



PATIENT

Bella Funk

SPECIES

Canine

BREED

Husky Mix

SEX

Intact Female

AGE

15 yrs

WEIGHT

9.8 kgs

INTERPRETED BY

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

IMAGING PERFORMED BY

Renee Trionfetti,
VMD

HOSPITAL NAME

Blue Pearl
Wyomissing

REFERRING VET

Blue Pearl
Wyomissing, ER

INVOICE

10649

DATE

2/25/26

PRESENTING CLINICAL SIGNS

History:

- AUS to further evaluate an intact female with uterine fluid appreciated on ER FAST scan. Clear fluid noted from vulva. O reported possible blood from vulva but unsure if from another dog in home. Suspect pyometra vs hydrometra vs mucometra vs heat cycle vs other. Initially presented to the ER for loss of balance and flopped over on bed, front limbs sprawled out and drooling. No LOC, no seizure activity, no loss of bowel or bladder.
- Hosp in ER overnight: IVF, Buprenorphine, Clavamox

Abnormal PE/Chem/CBC/UA Results: CBC: WBC 25.19 H, Neut 23.3, Plts 631, Hct 40.5% Chem: Glob 4.9 H, remainder NSF

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm 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 left and right ovaries were normal in size with mild asymmetrical contour exhibiting mild nonhomogeneous, nonmineralized parenchyma. The left ovary measured 2.3 cm diameter. The right ovary measured 1.7 cm in diameter.

The uterus was diffusely to mildly dilated with echogenic fluid, suggestive of fluid cellular component. The appearance of the uterus is most consistent with pyometra, although hydrometra, hematometra, or similar presentations are possible. Uterine diameter measured 1.7 cm.

A medial iliac lymph node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 1.5 cm x 0.47 cm.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 5.2 cm in length. The right kidney measured 5.0 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.44 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 0.39 cm width at the caudal pole.

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



PATIENT

Bella Funk

SPECIES

Canine

BREED

Husky Mix

SEX

Intact Female

AGE

15 yrs

WEIGHT

9.8 kgs

INTERPRETED BY

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

IMAGING PERFORMED BY

Renee Trionfetti,
VMD

HOSPITAL NAME

Blue Pearl
Wyomissing

REFERRING VET

Blue Pearl
Wyomissing, ER

INVOICE

10649

DATE

2/25/26

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.

Liver/ Gallbladder

The liver was subjectively normal in size, structure, and contour. Normal hepatic vascular volume was present. 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 containing primarily anechoic content with mild, non-congealed, variably hyperechoic, non-organized gallbladder debris. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented moderate dilation with anechoic to echogenic fluid and mild nonshadowing ingesta / chyme. There was no visualized evidence of obstruction to pyloric outflow.

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

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

Pancreas

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 was evident.

Free Abdomen

No evidence of omental lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

- Pyometra
- Moderate retained gastric fluid / nonshadowing ingesta, empty small intestine
- Age-related renal changes
- Congealed nonorganized gallbladder debris (non mucocele)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt sonographic evidence of uterine neoplastic criteria, which is thought less likely. There is no evidence of pyloric or upper small intestine obstructive criteria, which may suggest metabolic or functional gastric ileus. Pending further neurological assessment and if the patient is stable for anesthesia, laparotomy with ovariohysterectomy, gross inspection of the pyloric outflow and upper small intestine is recommended. Correlation with most recent heat cycle is suggested.



PATIENT

Bella Funk

SPECIES

Canine

BREED

Husky Mix

SEX

Intact Female

AGE

15 yrs

WEIGHT

9.8 kgs

INTERPRETED BY

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

IMAGING PERFORMED BY

Renee Trionfetti,
VMD

HOSPITAL NAME

Blue Pearl
Wyomissing

REFERRING VET

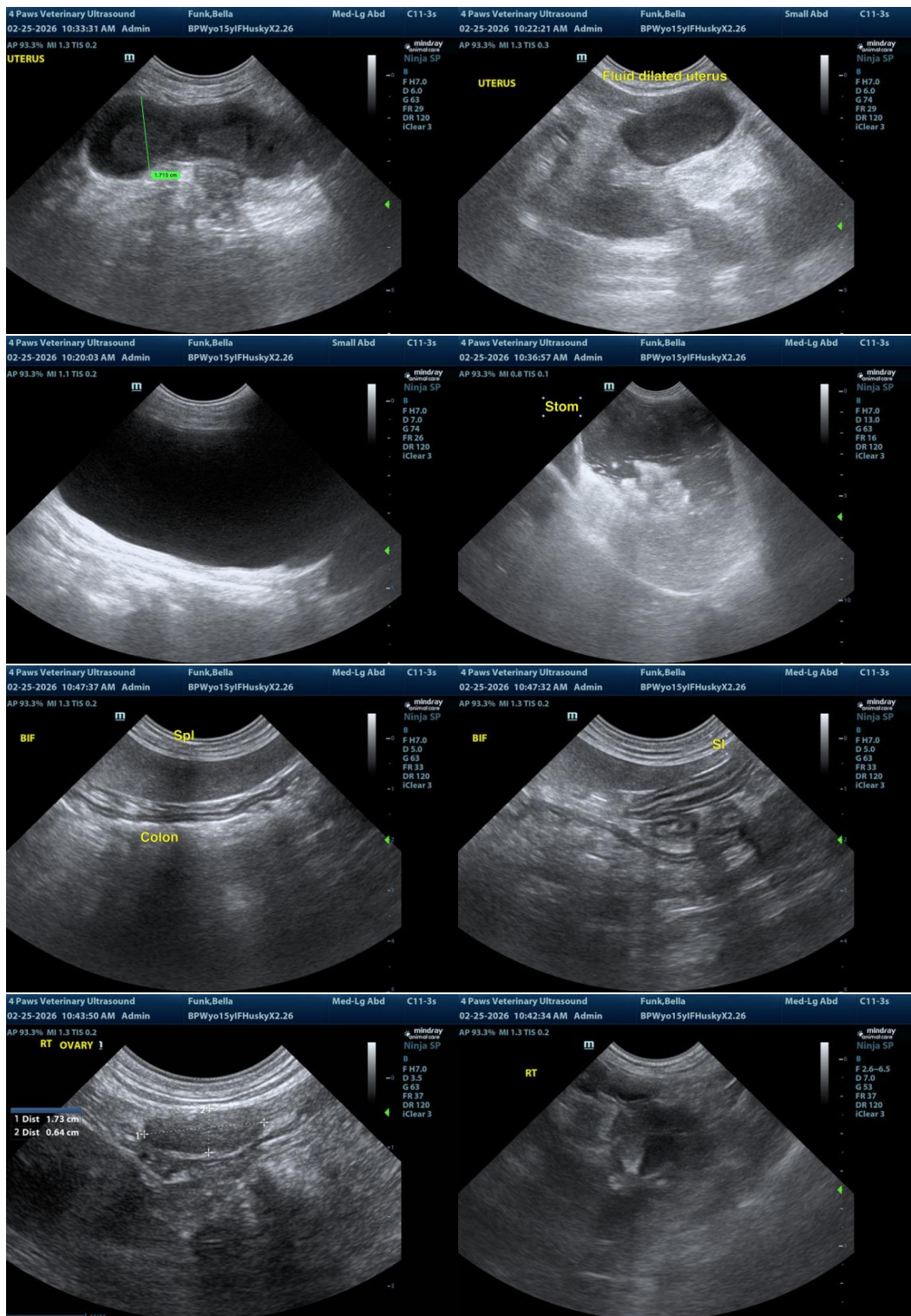
Blue Pearl
Wyomissing, ER

INVOICE

10649

DATE

2/25/26





PATIENT

Bella Funk

SPECIES

Canine

BREED

Husky Mix

SEX

Intact Female

AGE

15 yrs

WEIGHT

9.8 kgs

INTERPRETED BY

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

IMAGING PERFORMED BY

Renee Trionfetti,
VMD

HOSPITAL NAME

Blue Pearl
Wyomissing

REFERRING VET

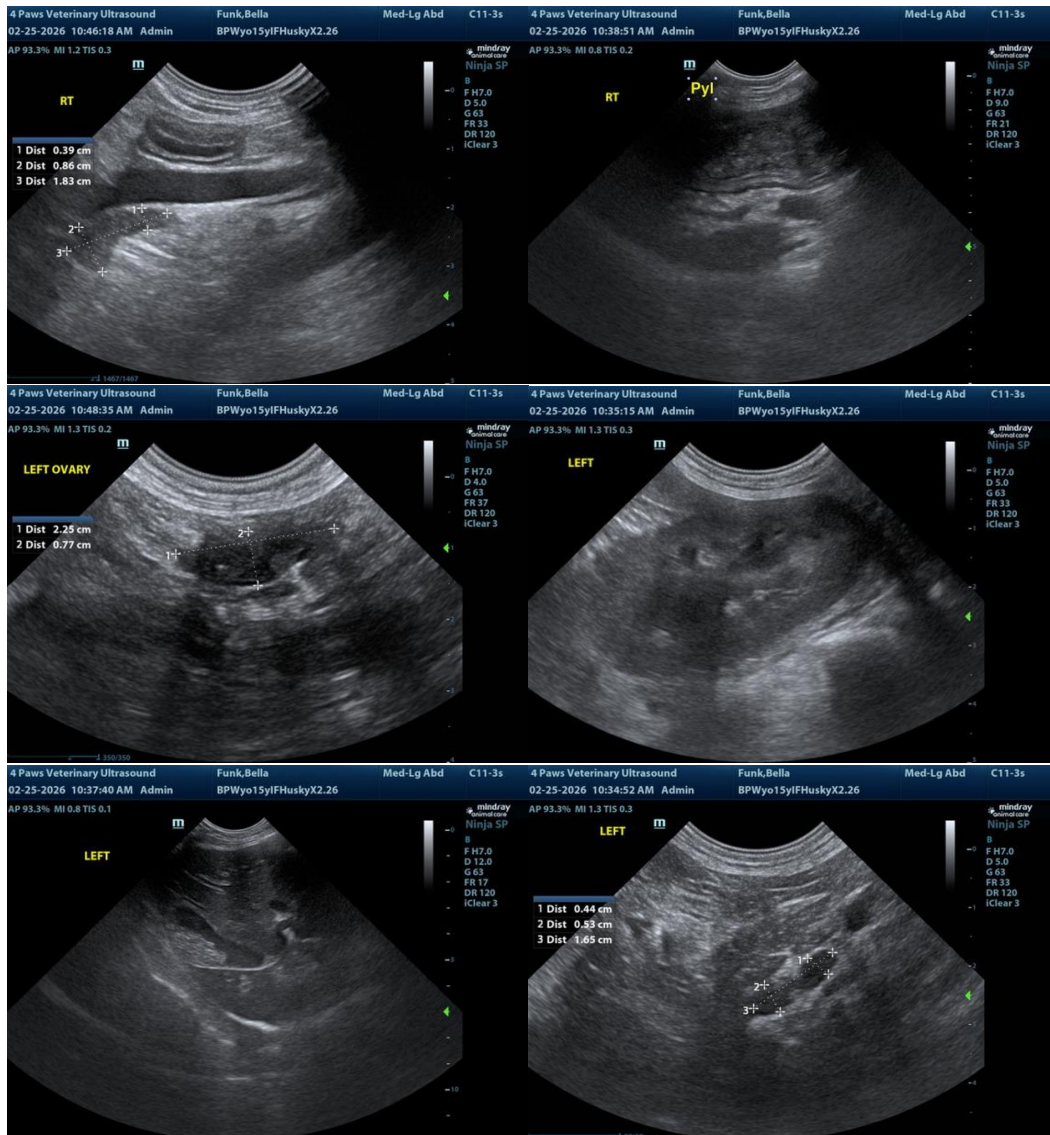
Blue Pearl
Wyomissing, ER

INVOICE

10649

DATE

2/25/26



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.

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