


PATIENT PRESENTING CLINICAL SIGNS

PATIENT Molly Smith History: Distended abdomen and lethargy.

SPECIES Physical Examination: Abdominal mass and free fluid – hemabdomen on centesis.

Canine Urinalysis: N/A.

BREED CBC: N/A.

Terrier Mix Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
MN *Urinary System*

AGE Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

10 years

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

17 # Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.5 cm, right 4.9 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

INTERPRETED BY *Reproductive System*

Remo Lobetti, BVSc,
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ECVIM

N/A.

IMAGING PERFORMED BY *Adrenal Glands*

Sonya Myers, DVM

Normal shape, echogenic appearance, size, and position. Left 0.51/0.42 cm, right 0.43/0.46 cm.

HOSPITAL NAME *Spleen*

Oviedo Veterinary Care and
Emergency

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

REFERRING VET *Liver*

Dr Caja

Normal size, echogenic appearance and portal markings. Mottled echogenic parenchymal masses in the left lateral lobe (5.5 x 6.3 cm, 2.2 x 3.2 cm) and left medial lobe (2.9 x 3.9 cm). Full gall bladder containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

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Gastrointestinal
DATE

6/30/22

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.48 cm, jejunum 0.28 cm) and peristaltic activity, and no distension of the lumen.

**PATIENT** *Pancreas*

Molly Smith

Normal size (right 1.3 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 (0.8 cm).
Large amount of cellular ascites.

BREED

Terrier Mix

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

- Hepatic masses.
- Cellular ascites.

MN**AGE**

Secondary Findings:

10 years

- Age-related renal changes.
- Gall bladder sediment.

WEIGHT

17 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**INTERPRETED BY**

The most likely diagnosis would be hepatic neoplasia (hemangiosarcoma, carcinoma) with secondary hemabdomen. Granulomatous disease would be a far less likely differential diagnosis.

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Further assessment that could be considered would be 3-view thoracic radiographs, echocardiography, and FNA cytology of the masses. If surgical removal is being contemplated, then a CT scan would be indicated.

IMAGING PERFORMED BY

Sonya Myers, DVM

As the masses are localized to a section of the liver, surgical resection could be feasible.

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

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PATIENT IMAGES

Molly Smith **Liver**

SPECIES

Canine

BREED

Terrier Mix

SEX

MN

AGE

10 years

WEIGHT

17 #

INTERPRETED BY

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 MMedVet (Med), PhD, Dipl.
 ECVIM

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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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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