



**PATIENT**

Pippin Marcus

**PRESENTING CLINICAL SIGNS**

History: Intermediate cell size Lymphoma. Check for metastasis before chemo. No current meds.

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

*Urinary System*

**BREED**

French Bouvier

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

**SEX**

Male, neutered

The prostate is normal in size (1.32 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

**AGE**

3 Yrs.

The left kidney is normal size (7.05 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

**WEIGHT**

83.5 lbs.

The right kidney is normal size (6.14 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

*Adrenal Glands*

**INTERPRETED BY**

Andrea Nicastro, DVM,  
Diplomate ACVIM  
(Small Animal Internal  
Medicine)

The left adrenal gland is normal size (0.78 cm at cranial pole) (0.51 cm at caudal pole) (2.62 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.87 cm at cranial pole) (0.59 cm at caudal pole) (1.86 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

**IMAGING PERFORMED BY**

Jessica Miller

*Spleen*

**HOSPITAL NAME**

Basking Ridge AH

The spleen is normal in size (2.40 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

*Liver*

**REFERRING VET**

Dr. Hollo

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

**INVOICE**

13856

*Gastrointestinal*

**DATE**

8/22/22



## PATIENT

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The gastric lumen is mildly distended with ingesta. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

## SPECIES

Canine

### *Pancreas*

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

## BREED

French Bouvier

### *Free Abdomen*

There is no evidence of free fluid. Several enlarged medial iliac and sublumbal lymph nodes are visualized. The nodes are rounded and hypoechoic, the largest measures 5.01 cm in length.

## SEX

Male, neutered

## AGE

3 Yrs.

## ULTRASONOGRAPHIC FINDINGS

- Caudal abdominal lymphadenopathy. Given the patient's history, this finding is concerning for lymphoma.

## WEIGHT

83.5 lbs.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- To confirm lymphoma in the abdomen, consider fine needle aspirates of the caudal abdominal lymph nodes (if clotting status is appropriate).
- Three-view thoracic radiographs are also recommended to assess for lymphadenopathy in the chest, if not already performed.
- Consider a consultation with a board-certified oncologist for further diagnostic and treatment recommendations.

## INTERPRETED BY

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Diplomate ACVIM  
(Small Animal Internal  
Medicine)

## IMAGING PERFORMED BY

Jessica Miller

## HOSPITAL NAME

Basking Ridge AH

## REFERRING VET

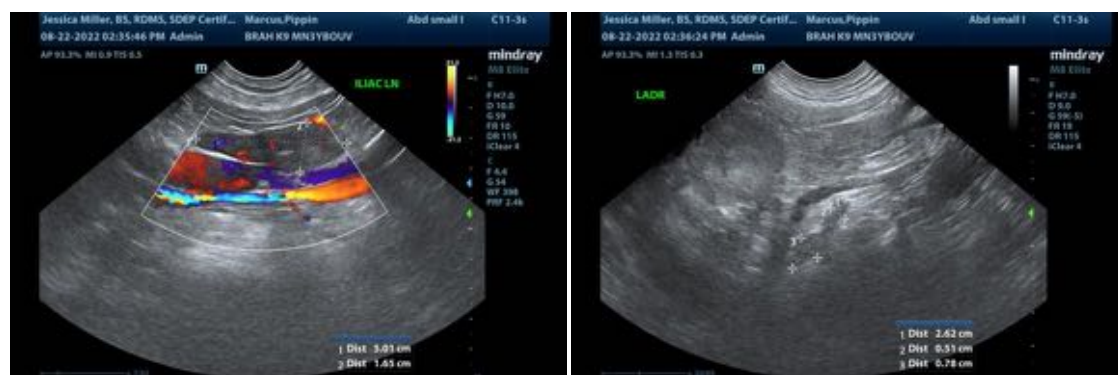
Dr. Hollo

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**SPECIES**

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**SEX**

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**AGE**

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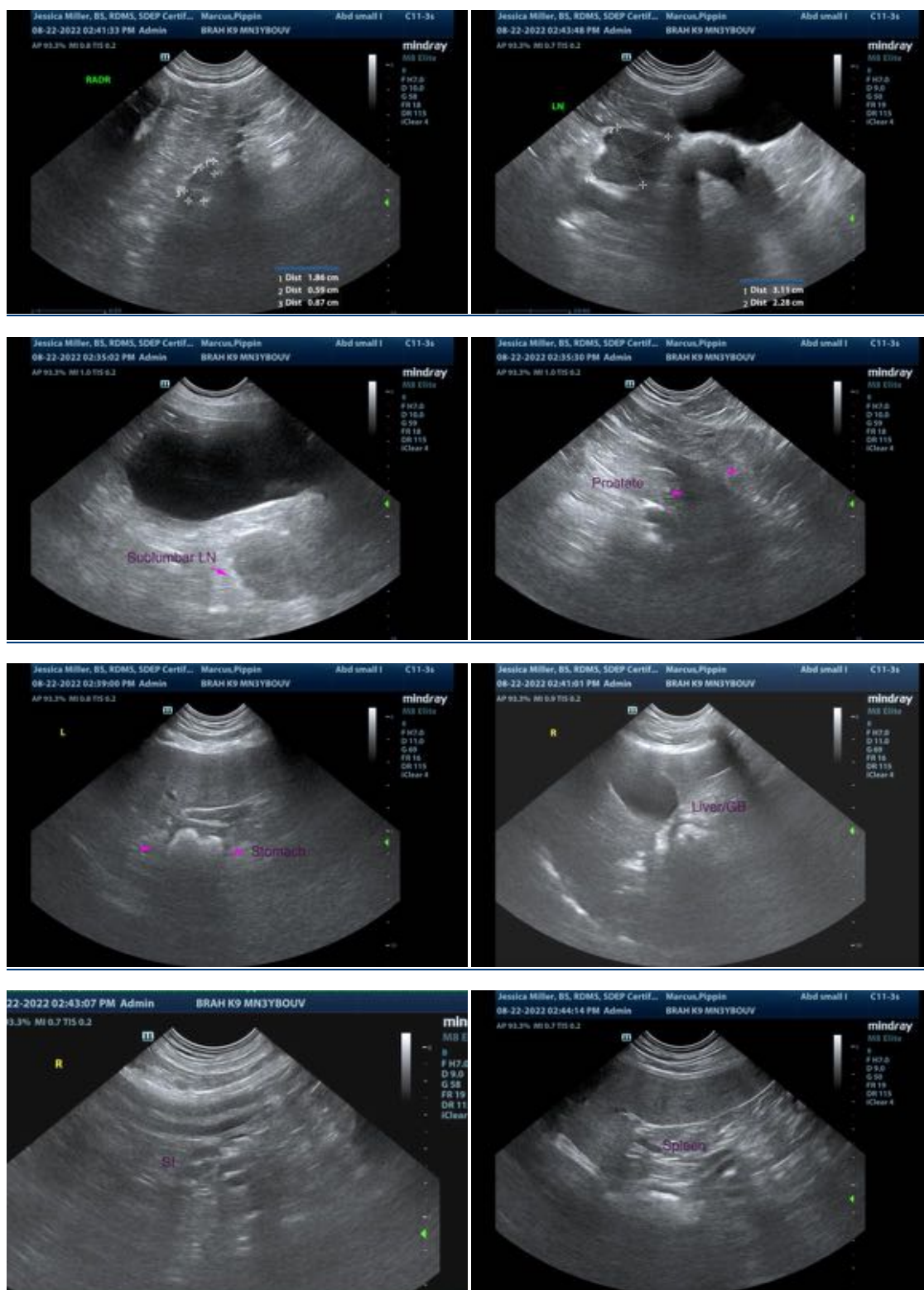
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



**PATIENT**

Pippin Marcus

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.

**SPECIES**

Canine

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)  
info@SonoPath.com

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