

IMAGING PERFORMED BY

SVS Mobile Imaging MI 734-637-7711
svsimagingmi@gmail.com

**PATIENT**

Echo Faunce

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

11 years

WEIGHT

9.56 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

Vet Select AH/ Dr.
Schrier and Bolduc

INVOICE

42145

DATE

11/21/22

PRESENTING CLINICAL SIGNS

History: Presented for vaccines but noted weight loss and abdominal mass on the right side during exam.

Abnormal PE/Chem/CBC/UA Results: Large abdominal mass located on the right side of the abdomen. Weight loss. BUN elevated 45 (CREA 1.7, SDMA 10, USG 1.036). Mass effect noted on abdominal radiographs.

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 2.0 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 **left kidney** presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. The left kidney measured 4.8 cm with a hyperechoic medullary rim sign and trace pyelectasia. An undifferentiated 7.0 x 4.0 cm mass was noted. The mass was rounded and hypoechoic. The mass appeared to be deriving from the **right kidney**. Capsular expansion was noted with mild pericapsular inflammatory pattern. The mass appears encapsulated by the renal capsule.

Adrenal Glands

Both **adrenal glands** were visualized and were mineralized. The left adrenal gland measured 0.37 cm. The right adrenal gland measured 0.4 cm.

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 was noted. The spleen measured 0.9 cm.

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.

IMAGING PERFORMED BY

SVS Mobile Imaging MI 734-637-7711
svsimagingmi@gmail.com

**PATIENT**

Echo Faunce

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

11 years

WEIGHT

9.56 lbs

INTERPRETED BYEric Lindquist, DMV
DABVP, Cert. IVUSS**IMAGING PERFORMED BY**

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VETVet Select AH/ Dr.
Schrier and Bolduc**INVOICE**

42145

DATE

11/21/22

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

Free Abdomen

An undifferentiated 7.0 x 4.0 cm mass was noted. The mass was rounded and hypoechoic. The mass appeared to be deriving from the right kidney.

ULTRASONOGRAPHIC FINDINGS

Right renal mass.

Interstitial left renal pattern, however, it does not appear end stage and should be adequate to maintain metabolic need after right nephrectomy.

Mineralized adrenal glands, an age related change.

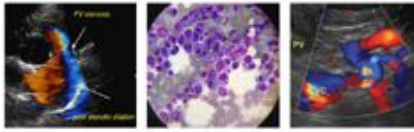
No evidence of organ metastasis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Chest radiographs are warranted to assess for comorbidity. Right nephrectomy is indicated. CBC path review is warranted given the elevated hematocrit. Erythropoietin secreting neoplasia is possible in this patient. Correction of azotemia with medical management followed by right nephrectomy is indicated. I recommend direct right nephrectomy as FNA may compromise the capsule, which is containing the neoplastic process. Round cell neoplasia is suspected with a potential for carcinoma.

IMAGING PERFORMED BY

SVS Mobile Imaging MI 734-637-7711
svsimagingmi@gmail.com



PATIENT

Echo Faunce

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

11 years

WEIGHT

9.56 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

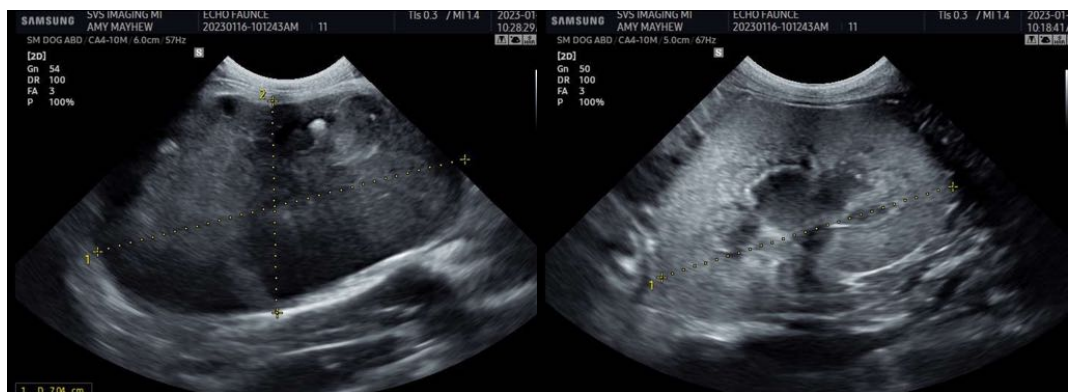
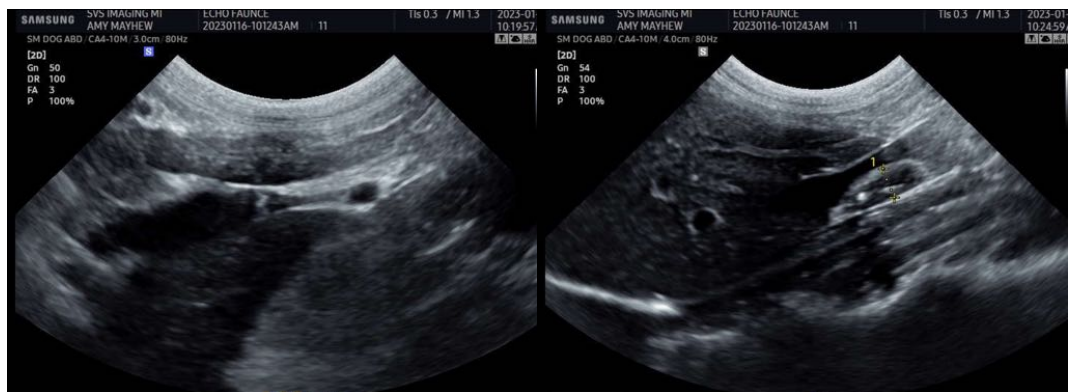
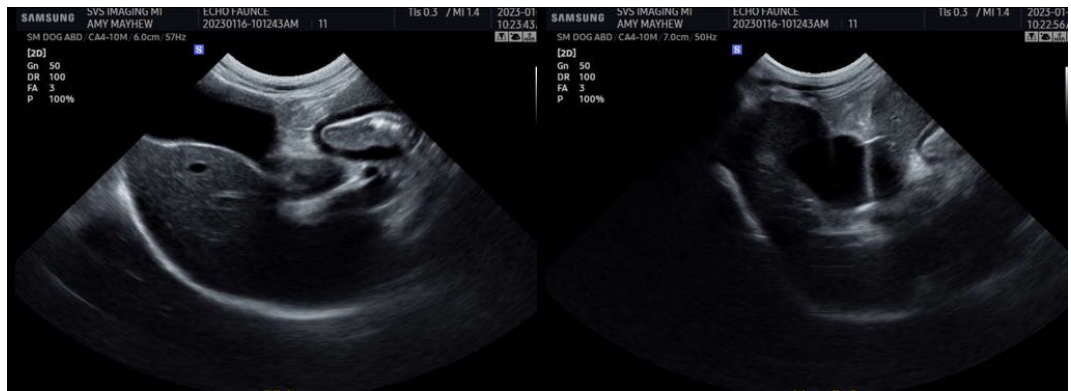
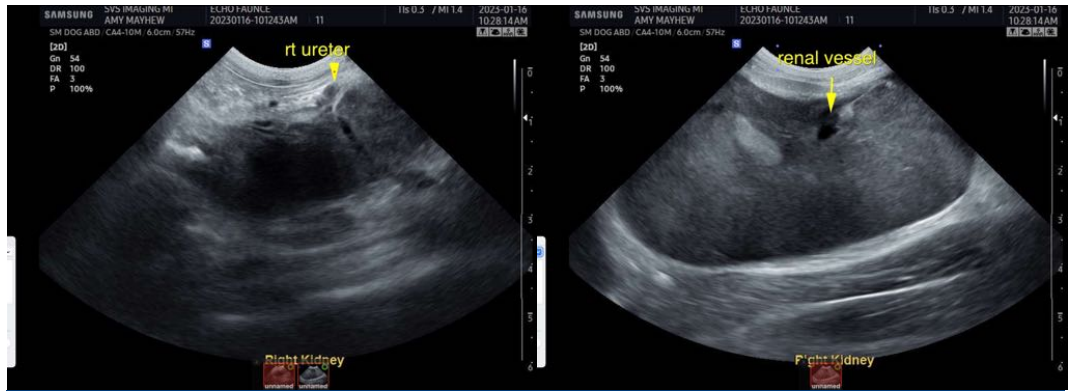
Vet Select AH/ Dr.
Schrier and Bolduc

INVOICE

42145

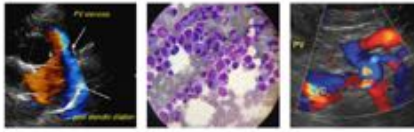
DATE

11/21/22



IMAGING PERFORMED BY

SVS Mobile Imaging MI 734 - 637 - 7711
svsimagingmi@gmail.com



PATIENT

Echo Faunce

SPECIES

Feline

BREED

Domestic Longhair

SEX

Neutered male

AGE

11 years

WEIGHT

9.56 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Amy Mayhew LVT

HOSPITAL NAME

SVS Imaging Michigan

REFERRING VET

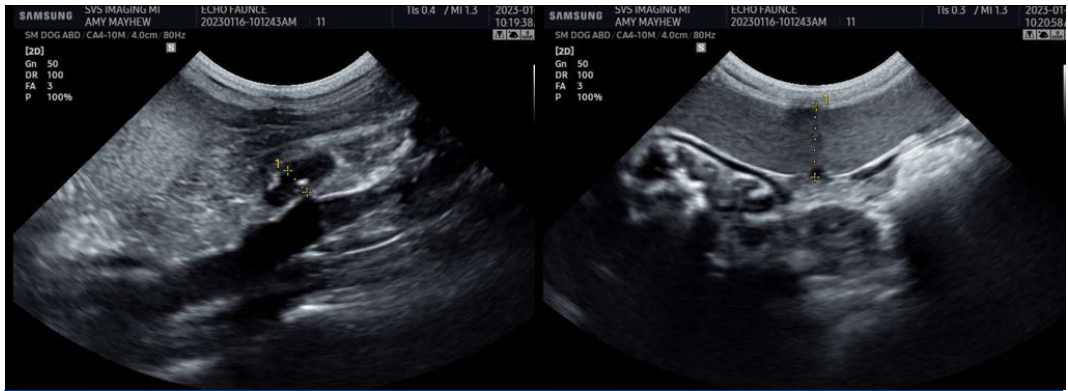
Vet Select AH/ Dr.
Schrier and Bolduc

INVOICE

42145

DATE

11/21/22



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
Eric.Lindquist@SonoPath.com