


PATIENT PRESENTING CLINICAL SIGNS

PATIENT
 Misty Carrothers
 History: Mild PuPd.

SPECIES
 Canine
 Physical Examination: N/A.

BREED
 Chihuahua Mix
 Urinalysis: SG 1.032, pH 6.
 CBC: Normal.

Serum Biochemistry: Elevated ALT activity, cholesterol, urea, severely elevated ALP activity,
 Radiographic Findings: N/A.

SEX

FS

Age

9 years

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.

WEIGHT

7.3 kg

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size (left 4.3 cm, right 4.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Stan Gira

Adrenal Glands

Normal shape, echogenic appearance, and position. Normal size of the left gland (0.53/0.63 cm). Enlarged right gland with a nodular appearance of the cranial pole (0.9 cm).

HOSPITAL NAME

Sabadilla Animal Clinic

Spleen

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

REFERRING VET

Dr Stan Gira

Liver
INVOICE

304062

Enlarged with increased echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident.

DATE

3/30/23

Gall bladder

Full containing small amount of hyperechogenic sediment. Normal thickness and appearance of the wall. Normal bile duct.



PATIENT

Gastrointestinal

Misty Carrothers

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

SPECIES

Pancreas

Canine

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Free Abdomen

Chihuahua Mix

Normal mesenteric lymph nodes.

SEX

No ascites evident.

FS

Normal size of the caudal vena cava, portal vein, and aorta with no obvious turbulent blood flow evident.

Age

ULTRASONOGRAPHIC FINDINGS

9 years

Primary Findings:

WEIGHT

- Right adenomegaly.
- Hepatopathy.

7.3 kg

Secondary Findings:

INTERPRETED BY

- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING PERFORMED BY

Etiologies of the right adrenal gland would be incidental non-functional adenoma, functional adenoma, and emerging carcinoma or pheochromocytoma.

Dr Stan Gira

Etiologies for the hepatopathy would be reactive, metabolic, vacuolar, chronic hepatitis, and infiltrative neoplasia.

HOSPITAL NAME

Sabadilla Animal Clinic

Further assessment would be FNA cytology of the liver, adrenal function testing (ACTH stimulation/LDDS test), and possibly screening for pheochromocytoma (serial blood pressure and urine/plasma catecholamine assay).

REFERRING VET

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Specific therapy would be dependent on an etiological diagnosis.

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Misty Carrothers

SPECIES

Canine

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Chihuahua Mix

SEX

FS

Age

9 years

WEIGHT

7.3 kg

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REFERRING VET

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IMAGES

Right adrenal



Liver



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)
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