


PATIENT PRESENTING CLINICAL SIGNS

Lucky Smith
 History: Elevated liver enzyme activity.
 Physical Examination: Grade 3 heart murmur.
SPECIES
 Canine
 Urinalysis: N/A.
 CBC: N/A.
BREED
 Miniature Schauzner
 Serum Biochemistry: Elevated ALT and ALP activity.
 Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
MN *Urinary System*

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

WEIGHT
 22 #
 Normal trigone area, proximal urethra (0.6 cm), and iliac blood vessels.

Normal iliac lymph nodes (1 cm). Ureters not visualized.

Normal renal size (left 5.2 cm, right 5.8 cm), echogenic appearance, cortico-medullary differentiation, and capsule. Normal left pelvis, right pyelectasia (0.5 cm).

INTERPRETED BY *Reproductive System*

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Enlarged prostate (1.5 x 2.4 cm) with a mottled echogenic appearance and irregular capsule.

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.52 cm, right 0.5 cm. Hyperechogenic parenchymal nodules in the cranial pole of both glands – left 0.5 x 1 cm, right 0.8 x 1.3 cm.

Spleen

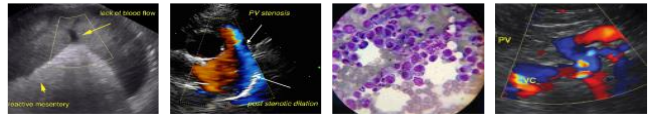
Normal size (1.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. Small focal cystic parenchymal nodule (0.5 x 1.1 cm) in the body of the spleen. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

304056
 Enlarged with rounded edges, mottled echogenic and nodular appearance, loss of portal markings, and regular curvilinear capsule. Nodules are faint, parenchymal hyperechogenic, and up to 1.7 x 2.4 cm in size.

DATE *Gall bladder*

3/30/23
 Full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal bile duct (0.2 cm).


PATIENT *Gastrointestinal*

Lucky Smith Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.4 cm, duodenum 0.44 cm, jejunum 0.27 cm, colon 0.12 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Canine

Pancreas

Normal size (right 1 cm, left 0.9 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

Miniature Schauzner

Free Abdomen
SEX

Normal mesenteric lymph nodes (2.2 cm) with normal shape and echogenic appearance. No ascites evident.

MN
Age

9 years

Primary Findings:

- Nodular hepatopathy.
- Bilateral adrenal nodules.
- Prostamegaly.
- Splenic nodule.

WEIGHT

22 #

INTERPRETED BY
Secondary Findings:

- Right pyelectasia.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
IMAGING PERFORMED BY

Etiologies for the nodular hepatopathy would be reactive, nodular hyperplasia, granulomatous disease, chronic hepatitis, and infiltrative neoplasia.

Sonya Myers, DVM

HOSPITAL NAME

Etiologies for the adrenal nodules would be incidental non-functional adenomas, functional adenomas, and emerging carcinomas.

Lake Emma Animal Hospital

REFERRING VET

The appearance of the prostate is suspicious for neoplasia.

Dr Hecker

Etiologies for the splenic nodule would be granuloma, hematoma, organized abscess, and neoplasia.

INVOICE

Etiologies for the pyelectasia would be recent fluid therapy, incidental-age-related change, and pyelonephritis.

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Further assessment would be urinalysis, urine culture, FNA cytology of the liver and splenic nodule, prostatic wash cytology, and adrenal function testing (ACTH stimulation/LDDS test).

DATE

Specific therapy would be dependent on an etiological diagnosis.

3/30/23



PATIENT

Lucky Smith

SPECIES

Canine

BREED

Miniature Schauzer

SEX

MN

Age

9 years

WEIGHT

22 #

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HOSPITAL NAME

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REFERRING VET

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INVOICE

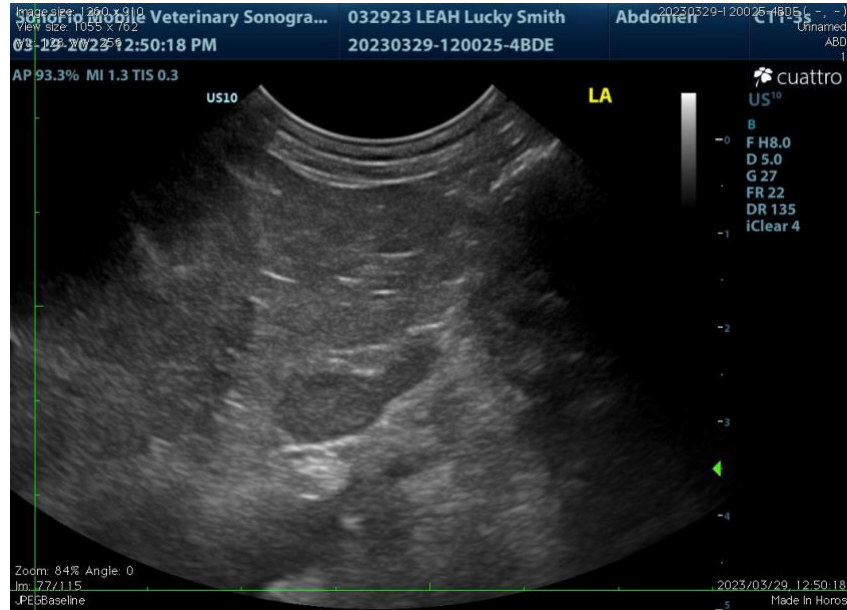
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DATE

3/30/23

IMAGES

Left adrenal



Right adrenal





PATIENT Liver

Lucky Smith

SPECIES

Canine

BREED

Miniature Schauzner

SEX

MN

Age

9 years

WEIGHT

22 #



Spleen

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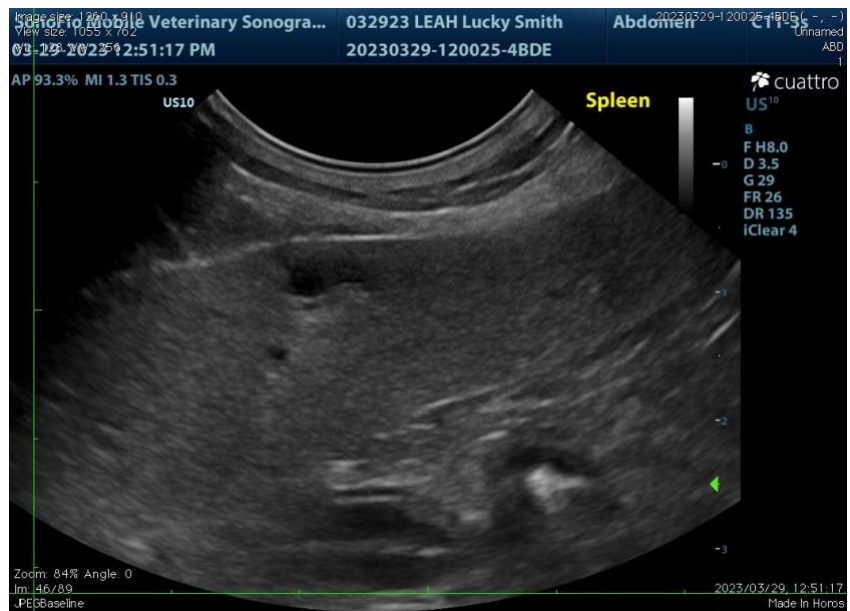
Dr Hecker

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DATE

3/30/23





PATIENT Prostate

Lucky Smith

SPECIES

Canine

BREED

Miniature Schauzner

SEX

MN

Age

9 years

WEIGHT

22 #



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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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