



PATIENT

Pumpkin Lovelace

SPECIES

Canine

BREED

Australian Shepherd
Mix

SEX

Spayed female

AGE

11 years

WEIGHT

37 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kathleen Byrnes

HOSPITAL NAME

Animal Hospital of
Lake Brandt

REFERRING VET

Dr. Smith

INVOICE

74065

DATE

4/2/26

PRESENTING CLINICAL SIGNS

- P presented for US due to soft stool and uncomfortable and whimpering, reluctant to lie down
- Rad report- about 2 moderately large hepatic masses suspected, one or two additional abdominal masses possible, possible cardiomegaly, no evidence of thoracic metastatic neoplasm

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is small 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.

The left kidney is normal in size (5.8 cm) with an increased echogenic appearance, loss of corticomedullary differentiation, pyelectasia and an irregular capsule. No infarcts, mineralization, or renoliths evident.

The right kidney is normal in size (6.9 cm) with normal architecture, echogenic appearance, corticomedullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.25 cm in length x 0.47 cm and 0.53 cm in width. The right adrenal gland measured 2.73 cm in length x 0.67 cm in width.

Spleen

Normal size 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. The spleen measures 1.4 cm in width.

Liver

The liver is enlarged with rounded edges, diffuse, increased echogenic appearance, normal portal markings, and regular curvilinear capsule. Two mottled echogenic masses evident, one measured 3.9 x 4.0 cm in size. The other mass measured 5.4 x 5.5 cm in size. No nodules evident. Normal appearance of the hepatic and portal vasculature.



PATIENT

Pumpkin Lovelace

SPECIES

Canine

BREED

Australian Shepherd
Mix

SEX

Spayed female

AGE

11 years

WEIGHT

37 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Animal Hospital of
Lake Brandt

REFERRING VET

Dr. Smith

INVOICE

74065

DATE

4/2/26

Gallbladder

The gallbladder is full containing a small amount of non-adhered hyperechogenic sediment. A small, hyperechogenic polyp measuring 0.7 x 1.1 cm. Normal thickness and echogenic appearance of the wall. 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.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

Two small cystic structures were noted in the region of the ovaries. The left structure measured 1.1 x 1.5 cm in size The right structure measured 1.0 x 1.0 cm in size.

ULTRASONOGRAPHIC FINDINGS

- Hepatopathy.
- Hepatic masses.
- Left-sided nephropathy.
- Gallbladder sediment.
- Gallbladder polyp.
- Ovarian remnant?

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive hyperplasia, vacuolar and metabolic with hepatitis and infiltrative neoplasia a possible differential diagnosis.

Etiologies for the hepatic masses would be hepatomas, granulomas, and possibly hepatocellular carcinomas.

Etiologies for the left-sided nephropathy would be previous episode of acute kidney injury, bacterial nephritis or obstructive nephropathy as well as a possible congenital anomaly.



PATIENT

Pumpkin Lovelace

SPECIES

Canine

BREED

Australian Shepherd
 Mix

SEX

Spayed female

AGE

11 years

WEIGHT

37 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Animal Hospital of
 Lake Brandt

REFERRING VET

Dr. Smith

INVOICE

74065

DATE

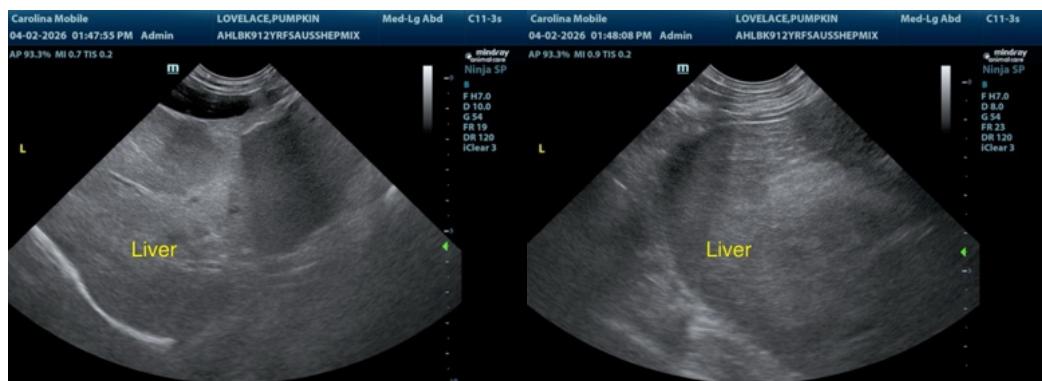
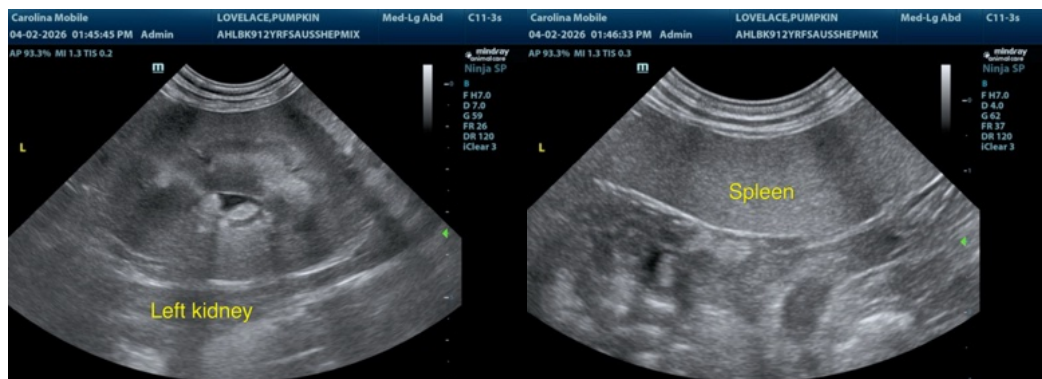
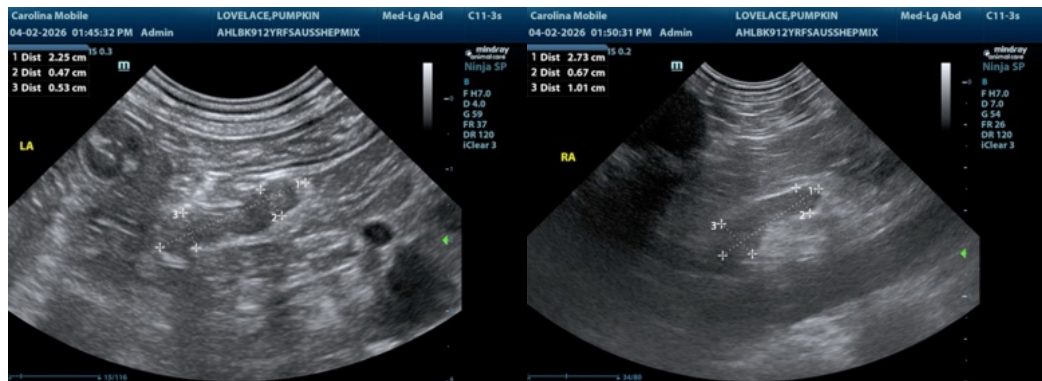
4/2/26

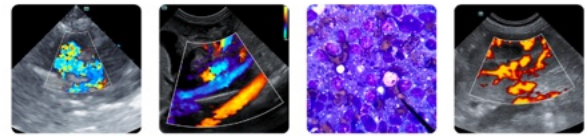
The gallbladder sediment and gallbladder polyp can be considered incidental findings.

Further assessment would be based on the pending cytology results. However, a tru cut or wedge biopsy of the liver and the masses may be required for a final etiological diagnosis.

Anti-mullerian hormone assay can also be considered.

Specific therapy would be dependent on an etiological diagnosis.





PATIENT

Pumpkin Lovelace

SPECIES

Canine

BREED

Australian Shepherd
 Mix

SEX

Spayed female

AGE

11 years

WEIGHT

37 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Animal Hospital of
 Lake Brandt

REFERRING VET

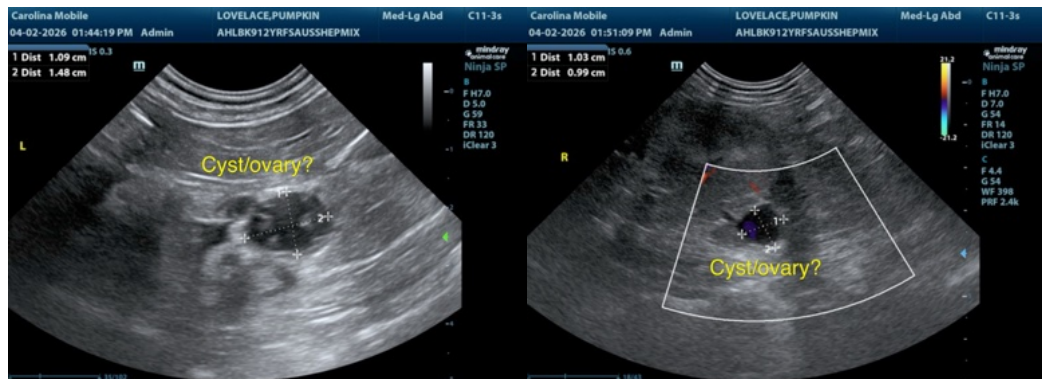
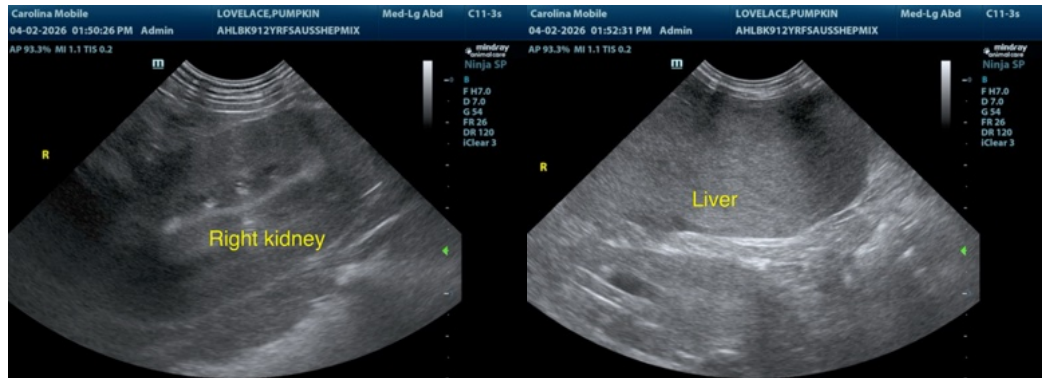
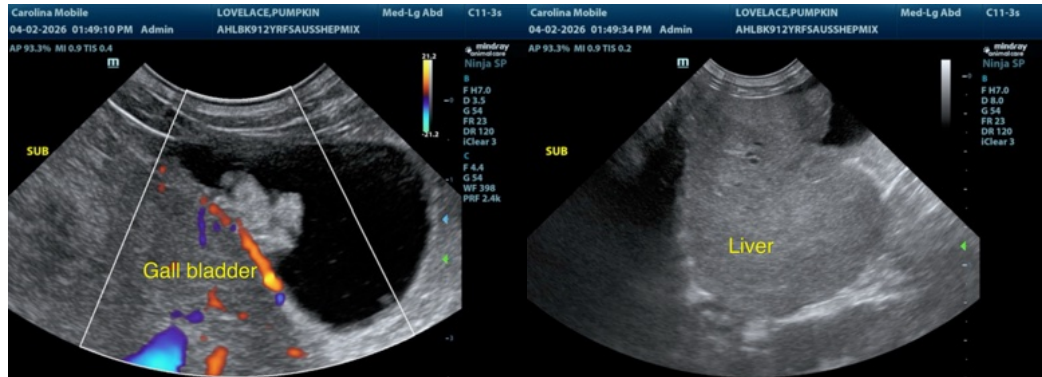
Dr. Smith

INVOICE

74065

DATE

4/2/26



The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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)

info@SonoPath.com