



PATIENT

Jake Capel

SPECIES

Canine

BREED

German Short Haired
Pointer

SEX

Intact Male

AGE

9 Years

WEIGHT

68.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Harold Mike Beard

HOSPITAL NAME

Jake Capel

REFERRING VET

Harold Mike Beard

INVOICE

24013

DATE

8/21/23

PRESENTING CLINICAL SIGNS

Not wanting to eat or take meds, abdomen swelling rapidly, collapsed, racing heart.

Abnormal PE/Chem/CBC/UA Results: Ascites, pale mm. CBC = mild anemia. Chemistry pending. Abd and chest radiographs = full stomach (then vomited), loss of visceral detail, mass affect L cranial abdomen (splenic mass?), micro cardia. Treating for shock.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal. This is a moderate change.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.8 cm. The right kidney measured 7.0 cm.

Adrenal Glands

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 left adrenal gland measured 0.7 cm at the cranial pole and 0.7 cm at the caudal pole.

Spleen

The **spleen** revealed subtle hypoechoic micronodular changes with volume contraction. The cranial pole of the spleen revealed an irregular mixed echogenic mass, extending into the regional omentum. Other coalescing masses were also noted.

Liver

The **liver** was mildly enlarged with coarse architecture. Dilated hepatic veins were noted. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

The **gastrointestinal tract** presented considerable gastric artifact due to the presence of ingesta. This did not permit thorough evaluation of portions of the gastric and upper intestinal structure. No overt abnormality was seen in the visualized tissue, however. This is consistent with a post-prandial presentation within a few hours of mealtime. If the prandial temporal interval does not fit the case history, and the patient presents a history of post-prandial vomiting, this could indicate a delayed upper gastrointestinal outflow due to primary or secondary pyloric hypertrophy, upper GI infiltrative disease, motor deficits, or a non-visualized foreign body. A prudent approach would be to rescan this



PATIENT

Jake Capel

patient at 24-hour NPO status to further review the non-visible regions if stomach primarily as well as assess any delayed outflow issue.

Pancreas

SPECIES

Canine

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.

BREED

German Short Haired
Pointer

Free Abdomen

A large amount of echogenic **free fluid** was noted in the abdomen. Heterogenous omental changes were noted.

SEX

Intact Male

Other

A rapid view of the **heart** revealed no evident pericardial effusion, however, volume contraction and tachycardia appeared to be present.

AGE

9 Years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

68.5 Pounds

- Ruptured splenic mass with abdominal extension, possible hepatic involvement.
- Secondary free fluid
- Mildly enlarged liver with dilated hepatic veins
- Full stomach
- Age-related urinary bladder and renal changes
- Volume contracted heart and tachycardia

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I do not believe this is a surgical presentation, as clean resection is unlikely, however, exploratory surgery could be considered after chest radiographs.

**IMAGING
PERFORMED BY**

Harold Mike Beard

HOSPITAL NAME

Jake Capel

REFERRING VET

Harold Mike Beard

INVOICE

24013

DATE

8/21/23



PATIENT

Jake Capel

SPECIES

Canine

BREED

German Short Haired Pointer

SEX

Intact Male

AGE

9 Years

WEIGHT

68.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Harold Mike Beard

HOSPITAL NAME

Jake Capel

REFERRING VET

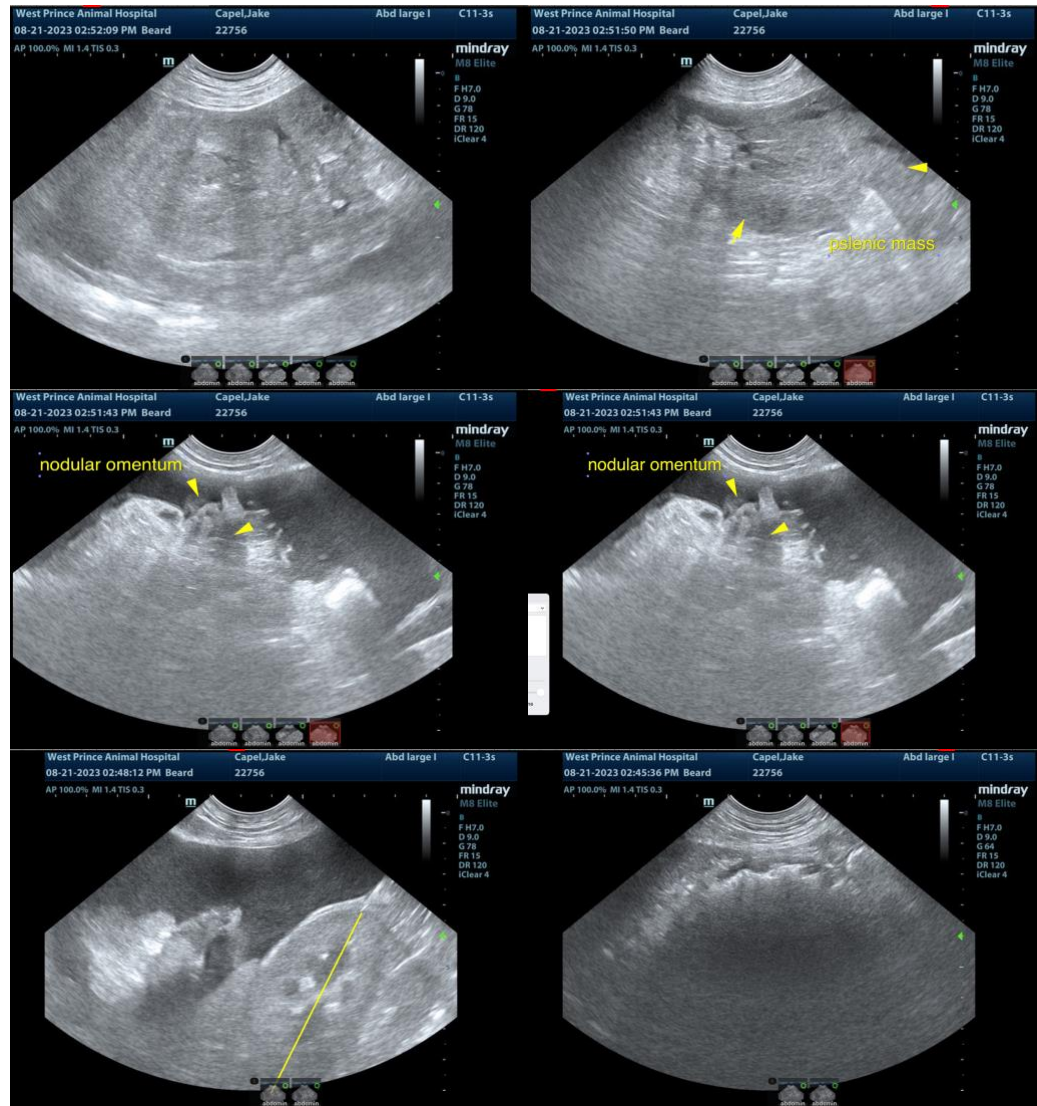
Harold Mike Beard

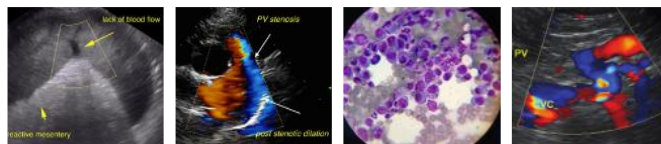
INVOICE

24013

DATE

8/21/23





PATIENT

Jake Capel

SPECIES

Canine

BREED

German Short Haired
Pointer

SEX

Intact Male

AGE

9 Years

WEIGHT

68.5 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Harold Mike Beard

HOSPITAL NAME

Jake Capel

REFERRING VET

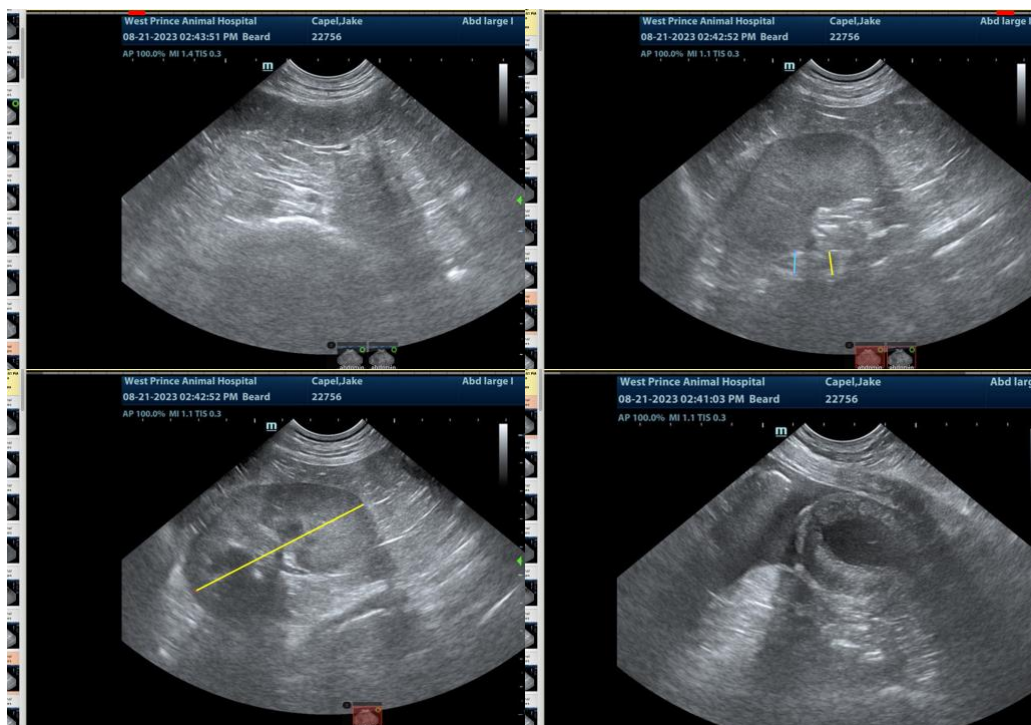
Harold Mike Beard

INVOICE

24013

DATE

8/21/23



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.

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