



PATIENT PRESENTING CLINICAL SIGNS

Willow Bean Brookshire History: Weight loss and hyporexia for several weeks.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Progressive non-regenerative anemia, neutrophilia, monocytosis, and lymphocytosis.

Pug Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

FS

AGE

7 years

WEIGHT

12.3 #

INTERPRETED BY

Remo Lobetti, BVSc,
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Dipl. ECVIM

IMAGING PERFORMED BY

Dr Shanna Sallee

HOSPITAL NAME

Hermiston Veterinary
Clinic

REFERRING VET

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DATE

10/20/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size, echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Focal isoechogenic nodule at the head of the spleen with bulging of the overlying capsule.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Focal irregular hypoechoic mass in the small intestine with loss of layering and hyperechogenic appearance of the surrounding mesentery with ascites. Rest of the small intestine has a normal appearance with small amount of fluid/ingesta accumulation within the lumen.



PATIENT *Pancreas*

Willow Bean Brookshire

Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES

Free Abdomen

Canine

Prominent mesenteric lymph nodes with normal shape and echogenic appearance. Small amount of acellular ascites.

BREED

Pug

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Small intestinal mass.
- Splenic nodule.
- Lymphadenomegaly.

SEX

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7 years

Secondary Findings:

- Gall bladder sediment.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the small intestinal mass would be neoplasia (lymphoma, carcinoma, sarcoma) and with the associated regional inflammatory reaction and ascites, perforation needs to be considered.

Etiologies for the splenic nodule would be reactive, hyperplasia, hematoma, neoplasia, and granuloma.

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Etiologies for the lymph nodes would be reactive, lymphadenitis, and infiltrative neoplasia.

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Further assessment would be 3-view thoracic radiographs, FNA cytology of the intestinal mass, splenic nodule, and lymph nodes, and possibly laparotomy, the latter potentially being both diagnostic and therapeutic.

Specific therapy would be dependent on an etiological diagnosis

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PATIENT

IMAGES

Willow Bean Brookshire

Small intestine

SPECIES

Canine

BREED

Pug

SEX

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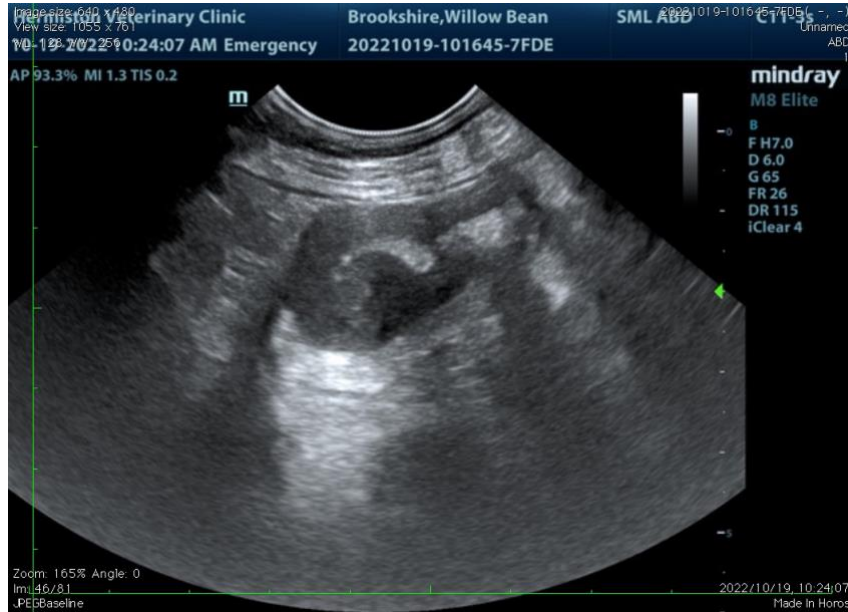
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PATIENT

Mesentery/ascites

Willow Bean Brookshire

SPECIES

Canine

BREED

Pug

SEX

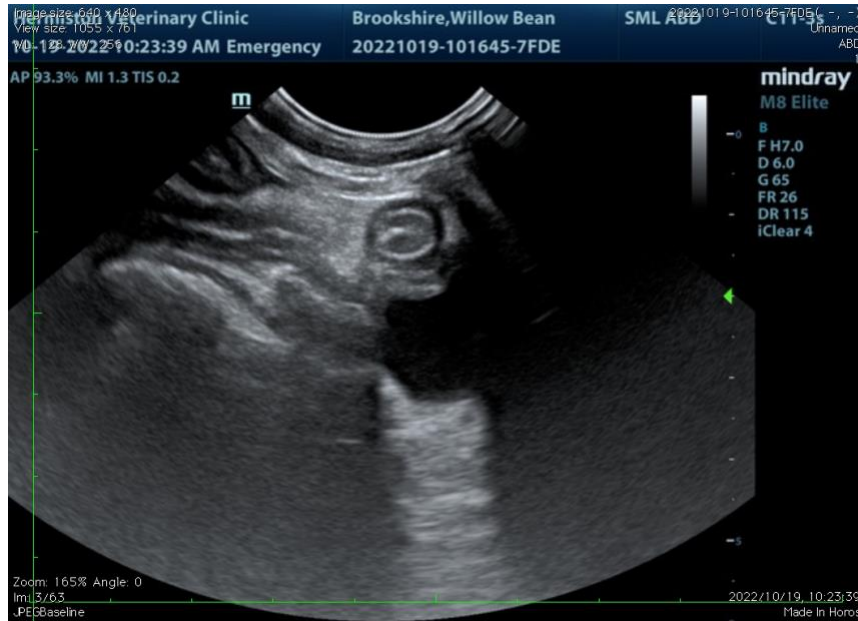
FS

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Mesenteric lymph node

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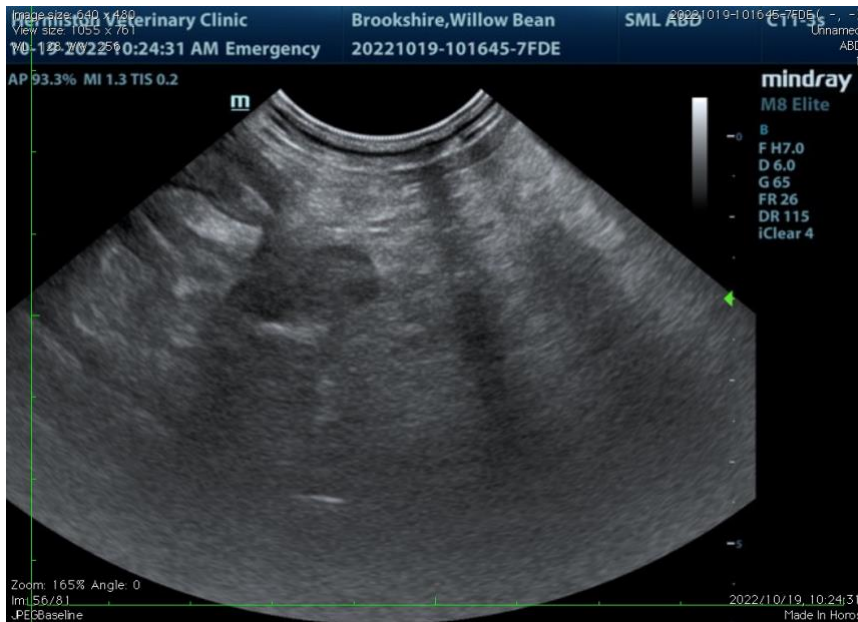
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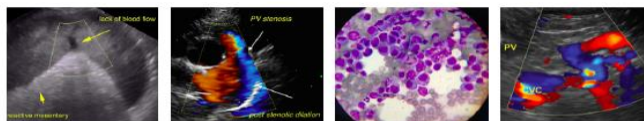
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PATIENT Spleen

Willow Bean Brookshire

SPECIES

Canine

BREED

Pug

SEX

FS

AGE

7 years

WEIGHT

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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.

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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.

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