


PATIENT PRESENTING CLINICAL SIGNS

Peyton Swartz History: Possible splenic mass, history of seizure vs syncope.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Golden retriever Cross Radiographic Findings: N/A.

SEX

MN

AGE

14 years

WEIGHT

47 #

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hypoechoic sediment. No uroliths evident.

Normal trigone area, proximal urethra (1 cm), and iliac blood vessels.

Enlarged Iliac lymph nodes (right 1.4 x 2.7 cm, left 1.4 x 2.2 cm) with a rounded and hypoechoic appearance. Ureters not visualized.

Normal renal size (left 5.7 cm, right 6.7 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule. Bilateral mineralization.

Reproductive System

Small hypoechoic prostate (1.6 cm).

Adrenal Glands

Normal shape, echogenic appearance, and position. Normal size of right gland (0.56/0.51 cm). Enlarged left gland (0.79/0.52 cm).

Spleen

Enlarged (5.2 cm) with a diffuse fine nodular appearance, focal areas of hypoechoic subcapsular thickening and an irregular capsule. Nodules are small, diffuse, parenchymal and hypoechoic.

Liver

Enlarged with rounded edges, normal echogenic appearance, portal markings, and regular curvilinear capsule. Multiple hyperechogenic parenchymal nodules, up to 0.9 cm in size. No masses evident. Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.3 cm).

INTERPRETED BY

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IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
 Emergency

REFERRING VET

Dr Ariel Swartz

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DATE

8/2/22


PATIENT *Gastrointestinal*

Peyton Swartz

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.49 cm, duodenum 0.51 cm, jejunum 0.41 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Canine

Pancreas

Normal size (right 1.2 cm) with a diffuse mottled echogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Golden retriever Cross

Free Abdomen
SEX

Mesenteric lymphadenomegaly (up to 2.2 x 3.3 cm) with a rounded and hypoechoic appearance.

MN

Small amount of ascites.

AGE

14 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Splenomegaly.
- Lymphadenomegaly.
- Nodular hepatopathy.
- Left adrenomegaly.
- Pancreatic fibrosis.

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Secondary Findings:

- Gall and urinary bladder sediment.
- Age-related renal changes.
- Ascites.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

With the appearance of the spleen and abdominal lymphadenomegaly, the most likely diagnosis would be lymphoma, with granulomatous disease, a less likely differential diagnosis.

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Dr Ariel Swartz

Etiologies for the hepatopathy would be neoplastic infiltration, chronic hepatitis, nodular regeneration, and granulomatous disease.

The most likely etiology for the adrenomegaly would be disease stress.

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Although the appearance of the pancreas is consistent with fibrosis, chronic pancreatitis needs to be considered.

Further assessment would be FNA cytology of the spleen, lymph nodes, and liver.

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Specific therapy would be dependent on an etiological diagnosis.



PATIENT

Peyton Swartz

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IMAGES

Spleen



Liver





PATIENT

Iliac lymph node

Peyton Swartz

SPECIES

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Mesenteric lymph nodes

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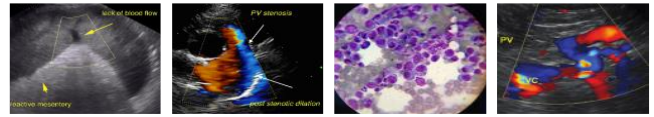
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PATIENT Pancreas

Peyton Swartz

SPECIES

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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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