


PATIENT PRESENTING CLINICAL SIGNS

Deion Hill History: Pleural effusion noted on pre-anesthetic radiographs.

SPECIES Physical Examination: N/A

Canine Urinalysis: N/A.

CBC: N/A

BREED Serum Biochemistry: N/A.

Sheltie Radiographic Findings: N/A.

SEX

MN

AGE

9 years

WEIGHT

33 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

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 (0.8 cm), and iliac blood vessels.

Normal iliac lymph nodes (2.1 cm). Ureters not visualized.

Normal renal size (left 5.5 cm, right 5.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

Small hypoechoic prostate (1.2 cm).

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.55/0.41 cm right 0.61 cm.

HOSPITAL NAME

Oviedo Veterinary Care
and Emergency

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET

Dr Lawrence

Liver

Enlarged with rounded edges, diffuse increased echogenic appearance, and some loss of portal markings. Distended hepatic veins and caudal vena cava. Large (3.3 x 4 cm) round non-vascularized mass within the right liver lobe containing hyperechogenic fluid. Fluid aspirated and enrofloxacin injected into the cavity. Distended gall bladder containing large amount of non-adherent hyperechogenic sediment. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).

INVOICE

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6/14/22

**PATIENT** *Gastrointestinal*

Deion Hill Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.44 cm, jejunum 0.34 cm) and peristaltic activity and no distension of the lumen. Ingesta within the stomach.

SPECIES

Canine

Pancreas

Normal size (right 1.6 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Sheltie

Free Abdomen

Prominent mesenteric lymph nodes (0.7 x 2.4 cm) with normal shape and echogenic appearance. No ascites.

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Primary Findings:

- Hepatopathy.
- Hepatic mass.
- Mesenteric lymphadenomegaly.

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Secondary Findings:

- Gall bladder sediment.
- Distended hepatic veins and caudal vena cava.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, vacuolar, metabolic, hepatitis (viral, bacterial, toxins), congestion, and infiltrative neoplasia.

Etiologies for the mass would be abscess, necrotic granuloma, necrotic abscess, hematoma, cyst.

The most likely etiology for the mesenteric lymph nodes would be reactive with lymphadenitis and infiltrative neoplasia, less likely differential diagnoses.

Although the gall bladder sediment is most likely an incidental finding, monitoring for the development of a mucocele would be recommended.

The hepatic veins and caudal vena cava can be ascribed to the intra-thoracic pathology.

Further assessment needs to be based on the cytology and culture results of the hepatic mass but could include CBC, serum biochemistry, FNA cytology of the liver, and thoracentesis with analysis of the pleural fluid.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Deion Hill **Liver**

SPECIES

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PATIENT Gall bladder

Deion Hill

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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