

PATIENT

Karina Albino

SPECIES

Canine

BREED

Bullterrier Mix

SEX

SF

AGE

8 Years

WEIGHT

48.4 lbs

INTERPRETED BY

Sebastian Jawinski,
German Board Certified
Vet Specialist in
Diagnostic Imaging

IMAGING PERFORMED BY

Dr. Ferrer

HOSPITAL NAME

Paseos Veterinary
Center

REFERRING VET

Dra. Davila

INVOICE

48989

DATE

12-13-21

PRESENTING CLINICAL SIGNS

Presented for a referral emergency abdominal ultrasound to evaluate severe anemia. Patient has a history of hemangiomas for 2 years ago. Multiples surgeries of mass removals (cutaneous). Wants to evaluate for possible metastasis or causes of anemia. Last surgery and blood transfusion were performed on November 26, 2021. Last CBC on 12/13/21 (HGB: 3.4 g/dl) (HCT: 11.6%)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Spleen

The spleen impresses with a very large, highly inhomogeneous and unstructured/amorphous mass measuring > 4.8 cm located in the cranial splenic section. Another rounded mass, again highly inhomogeneous is detected more caudally measuring 3.4 cm.

Liver/Gallbladder

Liver images present at least three hyperechoic nodules, each with ill-defined margins and a central hypoechoic area.

Liver echogenic texture appears generally hyperechoic and inhomogeneous.

Gastrointestinal

The stomach, the small intestine and colon present intact wall layers being normal in width and echogenicity. Adjacent mesentery and fat tissue are hyperechoic and partially irregular due to the peritoneal free fluid.

Pancreas

All pancreatic parts displayed appear mildly hyperechoic in the presence of free fluid, margins are mildly irregular.

Free Abdomen

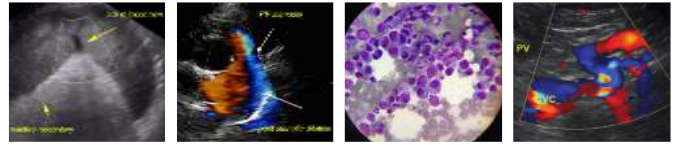
There is a moderate amount of free, corpuscular fluid detected. Several nodule-like, peritoneal lesions are recognized. The medial iliac lymph nodes are moderately enlarged.

ULTRASONOGRAPHIC FINDINGS

- Peritoneal free fluid: abdominal hemorrhage/bleeding is highly suspected due to a ruptured splenic mass
- Splenic and hepatic metastases are highly suspected
- Peritoneal and medial iliac lymph node metastases are highly suspected

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasonographic findings are nearly pathognomonic for a ruptured splenic mass as commonly seen with hemangiosarcoma or other aggressive/neoplastic lesions. Hepatic, peritoneal and lymph node metastases are very likely. The larger splenic mass represents most probably the origin of bleeding/anemia. I fear curative surgery will not be possible in the presence of abdominal metastasis. Laparotomy could be performed as a try to stop the bleeding and to get biopsies in order to confirm the assumed diagnosis of advanced malignant neoplasia.



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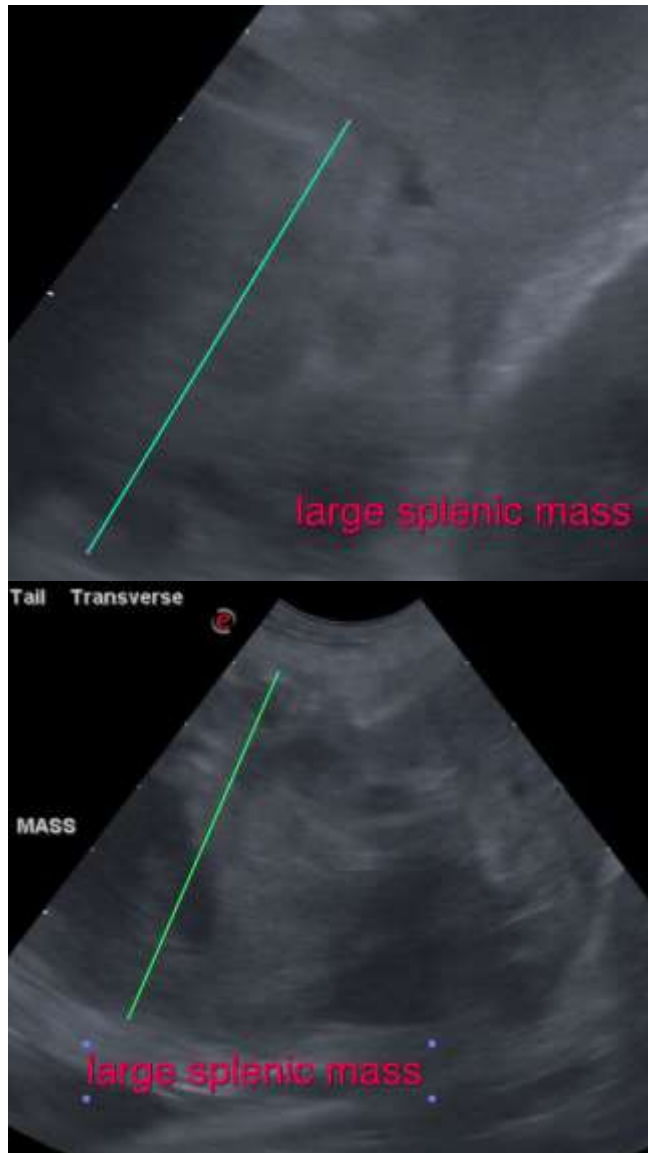
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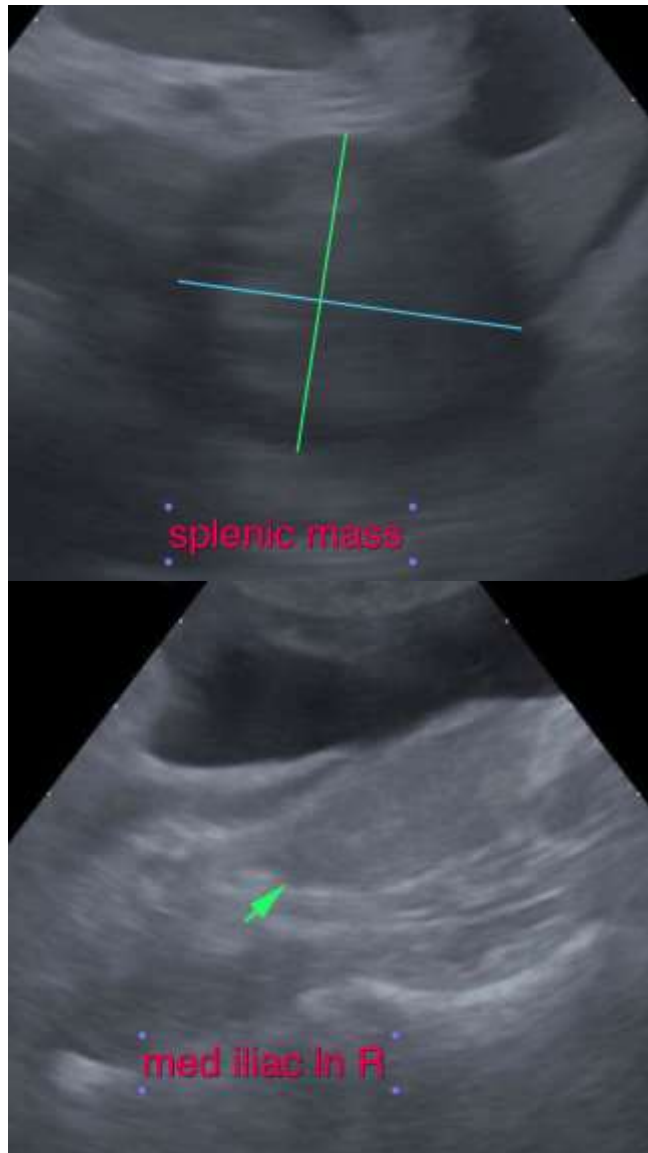
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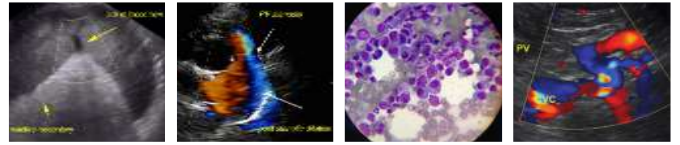
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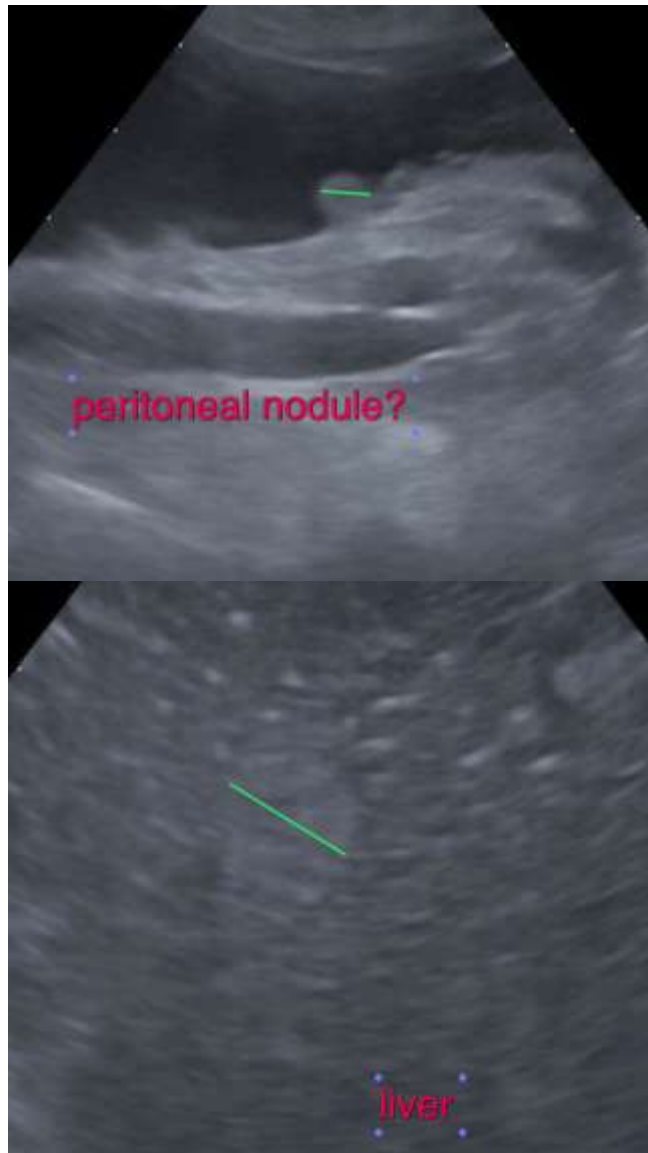
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
info@sonopath.com