



**PATIENT PRESENTING CLINICAL SIGNS**

Baxter Hartman History of cardiac disease with VPC's, hind end ataxia Presented for lethargy, anorexia and weakness Mildly dehydrated, abdomen slightly distended

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: CBC today: PCV 39.2%, WBC 12,090 Retics 67.8 Attempted abdominal tap recovered blood Current Medications Sotolol, Lasix, Gabapentin, Apoquel Radiographic Findings Will send abdominal images

**BREED**

Boxer X

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**SEX**

Neutered Male

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal.

**AGE**

12 Years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 7.09 cm. The right kidney measured 7.04 cm.

**WEIGHT**

85.3 Pounds

**Adrenal Glands**

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 3.61 cm x 1.5 cm at the cranial pole and 0.64 cm at the caudal pole. The left adrenal gland measured 2.14 cm x 0.55 cm at the caudal pole and 0.58 cm at the cranial pole.

**IMAGING PERFORMED BY**

Sara Hansen

**Spleen**

The **spleen** revealed an expansive nodular mass in the mid cranial body with heterogeneous omental changes noted. Strong concern for seeding.

**HOSPITAL NAME**

Cottage Grove VC

**Liver**

The **liver** was slightly heterogeneous and mildly irregular contour, surrounded by free fluid. Strong concern for micrometastasis to the liver. The gallbladder was unremarkable.

**REFERRING VET**

Dr. Damewood

**Gastrointestinal**

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**INVOICE**

41914

**Pancreas**

**DATE**

10/7/22



## PATIENT

Baxter Hartman

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

## SPECIES

Canine

## Other

A moderate amount of echogenic free fluid noted in the abdomen.

## BREED

Boxer X

Omental nodular changes occupied the cranial abdomen.

Rapid view of the heart revealed no evidence of pathology in the right auricle. However, arrhythmogenic activity noted.

## SEX

Neutered Male

## ULTRASONOGRAPHIC FINDINGS

- Ruptured splenic mass with omental remodeling and strong concern for omental seeding, no evidence of cardiac spread.
- Heterogeneous hepatic changes – concern for micrometastasis versus age related changes.

## AGE

12 Years

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

## WEIGHT

85.3 Pounds

Exploratory surgery indicated to assess for local seeding. If no obvious seeding is present, then direct splenectomy indicated. Hemangiosarcoma likely. Prognosis is extremely guarded to poor depending upon histopathology results.

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Sara Hansen

## HOSPITAL NAME

Cottage Grove VC

## REFERRING VET

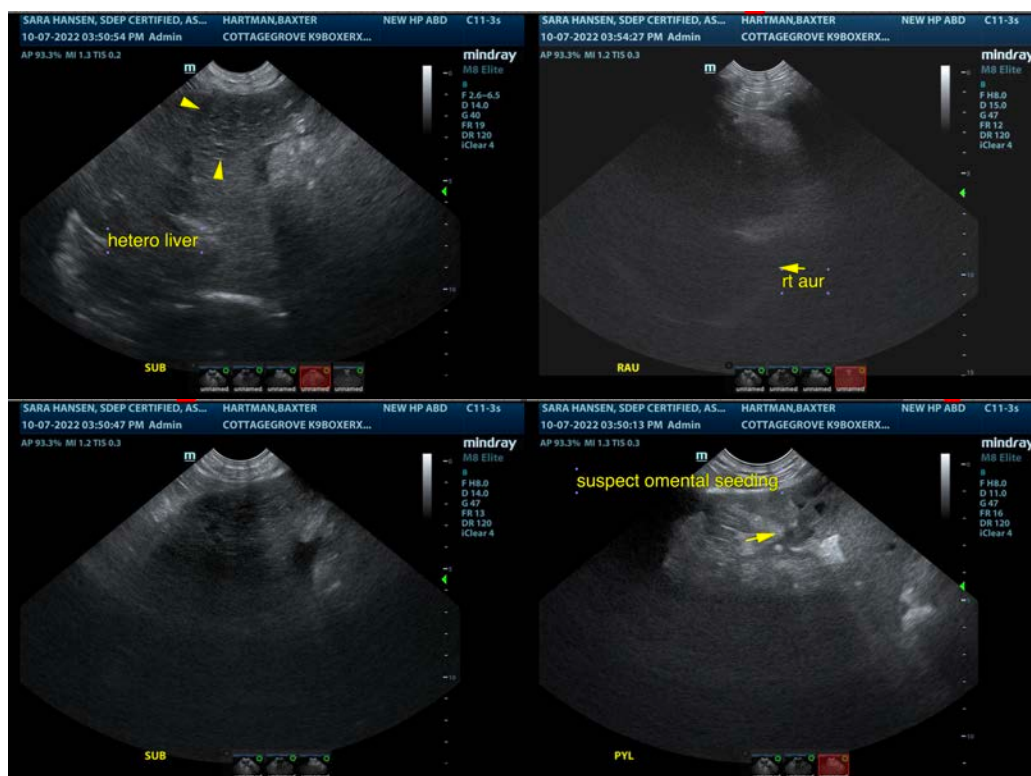
Dr. Damewood

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## DATE

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**PATIENT**

Baxter Hartman

**SPECIES**

Canine

**BREED**

Boxer X

**SEX**

Neutered Male

**AGE**

12 Years

**WEIGHT**

85.3 Pounds

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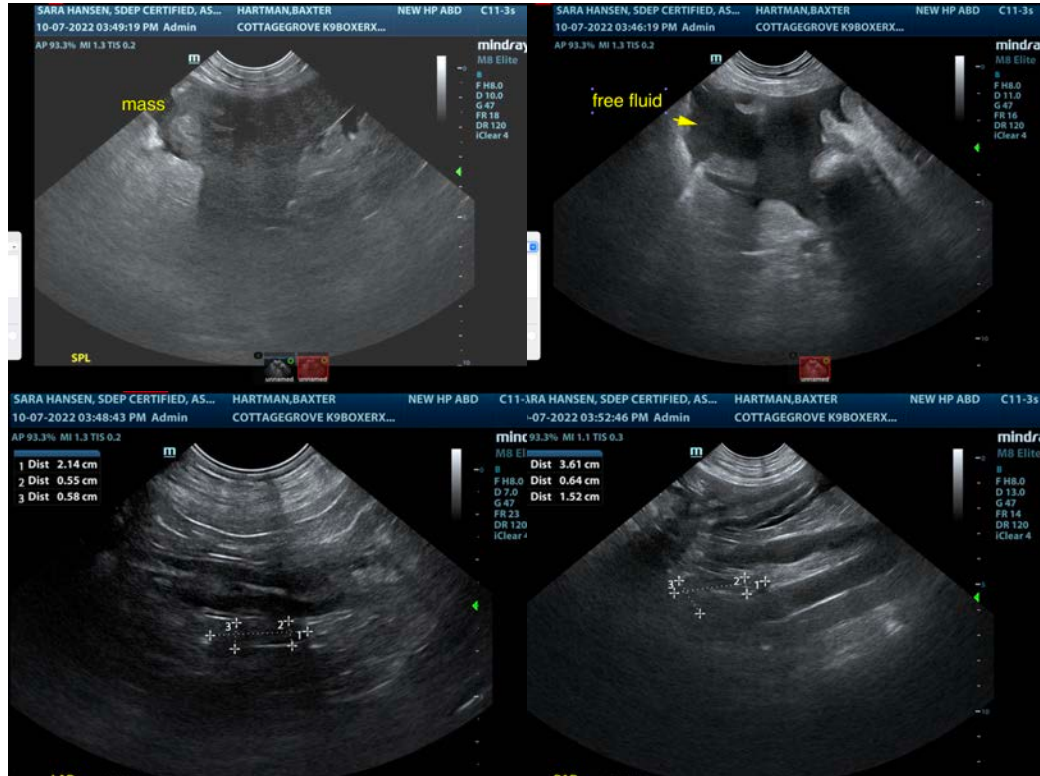
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com**

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