


PATIENT PRESENTING CLINICAL SIGNS

Crash Gouldthorpe
SPECIES
 Canine
BREED
 Terrier Mix
SEX
 MN
Age
 11 years
WEIGHT
 15 #
INTERPRETED BY
 Remo Lobetti, BVSc,
 MMedVet (Med), PhD, Dipl.
 ECVIM
IMAGING PERFORMED BY
 Sonya Myers, DVM
HOSPITAL NAME
 Oviedo Veterinary Care and
 Emergency
REFERRING VET
 Dr Clark

History: N/A.
 Physical Examination: Hepatomegaly.
 Urinalysis: N/A.
 CBC: Severe thrombocytopenia, non-regenerative anemia.
 Serum Biochemistry: N/A.
 Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

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

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

Normal iliac lymph nodes (2 cm). Ureters not visualized.

Normal renal size (left 4.8 cm, right 4.7 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule. Mild bilateral mineralization.

Reproductive System

Small hypoechogenic prostate (1.1 cm).

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.4/0.51 cm, right 0.51/0.67 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Mottled echogenic parenchymal masses in the head (2.8 x 2.8 cm) and tail (1.18 x 1.8 cm) of the spleen.

Liver

Enlarged with rounded edges, hyperechogenic and nodular appearance, loss of portal markings, and regular curvilinear capsule. Nodules are parenchymal and hypoechogenic, and up to 1.6 cm in size. Solitary hyperechogenic parenchymal nodule (1.9 cm) at the base of left lobe. No masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.34 cm, jejunum 0.33) and peristaltic activity, and no distension of the lumen.

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**PATIENT** *Pancreas*

Crash Gouldthorpe

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

SPECIES *Free Abdomen*

Canine

Normal mesenteric lymph nodes (0.5 x 2.5 cm).
No ascites.

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Thorax

Normal appearance of the heart.
Small amount of pleural effusion.
No epicardial effusion.

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Primary Findings:

- Nodular hepatopathy.
- Splenic masses.
- Pleural effusion.

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Secondary Findings:

- Urinary bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**IMAGING PERFORMED BY**

Sonya Myers, DVM

With the nodular hepatopathy, splenic masses, and pleural effusion, metastatic neoplasia would be a highly likely diagnosis with granulomatous disease a differential diagnosis.

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Other etiologies for the liver would be nodular hyperplasia and chronic hepatitis and for the splenic masses, hematomas, hyperplasia, and abscessation.

Oviedo Veterinary Care and
Emergency

Further assessment would be urine 3-view thoracic radiographs, analysis of the pleural effusion and FNA cytology of the liver and splenic masses (taking the thrombocytopenia into account).

REFERRING VET

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

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Liver

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PATIENT Spleen

Crash Gouldthorpe

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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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