



## PATIENT

Sandy Griffin

## SPECIES

Canine

## BREED

Mix

## SEX

Spayed female

## AGE

4 years

## WEIGHT

50 lbs

## INTERPRETED BY

Dr. Alicia Angosto  
Guerrero

## IMAGING PERFORMED BY

Jessica G

## HOSPITAL NAME

Montville AH

## REFERRING VET

Dr. Schubert

## INVOICE

69395

## DATE

12/17/25

## PRESENTING CLINICAL SIGNS

History: mast cell tumor on base of tail

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder lumen is normally distended, and the bladder wall appears thin and smooth. The urine is anechoic. The bladder neck and proximal urethra have a normal appearance. There are no calculi and no evidence of inflammatory or neoplastic changes.

The left kidney is normal in shape and size, measuring 5.17×3.42 cm, with a cortical thickness of 0.35 cm in the sagittal plane. The right kidney is normal in shape and size, measuring 4.94×2.58 cm, with a cortical thickness of 0.45 cm in the sagittal plane. Both kidneys: The renal cortex is isoechoic compared to the liver parenchyma. The corticomedullary ratio and corticomedullary definition are preserved. There is no evidence of pyelectasia, nephroliths, or hydronephrosis. Color Doppler demonstrates a normal perfusion pattern.

### Adrenal Glands

The left adrenal gland could not be visualized in the provided videos. The right adrenal gland measures 0.55 cm at the cranial pole and 0.50 cm at the caudal pole.

### Spleen

Splenic thickness is 2.23 cm. The splenic parenchyma demonstrates normal echogenicity and a fine, homogeneous echotexture without focal parenchymal abnormalities. The splenic capsule is smooth and regular. Splenic vasculature appears normal.

### Liver

The liver is subjectively normal in size, with sharp edges and a regular contour. The hepatic parenchyma appears uniform and isoechoic compared to the falciform fat, with a normal echotexture. No hepatic lymphadenopathy is observed.

The gallbladder lumen is normally distended. The wall is thin, and the contents are primarily anechoic. No dilation of the cystic duct or common bile duct is observed.

### Gastrointestinal

The stomach is nearly empty, containing a small amount of residual ingesta, with preserved wall layering and a mural thickness of 3.38 mm.

The pylorus measures approximately 4.02 mm.

The duodenum measures 3.37 mm.



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The jejunum measures approximately 2.59 mm, and the ileum measures approximately 1.66 mm. Wall layering is preserved throughout. Individual intestinal wall layers were not measured. The ileocecal junction was not visualized. No signs of obstruction, ileus, or foreign material are identified.

The colon wall measures 0.98 mm, with formed feces in the descending segment.

### ***Pancreas***

The pancreas could not be clearly visualized; however, the evaluated regions do not demonstrate sonographic evidence of inflammation.

### ***Peritoneal Cavity***

No abdominal effusion or peritonitis is observed. Cranial mesenteric lymph nodes are not visualized, and the surrounding regions appear unremarkable. The iliac trifurcation is normal.

## **ULTRASONOGRAPHIC FINDINGS**

No ultrasonographic evidence of abdominal metastatic disease is identified.

## **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The liver and spleen appear normal in size and echotexture, without focal lesions or diffuse changes suggestive of metastatic disease. No abdominal lymphadenopathy or effusion is identified.

The remainder of the abdominal organs appear within normal limits, and there are no ultrasonographic findings to suggest systemic mast cell disease at this time.

### Recommendations

- Correlate with clinical staging of the mast cell tumor, including cytologic or histopathologic grading.
- Routine clinical and imaging follow-up may be considered based on tumor grade and clinical progression.



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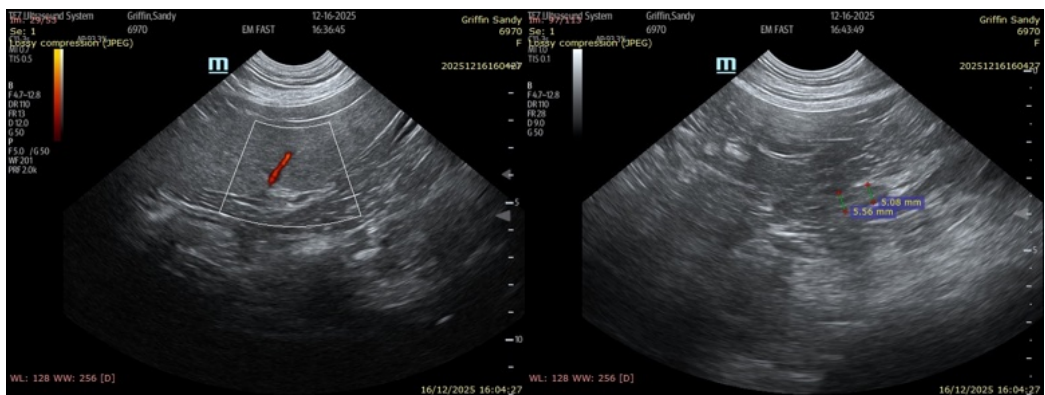
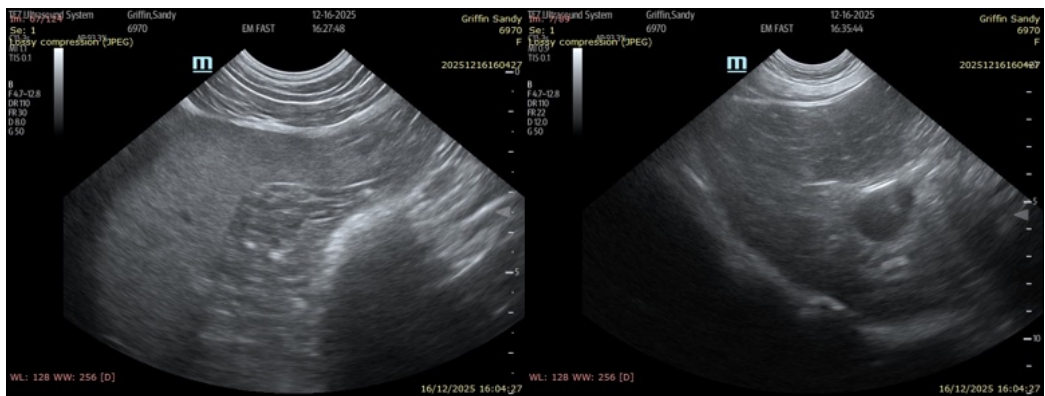
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Alicia Angosto Guerrero, DMV, PgDip, MSc.

MV Esp Ultrasound in Domestic and Wild Animals

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