



PATIENT PRESENTING CLINICAL SIGNS

Dio Bennett
History: Dio began vomiting food and water this morning. O thought it was first the housemate, but then saw Dio drink water and then vomit water.

SPECIES
On physical examination, Dio had a very tense abdomen.

Canine
CBC:- unremarkable

Chem:- elevated TP (7.7), ALB (4.2), GLUC (151), Chol (341), ALKP (197), AMYL (2329), & LIPA (>1000), with decreased TRIG (29) & K+ (3.3)

BREED
cPLI:- abnormal

Pitbull Terrier Mix
AXR => gas in empty stomach, no GI FB, no obstructive pattern, remainder unremarkable.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SEX
Urinary System

Neutered Male
The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is distended. A small amount of suspended echogenic debris is observed within the lumen. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 2 cm, are normal.

AGE
12 years
The prostate is normal in size (0.93 cm in width) and shape. Parenchyma is homogenous. The prostatic urethra appears normal without evidence of dilation or obstruction.

WEIGHT
27.6 kg
The left kidney is subjectively normal in size (5.76 cm in length) with a normal shape, architecture and smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. Trace pyelectasia is present. There is no evidence of nephroliths, infarcts or hydroureter.

INTERPRETED BY
Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)
The right kidney is subjectively normal in size (6.61 cm in length) with a normal shape, architecture and smooth peripheral margins. The cortex is isoechoic relative to the spleen. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. Trace pyelectasia is present. There is no evidence of nephroliths, infarcts or hydroureter.

IMAGING PERFORMED BY
Dr. Laura de Cordon
Adrenal Glands
The left adrenal gland is normal in size (0.57 cm at cranial pole) (0.62 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

HOSPITAL NAME
Mason Dixon Animal
EH
The right adrenal gland is in normal size (1.42 cm at cranial pole) (0.64 cm at caudal pole) with a normal shape and homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

REFERRING VET
Dr. Laura de Cordon
Spleen
The spleen is normal in size (1.97 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

INVOICE
12727
Liver
The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

DATE
4.10.23



PATIENT

Dio Bennett

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

SPECIES

Canine

Gastrointestinal

The gastric lumen is severely fluid-distended and hypomotile. The gastric wall is normal in thickness with a normal layering pattern. Within the gastric lumen, shadowing material is observed and appears to extend through the pyloric outflow tract and into the small intestine. A few small intestinal segments are dilated/plicated with suspected linear foreign material coursing through the lumen in these regions. The mesentery effacing the serosal surface in these areas is hyperechoic. In the remaining small intestinal segments, the lumen is empty, and the walls are normal in thickness with a normal layering pattern. The colonic wall is normal.

BREED

Pitbull Terrier Mix

SEX

Neutered Male

Pancreas

A portion of the pancreas is obscured by the gastric distention. In the visualized portion of the left limb, the pancreas is prominent to enlarged with irregular peripheral contours. The parenchyma is hypoechoic relative to surrounding omental fat. No focal lesions are observed. The pancreatic duct is not overtly dilated. Surrounding mesentery is hyperechoic.

AGE

12 years

Free Abdomen

There is no obvious evidence of free fluid. The abdominal lymph nodes are normal/not visible.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

27.6 kg

Primary Findings

- Gastric/small intestinal foreign body/obstruction. A linear foreign body is suspected. There is adjacent peritonitis.
- The pancreatic changes are most consistent with mild to moderate pancreatitis, likely secondary to the gastrointestinal foreign body.

Secondary Findings

- Minor bilateral age-related renal changes with trace pyelectasia

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- An abdominal exploratory with foreign body removal is recommended, along with symptomatic care for pancreatitis.
- Three-view thoracic radiographs are recommended prior to anesthesia to assess for occult aspiration pneumonia.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

IMAGING PERFORMED BY

Dr. Laura de Cordon

HOSPITAL NAME

Mason Dixon Animal
EH

REFERRING VET

Dr. Laura de Cordon

INVOICE

12727

DATE

4.10.23



PATIENT

Dio Bennett

SPECIES

Canine

BREED

Pitbull Terrier Mix

SEX

Neutered Male

AGE

12 years

WEIGHT

27.6 kg

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Dr. Laura de Cordon

HOSPITAL NAME

Mason Dixon Animal
EH

REFERRING VET

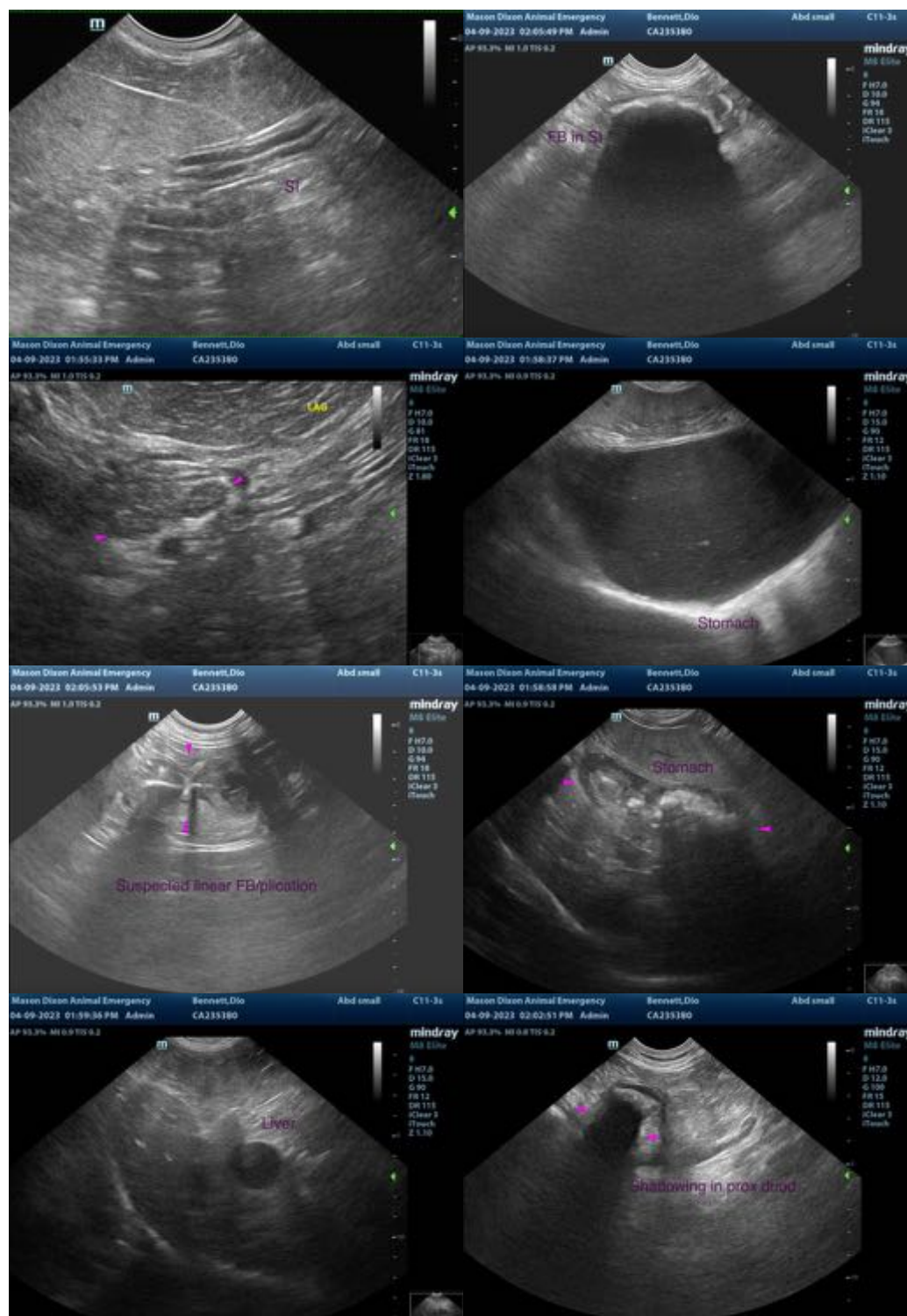
Dr. Laura de Cordon

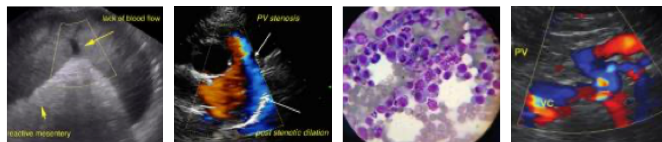
INVOICE

12727

DATE

4.10.23





PATIENT

Dio Bennett

SPECIES

Canine

BREED

Pitbull Terrier Mix

SEX

Neutered Male

AGE

12 years

WEIGHT

27.6 kg

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

**IMAGING
PERFORMED BY**

Dr. Laura de Cordon

HOSPITAL NAME

Mason Dixon Animal
EH

REFERRING VET

Dr. Laura de Cordon

INVOICE

12727

DATE

4.10.23



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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com