



PATIENT

Lola Taylor

SPECIES

Canine

BREED

Maltese

SEX

Intact Female

AGE

10 Years

WEIGHT

4 kg

INTERPRETED BY

Kim Radway, DVM,
DABVP (Canine/
Feline)

IMAGING PERFORMED BY

Catherine Alexander,
LVT

HOSPITAL NAME

NorthStar Veterinary
Sonography, PLLC

REFERRING VET

Dr. Phillips

INVOICE

16445

DATE

06/08/26

PRESENTING CLINICAL SIGNS

Patient presented on March 25 2026 to check a subdermal growth in groin area that grew in a month per O, right side, sent out aspirate of lump, results suggestive of edema/seroma or cyst, cause cannot be identified cytologically, Dr. noting it seemed to have a stalk, specialty surgeon wanted images to rule out a hernia, O also states that pet seems painful when petting her on the hip area, had her period about 2 weeks ago and it was heavier than usual, has dark urine, and currently not eating.

Radiographic Conclusions/Recommendations: 1. Evidence of significant distention of the uterine body and horns. Underlying pyometra, muco/hydro/hemometra, or early pregnancy could be attributable. A mass of neoplastic origin or other benign differential arising from the urogenital tract or other adjacent soft tissue organ of origin also cannot be entirely excluded radiographically. 2. Equivocal left inguinal swelling without evidence of regional aggressive bony pathology or acute bony trauma/fracture.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone and pelvic urethra presented with normal wall thicknesses with anechoic urine and normal tone. No uroliths or masses were noted in the lumen of the bladder. No evidence of inflammatory or neoplastic changes were noted. The ureters were not visible and considered normal.

Both **kidneys** were found to contain multiple anechoic renal cysts, with the larger cysts in the caudal aspect of the left renal pelvis measured 1.34 cm x 1.1 cm and 0.68 cm x 0.59 cm in size. Two smaller cysts were present in the right renal cortex with the larger measuring 0.57 cm x 0.47 cm in size. There was a mild degree of renal pelvic dilation present bilaterally with the left renal pelvis measuring 0.31 cm in width, and the right renal pelvis measuring 0.12 cm in width. Left kidney length was 5.37 cm. The right kidney length was 4.97 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 acceptable. The left adrenal gland measured 1.36 cm x 0.89 cm x 0.56 cm. The right adrenal gland measured 1.83 cm x 0.88 cm x 0.60 cm.

The reproductive tract was evaluated and found both ovaries to be normal in size, shape, and echogenicity. The left ovary measured 0.71 cm x 1.19 cm, and the right ovary measured 0.76 cm x 1.34 cm in size. The uterus was found to be large and fluid filled with a highly cellular effusion.

Spleen

The **spleen** presented with a smooth homogeneous parenchyma hyperechoic to liver and kidney. The capsule was smooth and linear in its contour. The splenic vasculature demonstrated normal volume without signs of congestion, significant contraction, or thrombosis.

Liver

The **liver** revealed normal size, contour, and structure. Parenchymal echogenicity was smooth and homogenous in appearance. Vascular and biliary tracts were of normal volume, and no evidence of congestion was noted.



PATIENT

Lola Taylor

SPECIES

Canine

BREED

Maltese

SEX

Intact Female

AGE

10 Years

WEIGHT

4 kg

INTERPRETED BY

Kim Radway, DVM,
DABVP (Canine/
Feline)

IMAGING PERFORMED BY

Catherine Alexander,
LVT

HOSPITAL NAME

NorthStar Veterinary
Sonography, PLLC

REFERRING VET

Dr. Phillips

INVOICE

16445

DATE

06/08/26

The gallbladder contents were hyperechoic in appearance and non-shadowing. The hyperechoic contents filled the entire lumen of the gallbladder. There were no choleliths present. The cystic and common bile ducts were normal. No periportal lymphadenopathy was evident.

Gastrointestinal

The **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. There was a small amount of gas in the lumen of the stomach. No obstructive or overt infiltrative disease was noted. No abnormal lymphatic activity was noted, and the abdomen was free of gastrointestinal masses. There was a small volume of free effusion present within the abdomen.

Pancreas

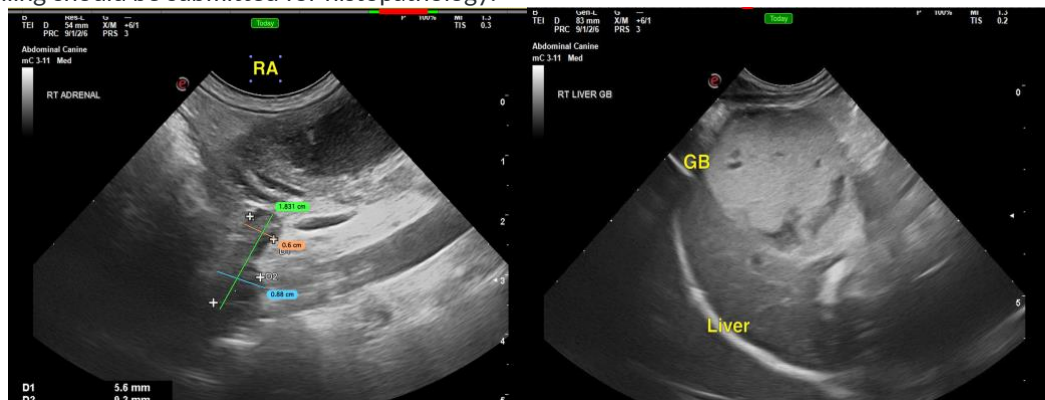
The right and left limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic capsular contour was acceptably normal. No overt evidence of active inflammatory or neoplastic disease was noted.

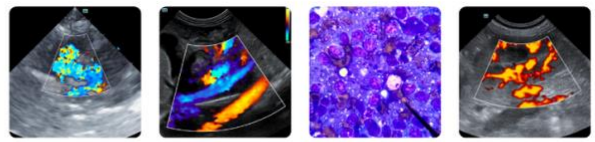
ULTRASONOGRAPHIC FINDINGS

- Large fluid filled uterus consistent with pyometra, mucometra or hydroureter.
- Small volume of free abdominal effusion.
- Hyperechoic debris within the lumen of the gallbladder.
- Multiple anechoic renal cysts.
- Mild bilateral renal pelvic dilation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This patient was found to have a very large fluid-filled uterus. The fluid appearance had a moderate number of cells present bringing a concern for pyometra. It is recommended to pursue an exploratory surgical procedure for an ovariohysterectomy, especially due to the concern of possible pyometra being present. Prior to surgery, it is recommended to obtain full blood work in order to better evaluate the underlying renal function, especially with the multiple renal cysts and mild renal pelvic dilation being present. The images provided of the groin swelling did confirm presence of anechoic fluid within the swelling. However, there was no specific identification of herniated organs or tissue from the abdomen into that space. It is recommended to explore that at the time of the abdominal exploratory procedure and spay. Histopathology of the uterine tissue and of any tissue found within the inguinal swelling should be submitted for histopathology.





PATIENT

Lola Taylor

SPECIES

Canine

BREED

Maltese

SEX

Intact Female

AGE

10 Years

WEIGHT

4 kg

INTERPRETED BY

Kim Radway, DVM,
DABVP (Canine/
Feline)

**IMAGING
PERFORMED BY**

Catherine Alexander,
LVT

HOSPITAL NAME

NorthStar Veterinary
Sonography, PLLC

REFERRING VET

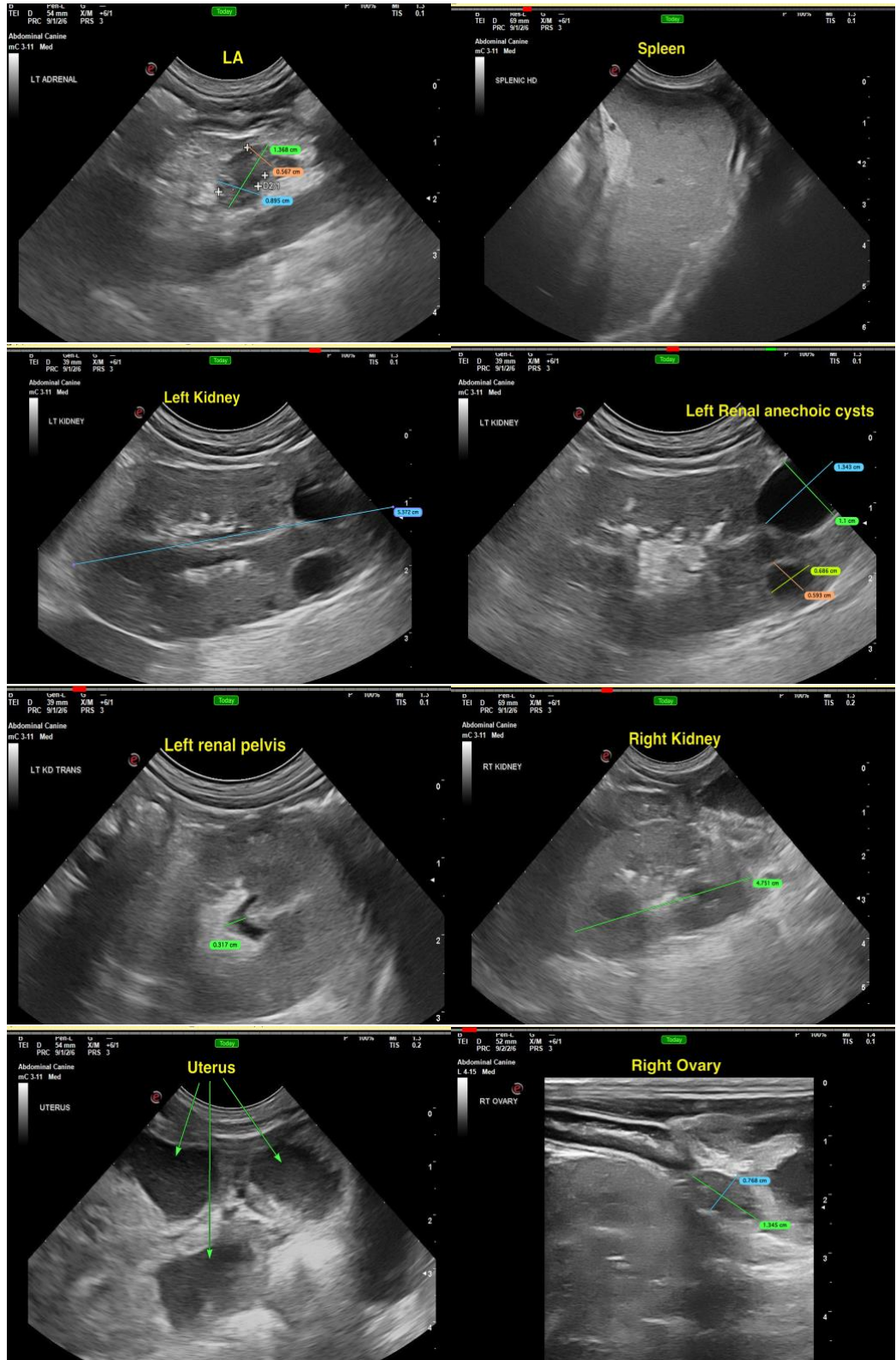
Dr. Phillips

INVOICE

16445

DATE

06/08/26





PATIENT

Lola Taylor

SPECIES

Canine

BREED

Maltese

SEX

Intact Female

AGE

10 Years

WEIGHT

4 kg

INTERPRETED BY

Kim Radway, DVM,
DABVP (Canine/
Feline)

IMAGING PERFORMED BY

Catherine Alexander,
LVT

HOSPITAL NAME

NorthStar Veterinary
Sonography, PLLC

REFERRING VET

Dr. Phillips

INVOICE

16445

DATE

06/08/26

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.

Kim Radway, DVM, DABVP (Canine/ Feline)

info@SonoPath.com