**PATIENT**

TT Key

PRESENTING CLINICAL SIGNS

Urinating frequently Newly adopted and owner was told she was spayed but records from previous vet say she is intact.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Possible faint spay scare. 1/9/23 UA: cysto, dark yellow, cloudy, SpGr 1.050, pH7.0, prot negative, WBC < 1/hpf, RBC 9/hpf, no bacteria, no casts, no crystals

BREED

Chihuahua

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary System****SEX**

Female Intact?

The urinary bladder, trigone and cystourethral junction exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted. The urethra was overtly normal in structure and tone to a depth of 2.0 cm.

AGE

8 years

Assessment of the area of the uterus revealed no evidence of visualized uterine tissue. No overt evidence of present or retained left or right ovarian tissue.

WEIGHT

4.3 lbs.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pyelectasia. The left kidney measured 3.2 cm in length. The right kidney measured 3.6 cm in length.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.5 cm in length x 0.39 cm width at the caudal pole.

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.4 cm in length x 0.41 cm width at the caudal pole.

IMAGING PERFORMED BY

Sarah Pender, CVT

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

HOSPITAL NAME

SVS Imaging QC

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Narske

INVOICE

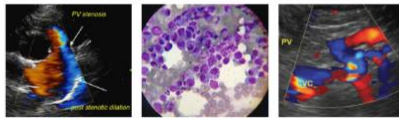
21119

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material.

DATE

2/15/23



PATIENT

TT Key

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SPECIES

Pancreas

Canine

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

BREED

Chihuahua

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

SEX

ULTRASONOGRAPHIC FINDINGS

Female Intact?

- Sonographically unremarkable urinary bladder and visible proximal urethra
- No visualized intact uterus or bilateral ovaries
- Normal bilateral kidneys
- Normal bilateral adrenal glands- no evidence of adrenal enlargement or pathology

AGE

8 years

WEIGHT

4.3 lbs.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urine culture and sensitivity on sterile urine sample is recommended to assess for or rule out underlying infection. No evidence of pyometra or stump pyometra criteria. The lack of visualized intact uterine or ovarian tissue likely indicates that the patient is spayed, although in a patient this size, a non-estrus or ovarian tissue admittedly may be difficult to visualize. Further assessment may include appropriate hormonal testing and/or monitoring for evidence of estrus, i.e., vaginal discharge, with possible vaginal cytology, if clinically indicated.

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

Full adrenal work up is not suggested given the lack of clinical signs, such as polydipsia, polyphagia, as well as urine specific gravity >1.020.

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

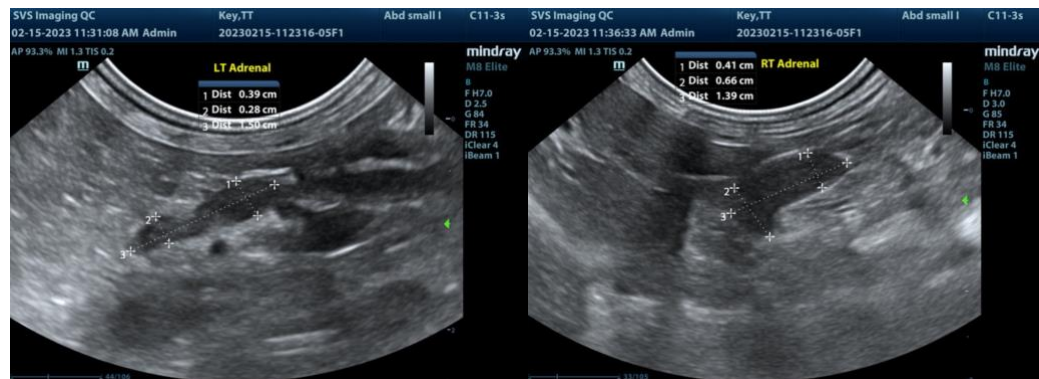
Dr. Narske

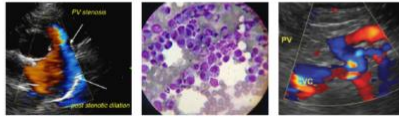
INVOICE

21119

DATE

2/15/23





PATIENT

TT Key

SPECIES

Canine

BREED

Chihuahua

SEX

Female Intact?

AGE

8 years

WEIGHT

4.3 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

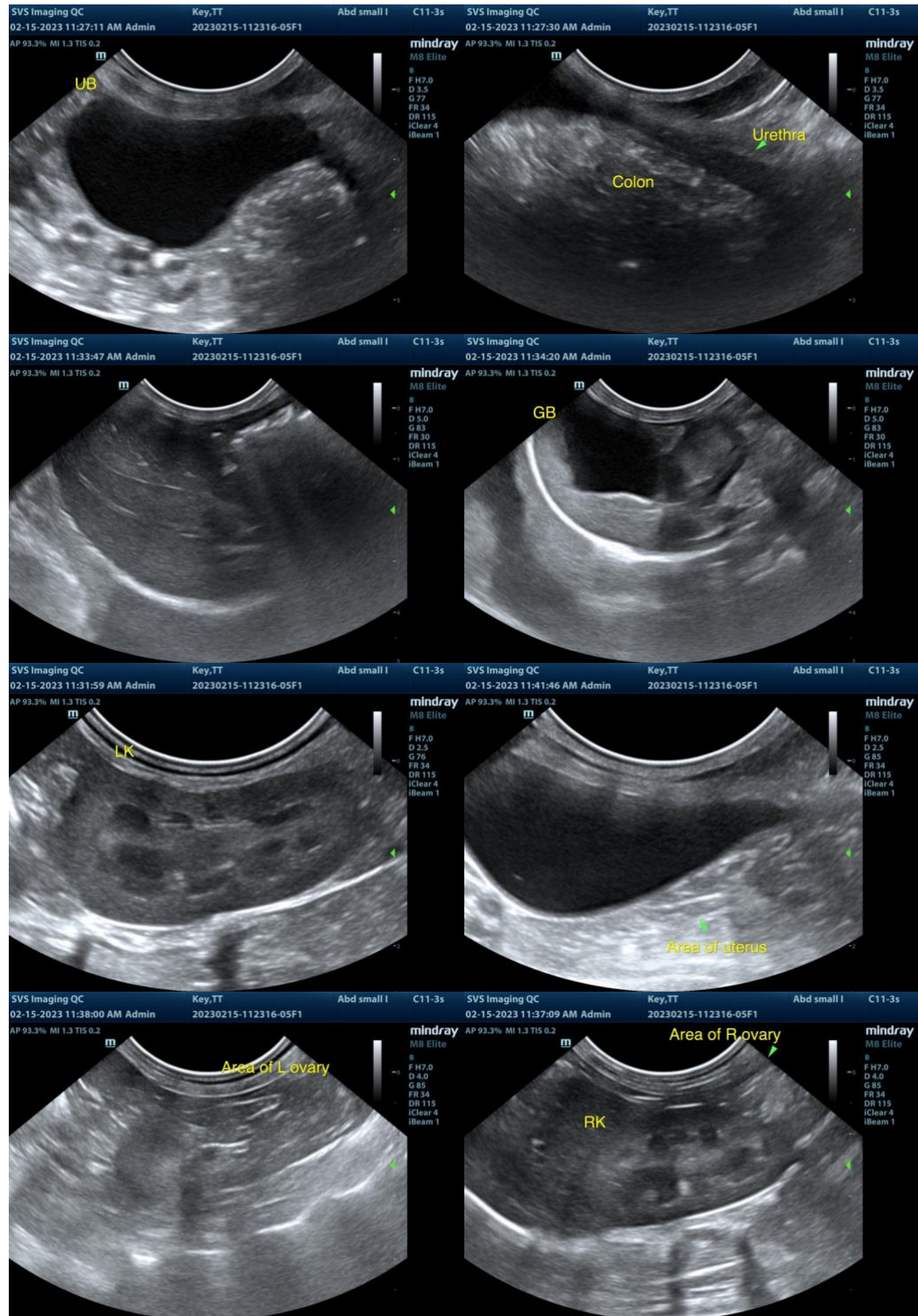
Dr. Narske

INVOICE

21119

DATE

2/15/23

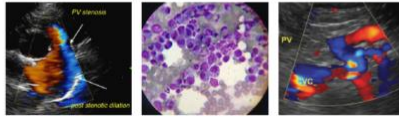


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I

IMAGING PERFORMED BY

svsmobileimaging.com 309-737-3070



 **SonoPath**
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™
1-800-838-4268 info@sonopath.com SonoPath.com

PATIENT

can be of any further assistance please contact me.

TT Key

SPECIES

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

Canine

BREED

Chihuahua

SEX

Female Intact?

AGE

8 years

WEIGHT

4.3 lbs.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Sarah Pender, CVT

HOSPITAL NAME

SVS Imaging QC

REFERRING VET

Dr. Narske

INVOICE

21119

DATE

2/15/23