



PATIENT

Francine Castellanos

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

15 years

WEIGHT

39 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Barengo

INVOICE

97093

DATE

3/22/22

PRESENTING CLINICAL SIGNS

History: Hematuria first noted early January.
Abnormal PE/Chem/CBC/UA Results: 2/1/22 ALT 176, ALP478, Amylase 1402. 3/7/22: Abd Rad: no bladder stones 3/8/22: Bladder tumor test: Positive and Urine C&S NEG

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed a concentric, cystourethral junction ventral wall mass. The bladder mass measured 2.93 x 1.62 cm and occupied the ventral wall and impinged upon the cystourethral junction. The mass extended 1.0 cm caudal from the cystourethral junction. This is strongly suggestive for urethral neoplasia. The pelvic urethra also presented minor polypoid thickening.

The **kidneys** 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. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.93 cm. The left kidney measured 6.0 cm.

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 0.5 cm. The right adrenal gland measured 0.5 cm at the cranial pole and 0.4 cm at the caudal 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 was noted.

Liver

The left **liver** revealed an expansive parenchymal mass that was deriving from the caudal aspect of the left lateral lobe. This is likely unrelated to bladder mass. The mass measures approximately 6.0 cm. The mass is expansive and irregular. The mass appears resectable. The remainder of the liver revealed coarse architecture. The gallbladder and common bile duct were unremarkable.



PATIENT

Francine Castellanos

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.

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

Pancreas

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.

AGE

15 years

ULTRASONOGRAPHIC FINDINGS

Non-resectable bladder mass, likely involving the urethra.

Left-sided liver mass, appears resectable. Suggestive for carcinoma. Possibility of complex hepatoma.

WEIGHT

39 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Oncological referral is recommended. Urethral stent placement and oncological intervention can be considered. Cystoscopy +/- laser ablation could be considered where available to ablate the bladder tumor along with left liver lobectomy. However, the prognosis long term is poor.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

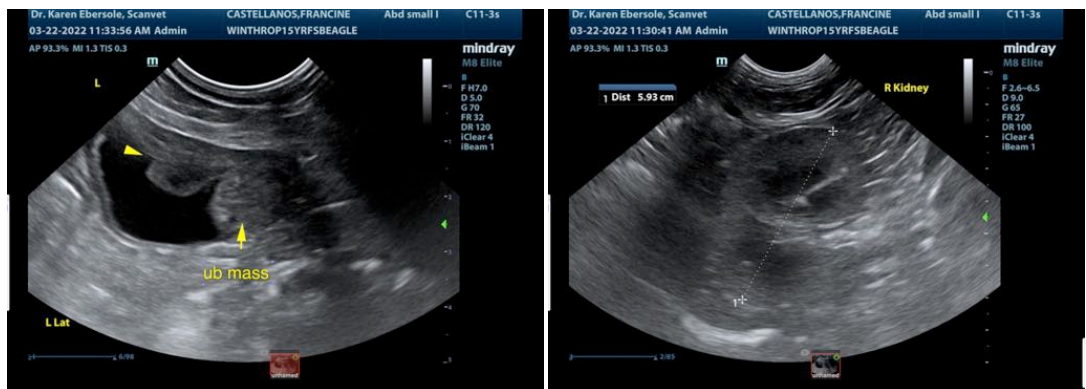
Dr. Barengo

INVOICE

97093

DATE

3/22/22





PATIENT

Francine Castellanos

SPECIES

Canine

BREED

Beagle

SEX

Spayed Female

AGE

15 years

WEIGHT

39 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

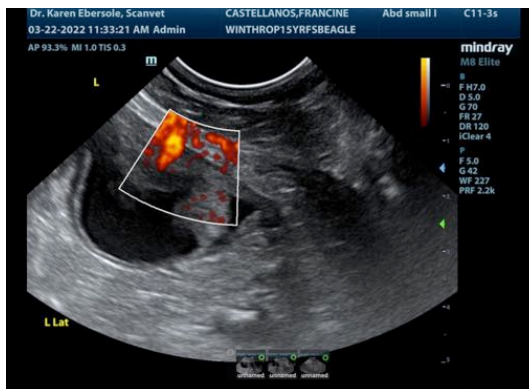
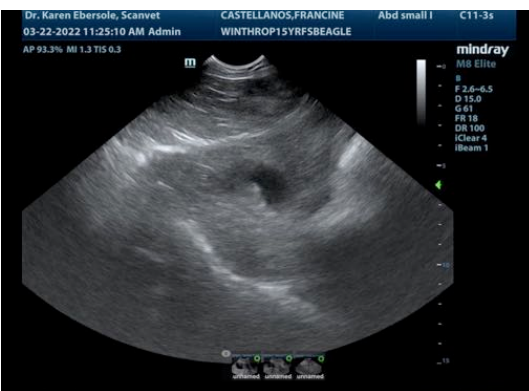
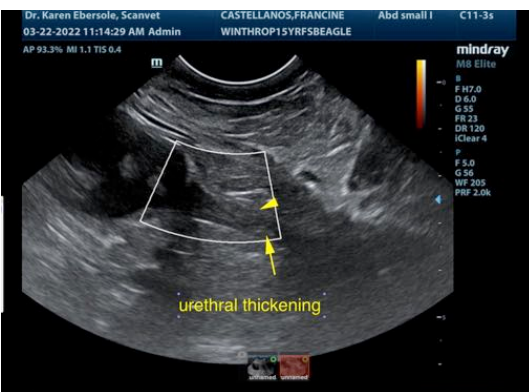
Dr. Barenjo

INVOICE

97093

DATE

3/22/22





PATIENT

Francine Castellanos

SPECIES

Canine

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.

BREED

Beagle

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.

SEX

Spayed Female

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

AGE

15 years

WEIGHT

39 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Ebersole

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Barengo

INVOICE

97093

DATE

3/22/22