



PATIENT

Smokey Ewell

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

21 years

WEIGHT

6.5 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Peter Langer, DVM

HOSPITAL NAME

North Hampton AH

REFERRING VET

Dr. Solomon

INVOICE

69269

DATE

12/2/25

PRESENTING CLINICAL SIGNS

History: Decreased appetite and lethargy. Chronic kidney disease (IRIS Stage II). Concern for concurrent chronic pancreatitis or GI neoplasia.

Abnormal PE/Chem/CBC/UA Results: CBC: stress leukogram CHEM: BUN 48 CREA 2.7 AMY 1744 Precision PSL 39 T4: 0.50 UA: 1.019 usg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full 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 (left measured 3.5 cm, right measured 3.8 cm), increased echogenic appearance, some loss of cortico-medullary differentiation, left sided pyelectasia (measuring 0.6 cm), normal right pelvis and a regular curvilinear capsule of both kidneys. No infarcts, mineralization or renoliths evident.

Normal color flow pattern is evident in both kidneys.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.21 cm and 0.31 cm in width. The right adrenal gland measured 0.32 cm and 0.32 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 measured 0.6 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



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Gallbladder

The gallbladder is full containing normal anechoic bile. 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

Normal size (left 0.6 cm in width) with a mottled 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

- Renal disease.
- Chronic pancreatitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the kidneys is consistent with chronic kidney disease. Although the left-sided pyelectasia is most likely associated with the chronic renal changes, underlying low-grade pyelonephritis should still be considered.

Further assessment of the renal disease would be urine culture and blood pressure measurements.

Ideal management of the chronic pancreatitis would be feeding small, frequent meals of a low-fat intestinal type diet. This however, needs to be balanced with feeding a renal diet for the chronic renal disease.

Initial management of the chronic kidney disease would be either an ace inhibitor or receptor blockers and enteric phosphate binders as needed.



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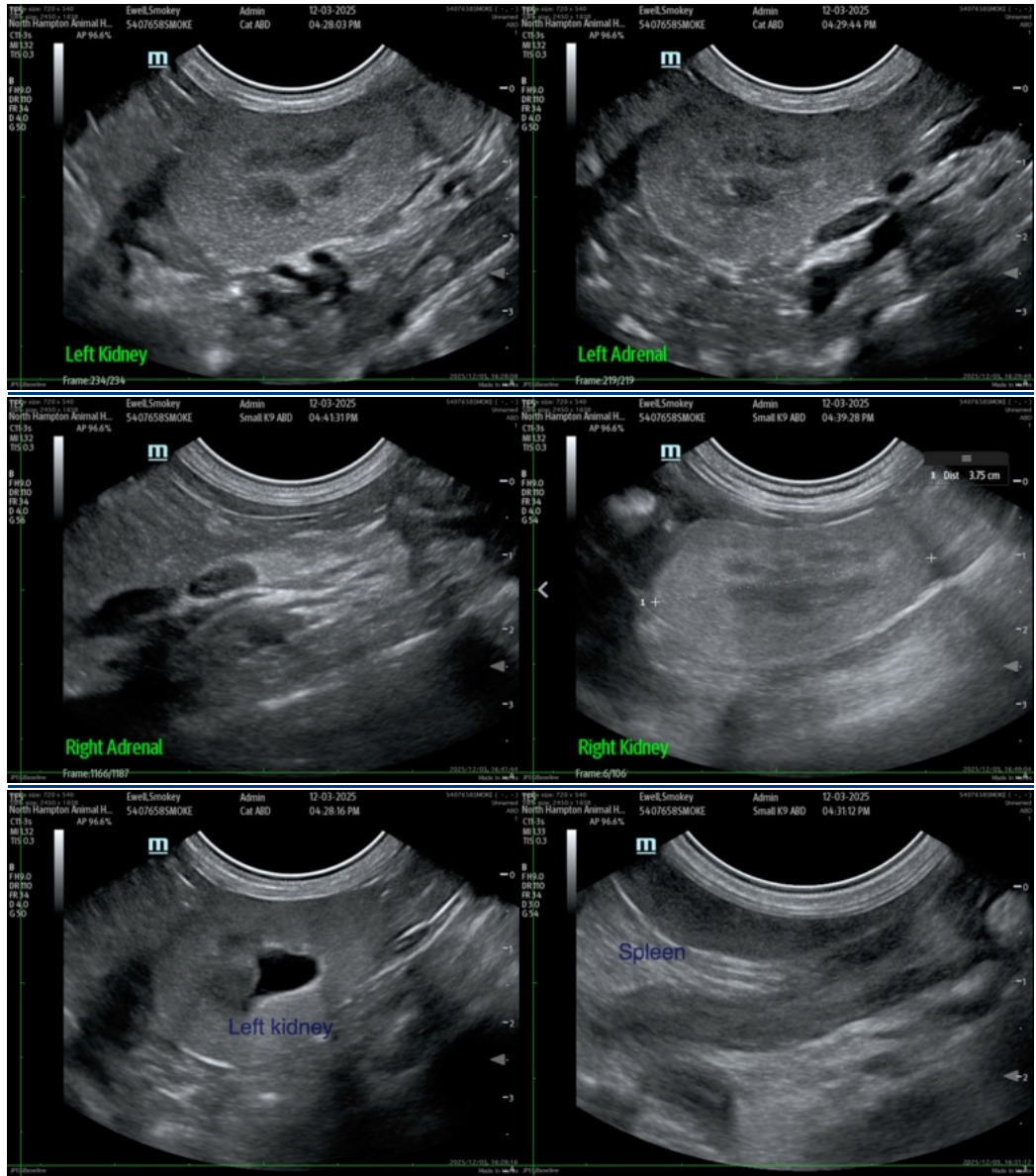
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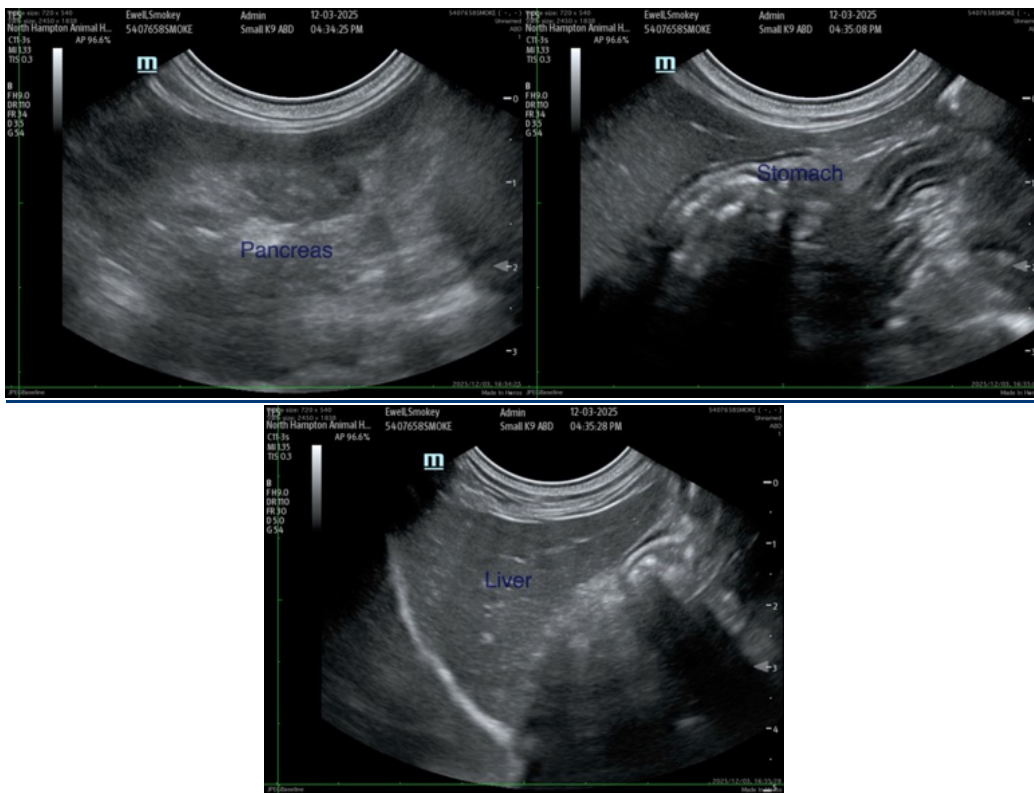
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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