair Fox Terrier

SEX

12 Years

AGE

Neutered Male

WEIGHT

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

HOSPITAL NAME

Franklin Lakes AH

REFERRING VET

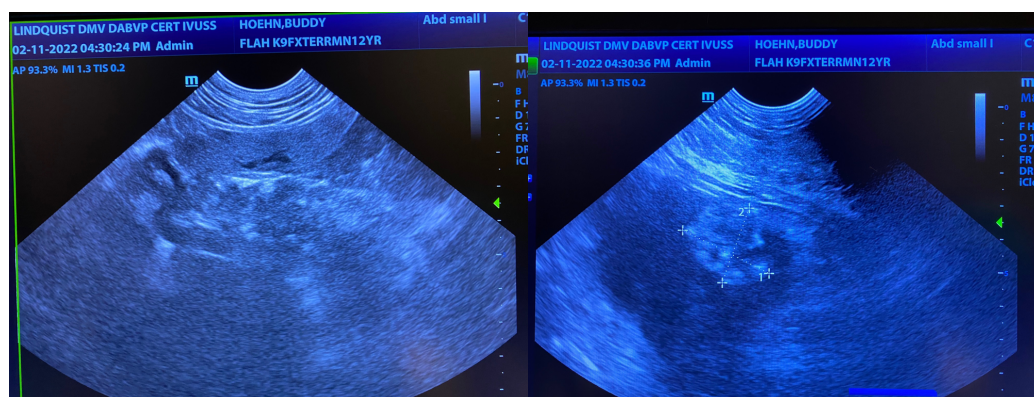
Dr. Kozak

INVOICE

35611

DATE

2/11/22



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