

PATIENT PRESENTING CLINICAL SIGNS

PATIENT Jackson Moore
SPECIES History: Right-sided pheochromocytoma removed and treated with Palladia from 5/2022-1/2023. Nodular hepatopathy, splenic nodules, mild chronic nephropathy, and gallbladder debris on follow up ultrasound (8/22). Vacuolar hepatopathy and splenic hyperplasia on FNA cytology.

BREED Canine
 Physical Examination: N/A.

SEX Urinalysis: N/A

MN CBC: N/A.

Age Mixed Serum Biochemistry: N/A.

Weight Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

11 years Full urinary bladder with a thickened apical wall. Rest of the wall has a normal thickness and appearance. Small amount of floating hyperechogenic sediment present. No uroliths evident.

WEIGHT 45 # Normal trigone area, proximal urethra (0.6 cm), and iliac blood vessels.

Normal lymph nodes. Ureters not visualized.

INTERPRETED BY Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM
 Normal renal size (left 5.8 cm, right 6.2 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

Small hypoechogenic prostate (0.9 cm).

Adrenal Glands

HOSPITAL NAME Banfield Colonial Town Park
 Left gland – normal position and shape, hypoechogenic appearance, and plump in size (0.76/0.72 cm).

Right gland – absent (previous adrenalectomy). Normal appearance of the area of the adrenal gland.

Spleen

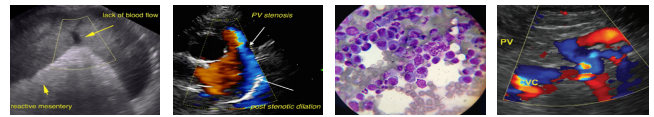
REFERRING VET Dr Trompeta
 Normal size (2 cm) with a diffuse hypoechogenic appearance. Small faint hypoechogenic parenchymal nodules (up to 0.7 cm in size). Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature.

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303863

DATE

2/7/23



PATIENT *Liver*

Jackson Moore

SPECIES

Canine

BREED

Mixed

SEX

MN

Age

11 years

WEIGHT

45 #

Enlarged with rounded edges, diffuse hyperechogenic and nodular appearance, loss of portal markings, and regular curvilinear capsule. Nodules are small, faint, hypoechogenic, and parenchymal. Two poorly defined isoechogenic irregular larger nodules in the left liver (2.2 x 3.2 cm and 1.5 x 2.6 cm). FNA taken with no obvious post aspirate hemorrhage. Full gall bladder containing small amount of hyperechogenic sediment and two choleliths (0.9 cm). Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

Segmental thickening of the duodenum (0.53 cm), small intestine (0.5 cm) and colon (0.43 cm) with no loss of layering or distension of the lumen. Normal appearance of the stomach and ileocecal junction.

Pancreas

Normal size (1.2 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes (3.4 cm). Small amount of ascites.

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Nodular hepatopathy.
- Splenic nodules.
- Left adrenomegaly.
- Enteropathy.
- Cystitis.

Secondary Findings:

- Gall bladder sediment with choleliths.
- Age-related renal changes.
- Ascites.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the nodular hepatopathy would be nodular hyperplasia, chronic hepatitis, granulomatous disease, and neoplasia.

Etiologies for the splenic nodules would be reactive, hyperplasia, splenitis, granulomas, and neoplasia.

The most likely etiology for the adrenomegaly would be disease stress with pituitary-dependent Cushing's disease a differential diagnosis.

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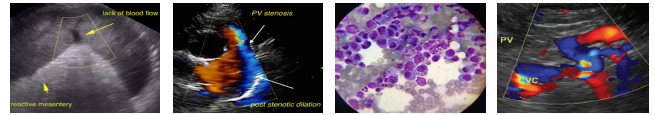
Sonya Myers, DVM

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Park

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PATIENT

Etiologies for the enteropathy would be inflammatory bowel disease, dietary hypersensitivity, parasitic enteritis, granulomatous disease, and emerging lymphoma.

Jackson Moore

SPECIES

Further assessment would be dependent on the pending cytology results but could include urine and fecal analyses, urine culture, rectal cytobrush cytology, FNA cytology of the spleen, adrenal function testing (ACTH stimulation/LDDS test, if there are compatible clinical signs of Cushing's disease), and endoscopy of both the upper and lower GI tract with biopsies.

Canine

BREED

Mixed

IMAGES

Colon

SEX

MN

Age

11 years

WEIGHT

45 #

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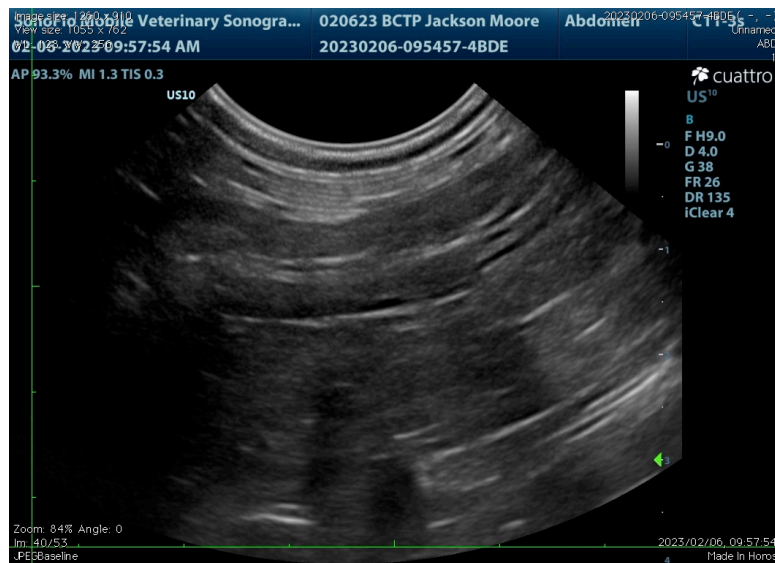
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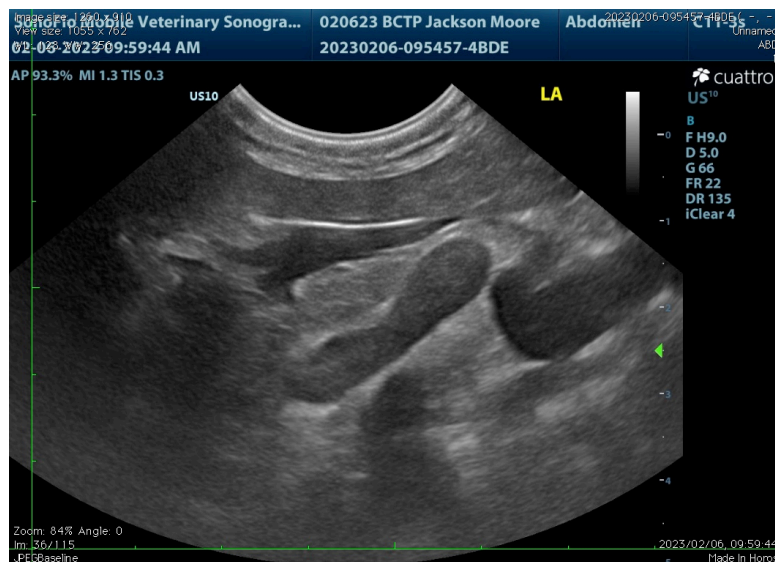
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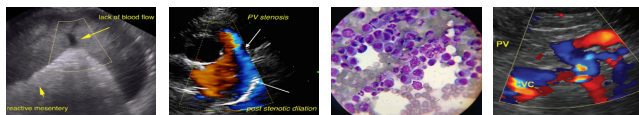
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Left adrenal





PATIENT Spleen

Jackson Moore

SPECIES

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Age

11 years

WEIGHT

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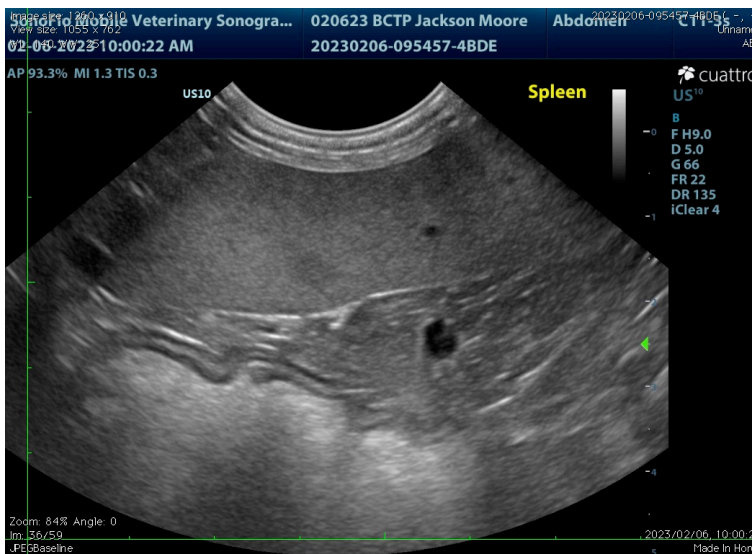
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Liver



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.

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