



PATIENT

Gibbs DeFonte

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

8 Years

WEIGHT

13.8 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

American Animal
Hospital

REFERRING VET

Dr. Arculli

INVOICE

13359

DATE

1/10/22

PRESENTING CLINICAL SIGNS

History: elevated BUN

Abnormal PE/Chem/CBC/UA Results: 11/19/21 BUN 103, crea 1.6, USPG 1.039; 11/30/21 BUN 67, crea 1.3; 12/29/21 BUN 71, crea 1.4. not on any meds

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented multiple calculi, the largest of which measured 8 mm. The patient may have passed calculi recently causing the azotemia. The pelvic urethra was imaged 3.0 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 mild 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. Mineralization was present. The left kidney measured 4.36 cm. The right kidney measured 4.26 cm. Corticomedullary calculi noted (non-obstructive) with cortical infarcts on the right kidney and slight pyelectasia was present. Slight cortical cysts also noted.

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 1.5 cm x 0.51 cm at the caudal pole and 0.37 cm at the cranial pole. The right adrenal gland measured 1.42 cm x 0.43 cm at the caudal pole and 1.02 cm at the cranial pole.

Spleen

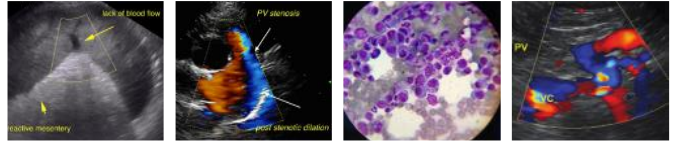
The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or 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.

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



PATIENT

Gibbs DeFonte

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

SPECIES

Canine

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.

BREED

Mixed

ULTRASONOGRAPHIC FINDINGS

- Renal calculi
- Urinary bladder calculi

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recent passage of calculi from the kidneys to the bladder suspected. I recommend cystotomy, normal and retrograde urethral flushing, stone analysis and culture. The kidneys appear mild to moderately compromised.

AGE

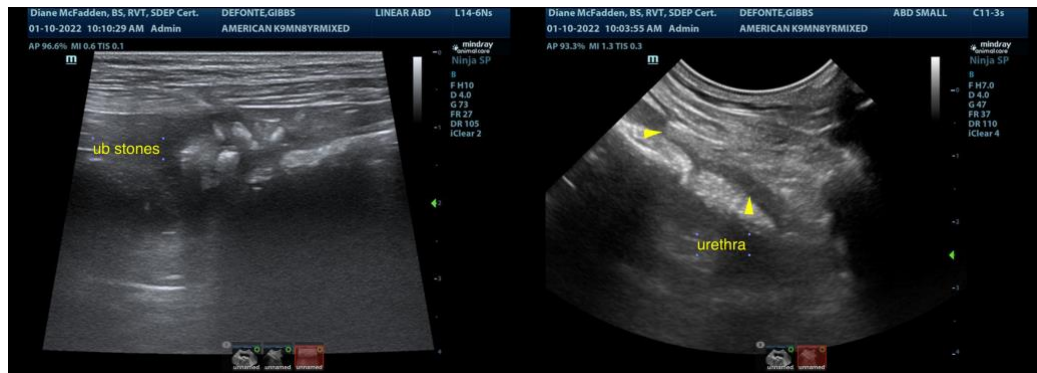
8 Years

WEIGHT

13.8 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS



IMAGING PERFORMED BY

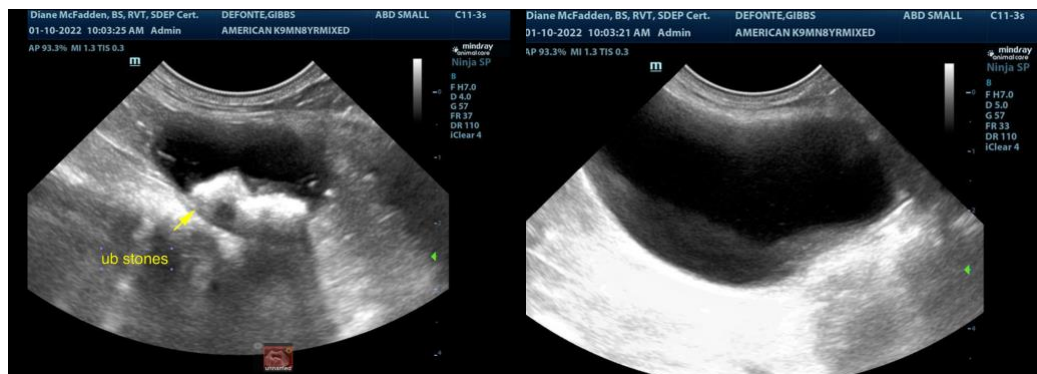
Diane McFadden

HOSPITAL NAME

American Animal
Hospital

REFERRING VET

Dr. Arculli



INVOICE

13359

DATE

1/10/22



PATIENT

Gibbs DeFonte

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

8 Years

WEIGHT

13.8 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

American Animal
Hospital

REFERRING VET

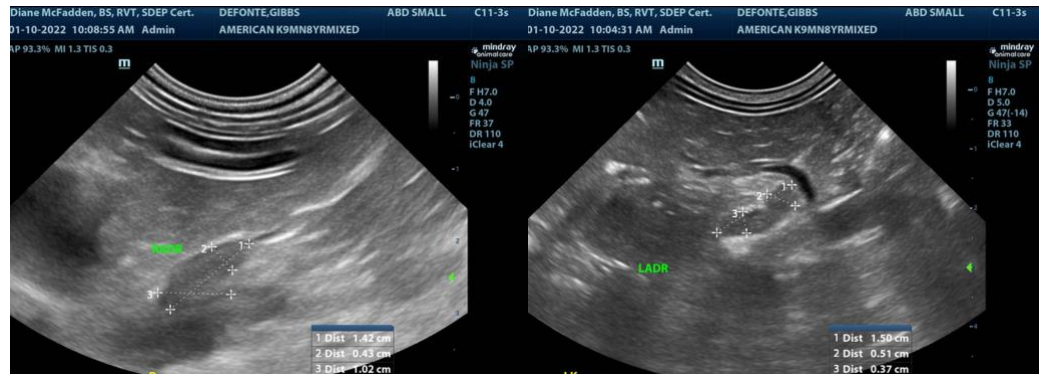
Dr. Arculli

INVOICE

13359

DATE

1/10/22



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.

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