



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Daisy Corrigan
SPECIES Canine
BREED Labrador Mix
SEX FS
Age 17 years
WEIGHT

History: Abdominal mass.
 Physical Examination: N/A.
 Urinalysis: N/A.
 CBC: Mild non-regenerative anemia, neutrophilia.
 Serum Biochemistry: Elevated liver enzyme activity.
 Radiographic Findings: Cranial abdominal mass, normal thorax.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Small urinary bladder with a thickened (0.8 cm) and a polyploid appearance (0.7 x 0.9 cm) of the wall. Small amount of floating hyperechogenic sediment. No uroliths evident.

Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

Iliac lymphadenomegaly (0.9 x 2.5 cm) with normal shape and echogenic appearance. Ureters not visualized.

Normal renal size (left 4.1, right 4.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, and position. Normal size of the right gland (0.5/0.6 cm), enlarged left gland (0.81/1.1 cm).

Spleen

Large mottled echogenic vascularized cavitatory mass (9.7 x 15.4 cm).

Liver

Enlarged with rounded edges, diffuse increased echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Focal anechoic cyst (0.7 cm) in the left lobe. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

Mild diffuse segmental thickening of the stomach (0.62 cm), duodenum (0.62 cm), and small intestine (0.46 cm) with no loss of layering, normal peristaltic activity, and no distension of the lumen. Normal appearance of the ileo-cecal junction and colon.

INTERPRETED BY

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MMedVet (Med), PhD, Dipl.
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IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Rivera

INVOICE

303171

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PATIENT *Pancreas*

Daisy Corrigan Normal size with a diffuse hyperechogenic appearance and irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Mesenteric lymphadenomegaly (3.3 cm) with normal shape and echogenic appearance. Small amount of ascites.

BREED *Thorax*

Labrador Mix Normal appearance of the heart. No pericardial or pleural effusion.

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Splenic mass.
- Ascites.
- Polyploid cystitis.
- Hepatopathy.
- Gastro-enteropathy.
- Mesenteric lymphadenomegaly.
- Left adrenal adenomegaly.

Secondary Findings:

- Pancreatic fibrosis.
- Hepatic cyst.
- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the spleen is consistent with splenic neoplasia with associated hemorrhage.

Etiologies for the hepatopathy would be age-related, vacuolar, reactive, metabolic, chronic hepatitis, early cirrhosis, and early nodular regeneration.

Etiologies for the gastroenteropathy would be age-related, non-specific enteritis (viral, bacterial, protozoal, helminths, toxins, dietary indiscretion), inflammatory bowel disease, and dietary hypersensitivity.

The mesenteric lymphadenomegaly can be ascribed to the intra-abdominal pathology.

The most likely etiology for the left adrenal gland would be disease stress with emerging Cushing's disease a differential diagnosis.

Further assessment/therapy would be splenectomy, which would allow for biopsy of the liver, GI tract, urinary bladder, and lymph nodes.



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IMAGES

Urinary bladder



Spleen





PATIENT Liver

Daisy Corrigan

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Left adrenal

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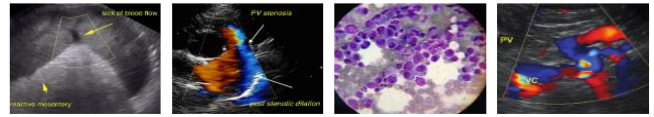
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PATIENT Ascites

Daisy Corrigan

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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.

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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