



**PATIENT PRESENTING CLINICAL SIGNS**

**PATIENT** Bailey Branham History: 1-month duration of intermittent hyporexia, vomiting, diarrhea, PuPd, and decreased energy.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

**BREED** CBC: N/A.

GSD Serum Biochemistry: N/A.

Radiographic Findings: N/A.

**SEX**

MN

**Age**

6 years

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal thickness and echogenic appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

**WEIGHT**

108 #

Normal trigone area, proximal urethra (0.9 cm), and iliac blood vessels.

Normal iliac lymph nodes (2.7 cm). Ureters not visualized.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD, Dipl.  
ECVIM

Normal size (left 8.1 cm, right 8.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

Small hypoechogenic prostate (1.3 cm).

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**Adrenal Glands**

Normal position, shape, echogenic appearance, and size. Left 0.66/0.69 cm, right 0.68 cm.

**HOSPITAL NAME**

Lake Emma Animal Hospital

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Large irregular mottled echogenic irregular cavitary mass (11.9 x 12.3 cm) in the head of the spleen. Cavitary mottled echogenic parenchymal nodule (2.1 x 2.7 cm) in the body of the spleen with bulging of the overlying capsule.

**REFERRING VET**

Dr Groberg

**Liver**

**INVOICE**

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Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident.

**DATE**

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**Gall bladder**

Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).



**PATIENT** *Gastrointestinal*

Bailey Branham Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.3 cm, duodenum 0.45 cm, jejunum 0.32 cm, colon 0.18 cm) and peristalsis, and no distension of the lumen.

**SPECIES**

Canine

*Pancreas*

Normal size (right 1.5 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**BREED**

GSD

*Free Abdomen*

**SEX**

Normal mesenteric lymph nodes (1.7 cm).

**MN**

Large amount of cellular ascites present.

Multiple hypoechogenic mesenteric nodules (up to 1.4 x 1.7 cm in size) present.

**Age**

*Thorax*

6 years

Normal appearance of the heart with no obvious right atrial or auricle nodule/mass evident. No pericardial or pleural effusion evident.

**WEIGHT**

108 #

**ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Splenic mass.
- Mesenteric nodules.
- Ascites.

Secondary Findings:

- None.

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The appearance of the spleen and presence of mesenteric nodules would be consistent with metastatic hemangiosarcoma with secondary hemabdomen.

Further assessment would be 3-view thoracic radiographs.

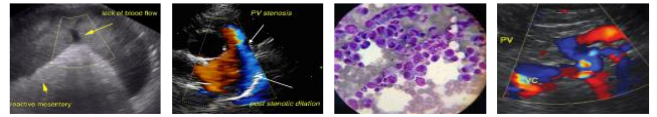
At this point palliative therapy and possibly a laparotomy to address the hemorrhage would be indicated.

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**DATE**

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**PATIENT**

Bailey Branham

**SPECIES**

Canine

**BREED**

GSD

**SEX**

MIN

**Age**

6 years

**WEIGHT**

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ECVIM

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**DATE**

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**IMAGES**

**Spleen**





**PATIENT** Mesentery/ascites

Bailey Branham

**SPECIES**

Canine

**BREED**

GSD

**SEX**

MN

**Age**

6 years

**WEIGHT**

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 ECVIM

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Dr Groberg



**Mesentery**



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**DATE**

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
[rlobetti@mweb.co.za](mailto:rlobetti@mweb.co.za)