



PATIENT

Nelson Langley

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

15 Years 7 Months

WEIGHT

6.2 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Animal Hospital of
Lake Brandt

REFERRING VET

Dr. Smith

INVOICE

74727

DATE

4/23/26

PRESENTING CLINICAL SIGNS

P presented for double cavity scan. P has a mass on left side of neck. Wanting to biopsy, Please comment on anesthetic risk, best protocol, mets in abdomen?

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size, architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Left kidney measures 3.3 cm. Right kidney measures 3.5 cm. Normal color flow pattern evident in both kidneys. A few small cortical cysts are evidence in both kidneys.

Reproductive System

Small, hypoechogenic prostate measuring 0.70 cm in width.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left measures 1.69 cm in length x 0.48 cm and 0.63 cm in width. Right measures 1.07 cm in length x 0.66 cm in width.

Spleen

Normal size (0.80 cm in width) and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

Liver

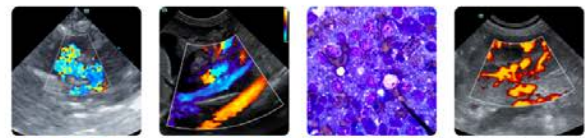
Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules evident. An irregular, mottled, echogenic mass is noted in the right lobe measuring approximately 1.5 cm x 2.7 cm in size. Normal appearance of the hepatic and portal vasculature.

Gallbladder

Full containing normal anechoic bile. A few small non-obstructive polyps are noted, measuring up to 0.60 cm x 0.60 cm in size. Normal thickness. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.



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Pancreas

Normal size with an increased echogenic appearance and an irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

ULTRASONOGRAPHIC FINDINGS

- Hepatic mass.
- Chronic pancreatitis versus pancreatic fibrosis.
- Gallbladder polyps.
- Renal cysts.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

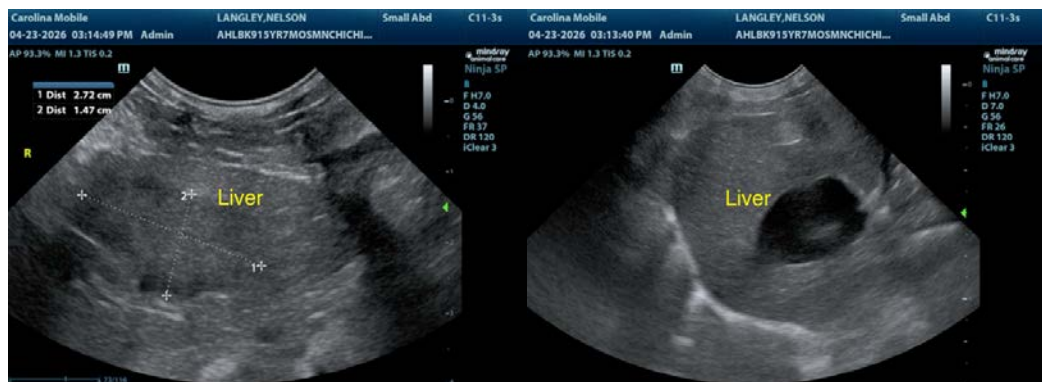
Etiologies for the hepatic mass would be hepatoma, emerging primary hepatocellular carcinoma, and possibly a granuloma.

The gallbladder polyps and renal cysts can be considered incidental findings.

Further assessment would be cPLI/PSL assay and FNA cytology of the hepatic mass. A tru-cut or wedge biopsy of the mass may, however, be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis.

If surgery is being contemplated for the hepatic mass, then a CT scan would be recommended.





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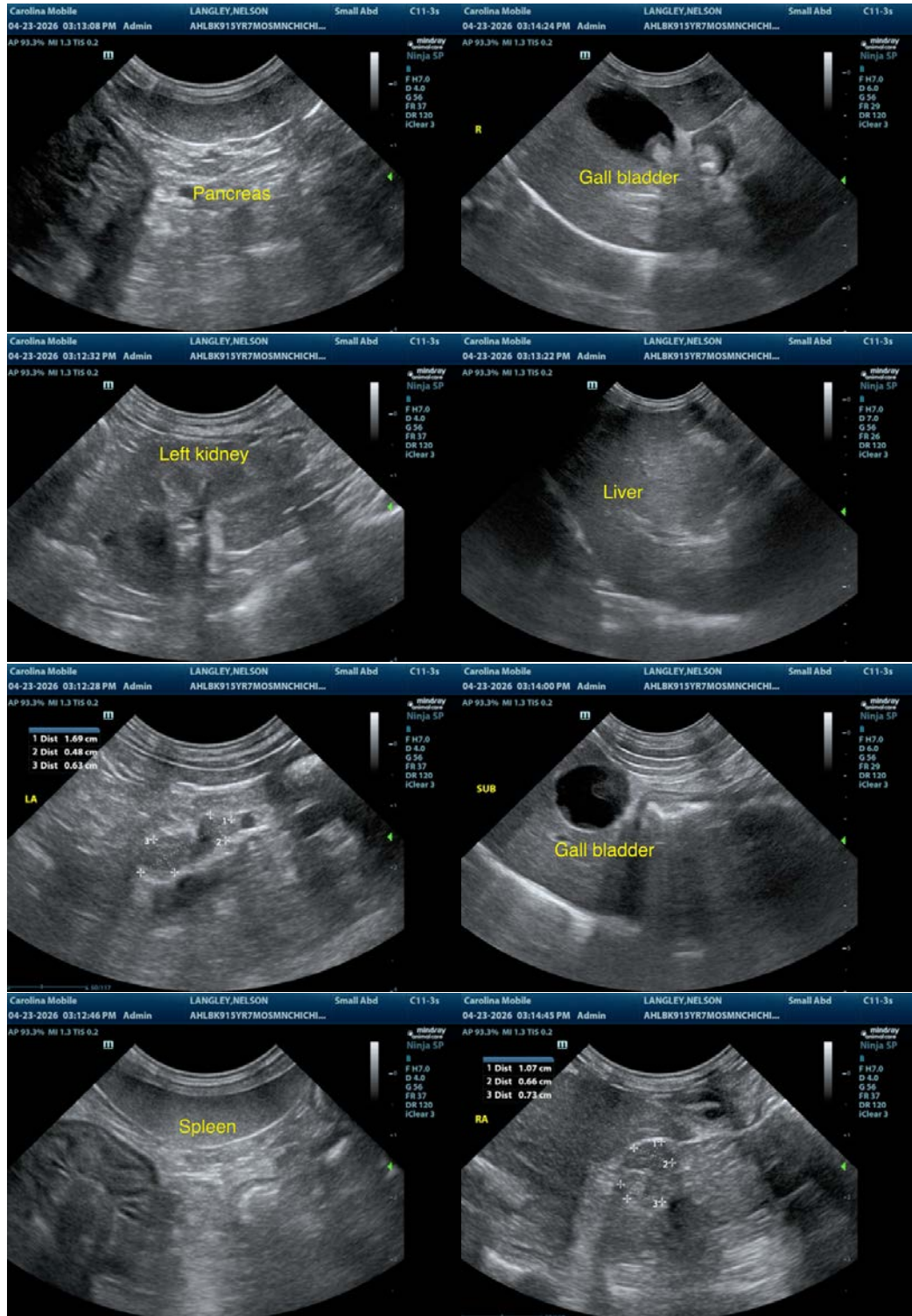
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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

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