


PATIENT PRESENTING CLINICAL SIGNS

Penny Girl Richards History: Seizures, Cushing's disease, anorexia, coughing.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

Beagle Radiographic Findings: Ascites, possible hepatic mass.

SEX

FS

AGE

14 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 (0.5 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 6 cm, right 5.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Sonya Myers, DVM

Adrenal Glands

Normal shape, echogenic appearance, and position but bilaterally enlarged. Left 0.81/0.9 cm, right 0.75 cm.

HOSPITAL NAME

Oviedo Veterinary Care
and Emergency

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. Irregular mottled echogenic vascularized cavitary mass (0.8 x 1.3 cm) in the tail of the spleen with bulging of the overlying capsule.

REFERRING VET

Dr Martinez

Liver

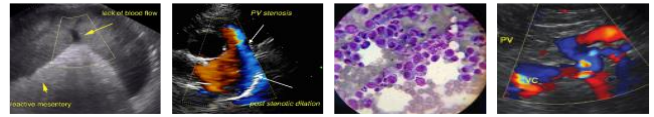
Enlarged with rounded edges, mottled coarse echogenic and nodular appearance (especially the left lobe), and loss of portal markings. Two irregular hypoechoic masses (2.4 x 2.8 cm and 2.7 x 3.7 cm) in the left lobe. Distended gall bladder containing large amount of non-adherent and adherent hyperechoic sediment arranged in a stellate pattern. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.3 cm).

INVOICE

303051

DATE

6/21/22



PATIENT

Penny Girl Richards

SPECIES

Canine

BREED

Beagle

SEX

FS

AGE

14 years

WEIGHT

33 #

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 Martinez

INVOICE

303051

DATE

6/21/22

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, and ileo-cecal junction with no loss of layering, normal wall thickness (duodenum 0.54 cm, jejunum 0.31 cm) and peristaltic activity, and no distension of the lumen. Thickening of the colon (0.42 cm) with no loss of layering or distension of the lumen.

Pancreas

Normal size (1.1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
 Large amount of cellular ascites.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Splenic mass.
- Nodular hepatopathy.
- Hepatic masses.
- Mucocele.
- Bilateral adrenomegaly.
- Ascites.

Secondary Findings:

- Colonic wall thickening.
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

With the splenic and hepatic masses, nodular hepatopathy, and cellular ascites, the most likely etiology would be metastatic neoplasia and most likely hemangiosarcoma.

The adrenomegaly is consistent with the history of Cushing's disease, although disease stress would be a differential diagnosis.

Further assessment that could be considered would be FNA cytology of the liver, spleen and hepatic masses, and analysis of the ascitic fluid.

At this point palliative therapy would be indicated.



PATIENT

Penny Girl Richards

SPECIES

Canine

BREED

Beagle

SEX

FS

AGE

14 years

WEIGHT

33 #

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 Martinez

IMAGES

Liver



INVOICE

303051

DATE

6/21/22



PATIENT Gall bladder

Penny Girl Richards

SPECIES

Canine

BREED

Beagle

SEX

FS

AGE

14 years

WEIGHT

33 #

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 Martinez

Spleen



INVOICE

303051

DATE

6/21/22

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