



PATIENT PRESENTING CLINICAL SIGNS

Hailey Premo History: Pyometra surgery 2 days ago. Progressive leukocytosis.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A

CBC: Severe leukocytosis – neutrophilia, monocytosis, and lymphocytosis, thrombocytosis.

BREED Serum Biochemistry: N/A.

Dachshund Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

FS **Urinary System**

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

15 years Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

WEIGHT Iliac lymphadenomegaly (0.6 x 1.6 cm) with normal echogenic appearance and shape. Ureters not visualized.

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INTERPRETED BY Normal renal size (left 3.9 cm, right 4 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

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

Reproductive System

Normal appearance of the uterine stump post-surgery.

IMAGING PERFORMED BY Adrenal Glands

Sonya Myers, DVM Normal position, echogenic appearance, shape, and size. Left 0.41/0.47 cm, right 0.41/0.67 cm.

HOSPITAL NAME Spleen

Oviedo Veterinary Care and Emergency Normal size (1.1 cm) with a diffuse hypoechogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET Liver

Dr Caja Enlarged with rounded edges, hypoechogenic and nodular appearance, some loss of portal markings, and regular curvilinear capsule. Nodules are parenchymal, hypoechogenic and up to 1.2 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 (0.2 cm).

INVOICE Gastrointestinal

303764

DATE Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.36 cm, duodenum 0.38 cm, jejunum 0.24 cm, colon 0.18 cm) and peristaltic activity, and no distension of the lumen.

1/13/23



PATIENT *Pancreas*

Hailey Premo Normal size (0.9 cm) with a hyperechogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine Normal mesenteric lymph nodes (1.3 cm).
No ascites.

BREED Free gas within the abdominal cavity.

Dachshund Hyperechogenic appearance of the mesentery in the caudal abdomen.

ULTRASONOGRAPHIC FINDINGS

SEX

FS

Primary Findings:

Age

15 years

- Hepatopathy.
- Splenic pathology.
- Pancreatitis.
- Iliac lymphadenomegaly.

WEIGHT

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Secondary Findings:

- Gall and urinary bladder sediment.

INTERPRETED BY

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ECVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the liver and pancreas may be associated with the recent surgery with differential diagnoses for the liver being acute hepatitis (viral, toxins, leptospirosis), bacterial hepatitis, granulomatous disease, nodular regeneration, and infiltrative neoplasia; and for the pancreas, acute pancreatitis.

IMAGING PERFORMED BY

Sonya Myers, DVM

The spleen and lymphadenomegaly can be ascribed as reactive secondary to the pyometra and surgery.

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

Although the hyperechogenic mesentery and free gas within the abdominal cavity is most likely secondary to the surgery, early peritonitis needs to be considered, especially with the progressive leukocytosis.

REFERRING VET

Dr Caja

Further assessment would be urinalysis, liver enzyme, cPL/PSL assay, possibly *Leptospira* serology/PCR, and FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Hailey Premo

SPECIES

Canine

BREED

Dachshund

SEX

FS

Age

15 years

WEIGHT

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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REFERRING VET

Dr Caja

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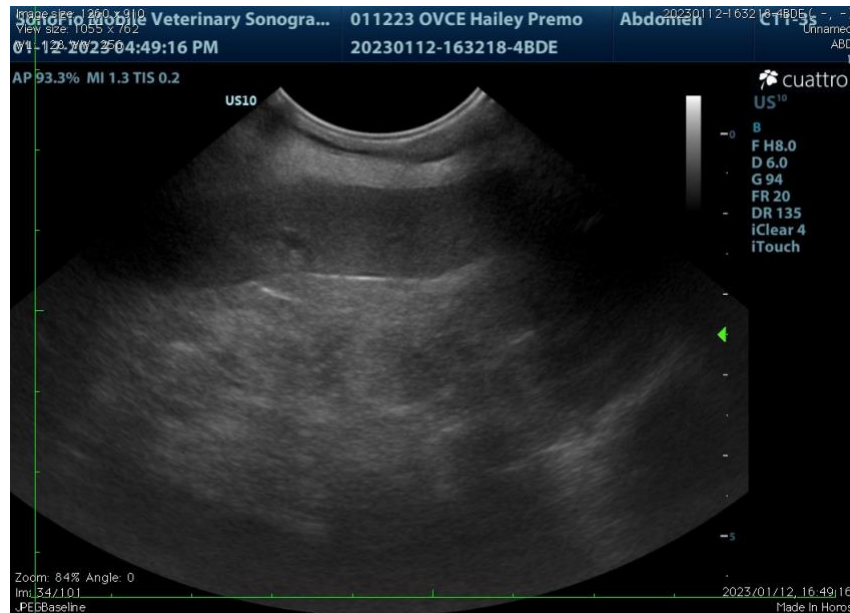
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IMAGES

Liver



Spleen





PATIENT Pancreas

Hailey Premo

SPECIES

Canine

BREED

Dachshund

SEX

FS

Age

15 years

WEIGHT

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Abdomen

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
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REFERRING VET

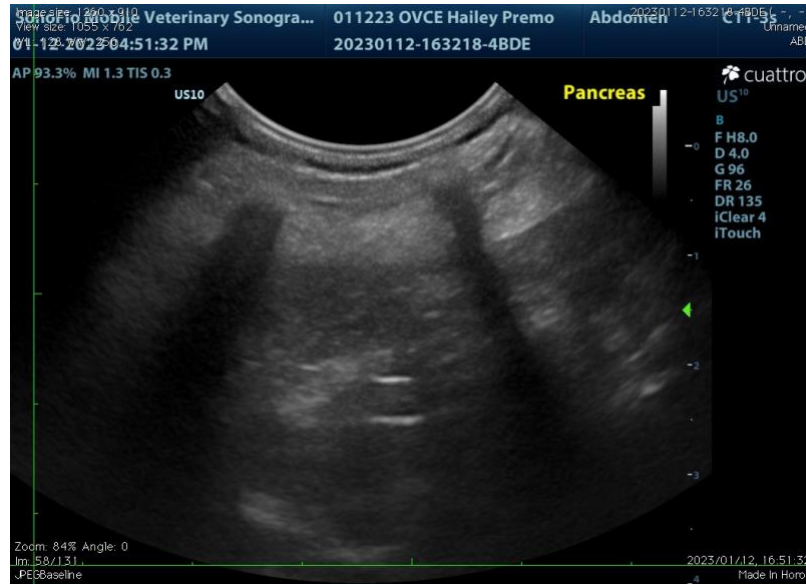
Dr Caja

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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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za