

## PATIENT

Brownly Perez

## SPECIES

Canine

## BREED

Mixed Lab

## SEX

Neutered Male

## AGE

12 Years

## WEIGHT

76.6 lbs

## INTERPRETED BY

Sebastian Jawinski,  
German Board Certified  
Vet Specialist in  
Diagnostic Imaging

## IMAGING PERFORMED BY

Dr. G. Ferrer, DVM

## HOSPITAL NAME

Paseos Veterinary  
Center

## REFERRING VET

Dr. Marilyn Davila  
Morales

## INVOICE

49278

## DATE

12-28-21

## PRESENTING CLINICAL SIGNS

Presented as a referral for an abdominal ultrasound to evaluate recently found Hemoabdomen. Hx: Urinary incontinence and distended abdomen. PE: ear infection on AS (1+ rods). otherwise WNL. Slightly distended abdomen. On x-rays: free fluid? Plan: abdominal ultrasound. Tx. Enrofloxacin 168mg SID x 10d

Abnormal PE/Chem/CBC/UA Results: Abdomino Centesis: Blood Chem WNL CBC 12/21/2021 Anemia: Hgb 12 g/dL, HCT 36%, MCH 20.8pg Leukocytosis: WBC on 30.67 K/microL (neutrophilia, monocytosis & basophilia) CBC 12/27/2021 Low MCH. Normal Low Hgb and HCT Increased retic count. Leukocytosis: WBC on 51.65 K/microL. (Monocytosis and Basophilia)

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

The abdominal ultrasound shows multiple nodules in multiple locations including liver, spleen, pancreas, peritoneum and the abdominal lymph nodes as well as the urinary bladder wall. Liver and spleen present an undulating surface with multiple target lesions of different sizes partially protruding the surface. There is at least one liver nodule with an irregular outline of the hepatic capsule recognized. The peritoneum impresses with areas of severe thickening and multiple nodule formations partially crossing into the extra-peritoneal region. The right medial iliac and several mesenteric lymph nodes show moderate enlargement, rounding of the margins and a hypoechoic echogenicity. A moderate amount of free peritoneal fluid is recognized.

## ULTRASONOGRAPHIC FINDINGS

- Multiple nodules including peritoneum, liver, spleen, pancreas, urinary bladder and lymph nodes
- Suspected ruptured hepatic nodule
- Moderate ascites/hemoperitoneum/effusion

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasonographic findings are highly suspicious for an advanced, malignant and metastatic process. The multiple target lesions of the liver and spleen are suspicious for metastases of another primary neoplasia. Differentials include but are not limited to mesothelioma, lymphoma and hemangiosarcoma. I would rule out an inflammatory process. Curative surgery will not be possible from a sonographic point of view.





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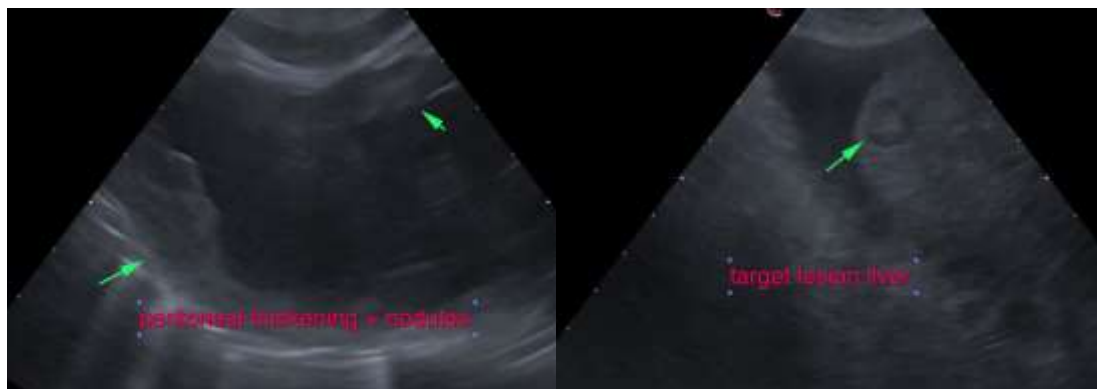
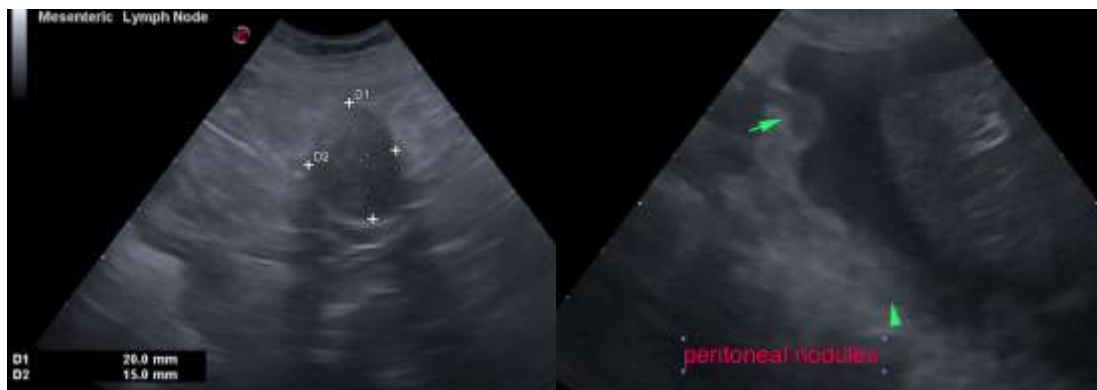
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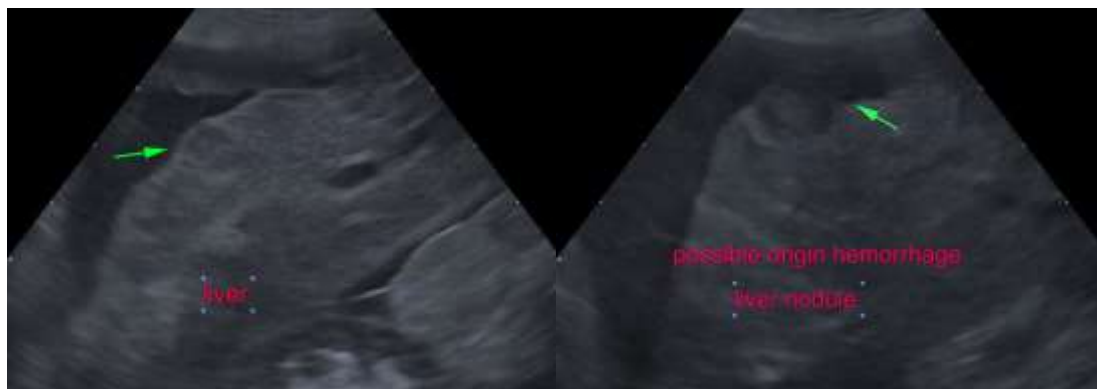
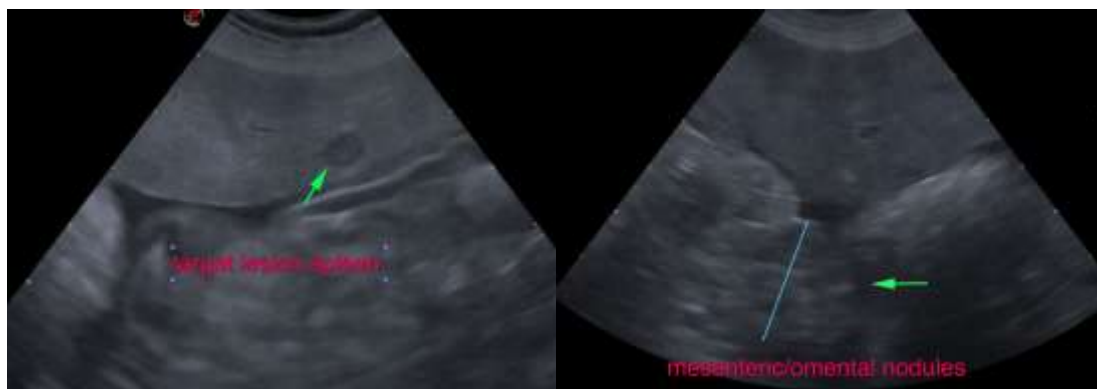
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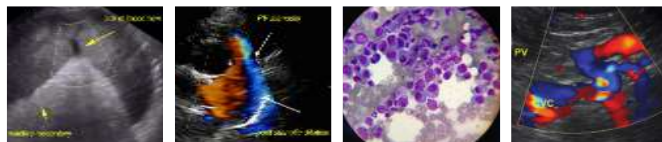
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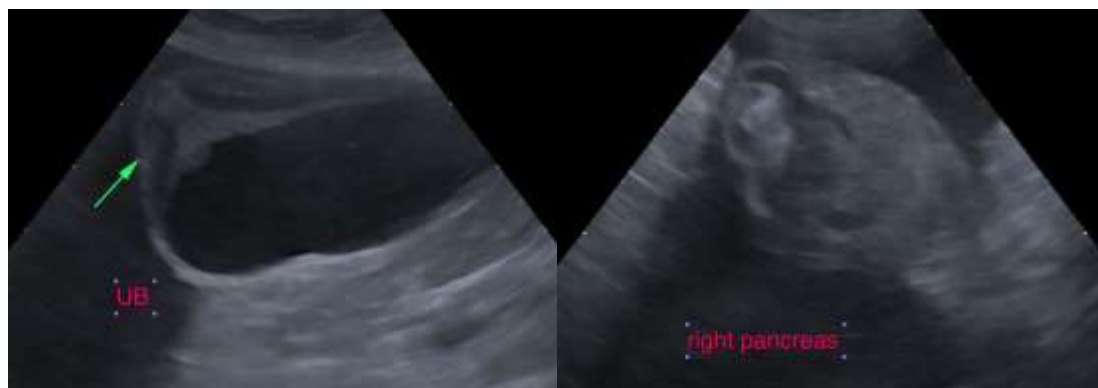
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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