**PATIENT**Lucy VanBommel
(47845A)**SPECIES**

Canine

BREED

Bichon Frise Mix

SEX

FS

AGE

11 Years

WEIGHT

17 lbs

INTERPRETED BYSebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging**IMAGING
PERFORMED BY**

Dr. Gromalak

HOSPITAL NAME

SVS Imaging

REFERRING VET

Dr. Silbernagel

INVOICE

49478

DATE

1-11-22

PRESENTING CLINICAL SIGNS

suspect gall bladder mucocele, surgical planning. Stable but vomiting.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**Urinary system**

The urinary bladder, trigone and pelvic urethra present normal findings without evidence of uroliths or sediment. Wall layering is intact on all views without focal or diffuse thickening. Ureters are not visualized and considered to be normal. No evidence of an inflammatory or neoplastic process is noted.

Both kidneys are age-appropriate and inconspicuous. Renal pelvises and exits to the ureters are unremarkable.

Adrenal glands

Both present normal size, shape and echogenic texture.

Spleen/Pancreas

The spleen presents a large hypoechoic and cystic mass in its central part measuring 3.33 x 2.45 cm. The splenic/portal lymph nodes are highly enlarged, rounded in shape and show a hyperechoic periphery. The left parts of the pancreas reveal an irregular, undulating surface and a markedly hypoechoic and inhomogeneous echotexture again with a hyperechoic periphery which can be traced into the pyloric region.

Liver/Gallbladder

There are multiple target lesions of different sizes recognized partially protruding the liver surface.

The gallbladder shows a significant kiwi fruit-like pattern with hypoechoic striations and central hyperechoic sludge. The periphery presents highly hyperechoic changes with a distended common bile duct. The lymph nodes are moderately enlarged again showing a hyperechoic periphery.

Gastrointestinal

The stomach, the small intestine and colon present intact wall layers being normal in width and echogenicity. Adjacent mesentery and fat tissue are of normal appearance.

The mesenteric lymph nodes are considered to be normal.

Free Abdomen

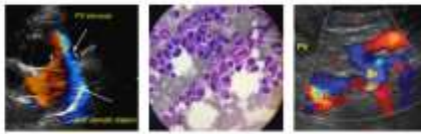
There is no evidence of peritoneal or retroperitoneal effusion noted. The para-aortal and medial iliac lymph nodes are considered to be normal.

ULTRASONOGRAPHIC FINDINGS

- Large, inhomogeneous splenic mass
- Multiple hepatic target lesions
- Severe portal/splenic and hepatic lymphadenopathy
- Gallbladder mucocele with signs of a chronic and active cholangitis/pancreatitis

IMAGING PERFORMED BY

SVS Mobile Imaging 262-366-5970
fredgromalak@gmail.com



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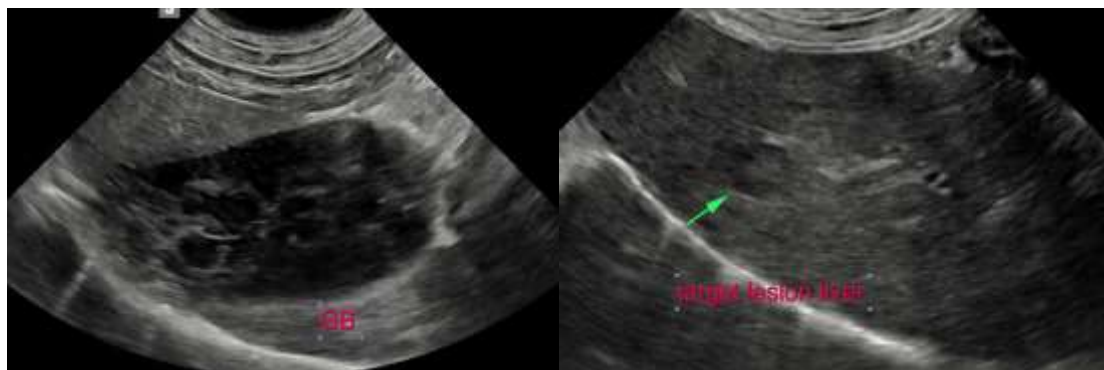
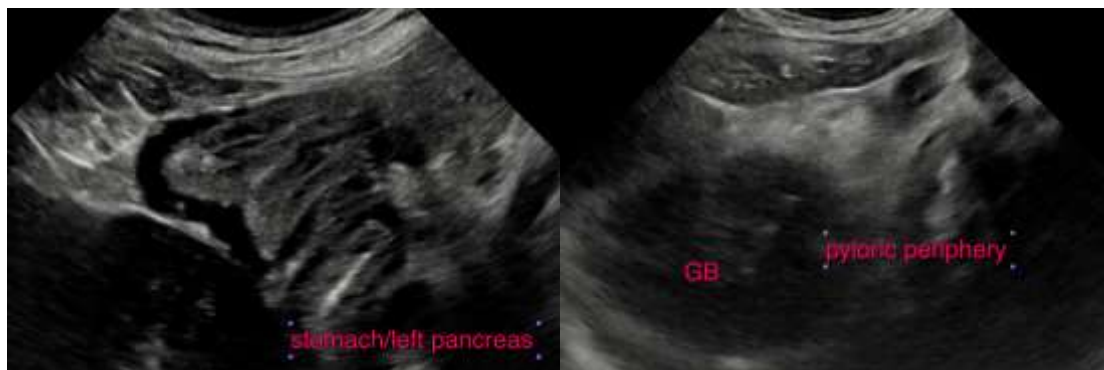
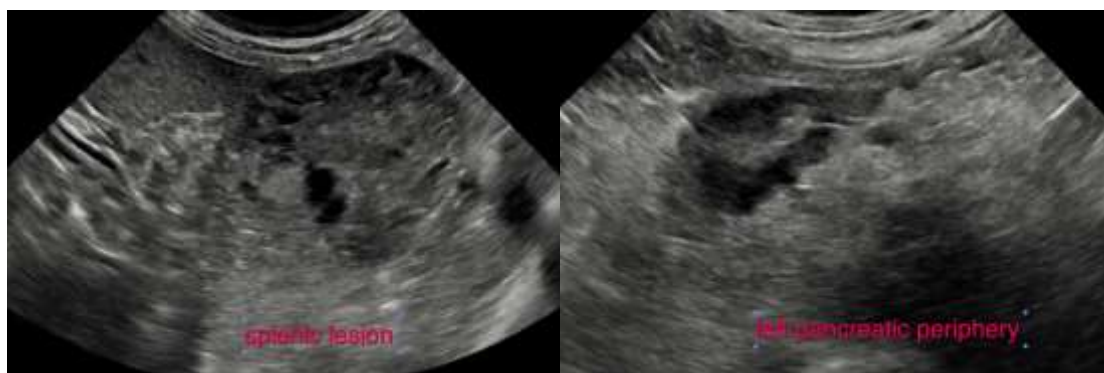
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

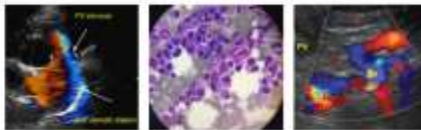
Ultrasonographic findings are highly suspicious for malignant splenic neoplasia with regional lymphatic metastases and multiple liver metastases (please check for pulmonary/heart metastases). Metastatic hemangiosarcoma is assumed.

Ultrasonographic findings of the gallbladder most likely reflect the patient's history and speak for a mucocele of the gallbladder and an active but chronic pancreatitis. Rupture is currently not suspected. Cholestasis, secondary cholangitis/-cystitis, pancreatitis and gastritis/duodenitis are common concomitant findings.



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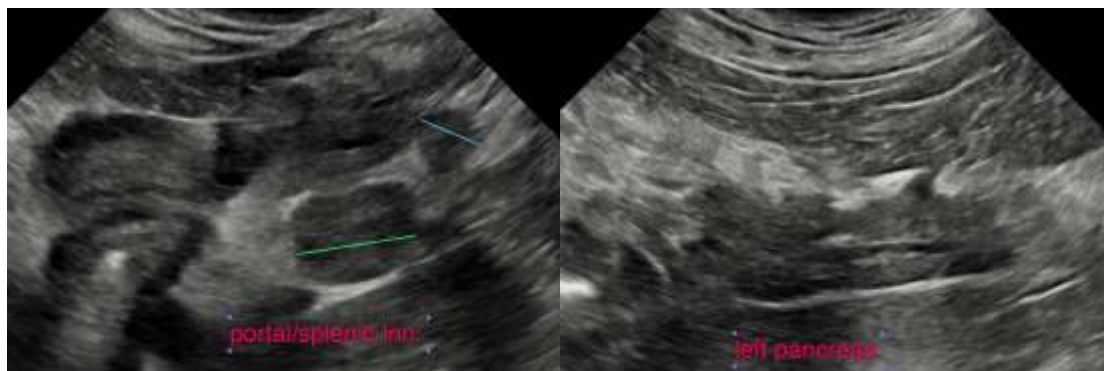
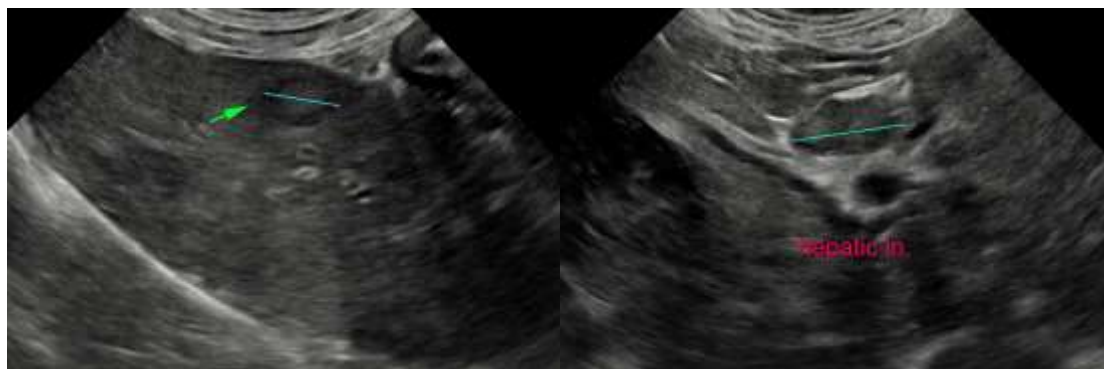
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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