



PATIENT PRESENTING CLINICAL SIGNS

Lola Quinn History: Recently diagnosed with Cushing's disease.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: Elevated liver enzyme activity.

Pit bull terrier 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. Normal anechoic urine with sediment or uroliths evident.

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

WEIGHT Iliac lymphadenomegaly (0.6 x 1.9 cm) with a normal shape and echogenic appearance. Ureters not visualized.

58 #

INTERPRETED BY Normal renal size (left 6.6 cm, right 7.3 cm), echogenic appearance, cortico-medullary differentiation, pelvis and capsule.

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Reproductive System

N/A.

IMAGING PERFORMED BY Adrenal Glands

Sonya Myers, DVM Bilateral irregular hyperechogenic parenchymal masses with bulging of the overlying capsule. Mineralized foci within the left mass. No obvious vascular invasion evident.

HOSPITAL NAME Spleen

Oviedo Veterinary Care and Emergency Normal size (2.5 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET Liver

Dr Lawrence

INVOICE Enlarged with rounded edges, mottled echogenic appearance, some loss of portal markings, and regular curvilinear capsule. Irregular parenchymal masses (up to 4.7 x 7.7 cm in size) of varying echogenicity. Full gall bladder containing small amount of hyperechogenic sediment. Thickened and hyperechogenic appearance of the gall bladder wall. Normal bile duct (0.3 cm).

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PATIENT

Gastrointestinal

Lola Quinn

Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.49 cm, jejunum 0.37 cm, colon 0.15 cm) and peristaltic activity, and no distension of the lumen. Mild thickening of the gastric wall (0.55 cm) with no loss of layering or distension of the lumen.

SPECIES

Canine

Pancreas

BREED

Pit bull terrier

Normal size (right 1.4 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

SEX

FS

Mesenteric lymphadenomegaly (0.5 x 1.5 cm) with a normal shape and echogenic appearance. Small amount of acellular ascites.

Age

12 years

Other

Large mottled echogenic cystic mammary mass approximately 1.9 x 6.2 cm in size.

WEIGHT

58 #

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Adrenal masses.
- Hepatic masses.
- Hepatopathy.
- Lymphadenomegaly.
- Mammary mass.

Secondary Findings:

- Gastric thickening.
- Gall bladder sediment.
- Previous cholecystitis.
- Ascites.

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IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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REFERRING VET

Dr Lawrence

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the adrenal glands together with the history is consistent with functional neoplasia.

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Etiologies for the hepatic masses would be neoplasia, granulomas, and nodular hyperplasia.

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Etiologies for the hepatopathy would be secondary to the masses, metabolic secondary to the Cushing's disease, reactive, chronic hepatitis, and infiltrative neoplasia.

Etiologies for the lymph nodes would be reactive, lymphadenitis, and infiltrative neoplasia.

The most likely etiology for the mammary mass would be neoplasia.


PATIENT

Lola Quinn

Although the gastric thickening may be an incidental finding, non-specific gastritis (viral, bacterial helminths, toxins, dietary indiscretion), *Helicobacter* gastritis, ulcerative disease, and inflammatory bowel disease needs to be considered.

SPECIES

Canine

Further assessment would be fecal analysis, 3-view thoracic radiographs, and FNA cytology of the hepatic masses, liver, and mammary mass.

BREED

Pit bull terrier

Specific therapy would be dependent on an etiological diagnosis.

IMAGES
Left adrenal
SEX

FS

Age

12 years

WEIGHT

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Right adrenal




PATIENT Liver

Lola Quinn

SPECIES

Canine

BREED

Pit bull terrier

SEX

FS

Age

12 years

WEIGHT

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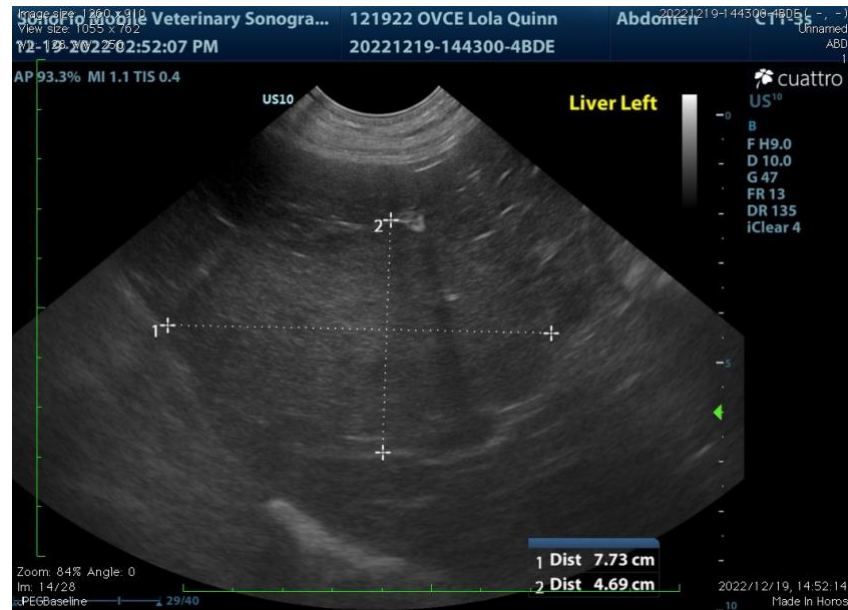
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PATIENT

Mammary mass

Lola Quinn

SPECIES

Canine

BREED

Pit bull terrier

SEX

FS

Age

12 years

WEIGHT

58 #



INTERPRETED BY

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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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