



## PATIENT

Cookie He

## SPECIES

Canine

## BREED

Miniature Poodle

## SEX

Spayed female

## AGE

9 years

## WEIGHT

5.7 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Leah Richter

## HOSPITAL NAME

Allied Veterinary  
Emergency & Referral

## REFERRING VET

Dr. Richter

## INVOICE

75558

## DATE

5/14/26

## PRESENTING CLINICAL SIGNS

History: History of 1 bump on L anal gland and 2-3 on right anal gland. Has been licking at rear end. Normal drinking/urination, normal appetite, no vomiting/diarrhea. Last ate ~9am today.  
5/9 CBC- nsf CHEM8- nsf (Crea 0.6, BUN 11, iCa 1.28) UA- cocci, many casts TXR: 1. Pulmonary metastatic neoplasia is not identified. The bronchial pulmonary pattern could be indicative of chronic lower airway disease/bronchitis. A component of age-related fibrosis is likely contributing to this finding. This may be the result of allergic, eosinophilic/parasitic or infectious etiologies or any combination thereof. 2. Mild hepatomegaly. This is a nonspecific finding and differentials include benign etiologies, congestion, and/or infiltrative disease. L anal gland - 2mm firm nodule R anal gland - 1cm lobulated firm mass

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex. The capsules were acceptably uniform without significant irregularities. Pinpoint mineralization was noted and non-obstructive. The left kidney measured 4.5 cm. The right kidney revealed slight pyelectasia. The right kidney measured 4.6 cm.

Iliac trifurcation was unremarkable. There was no evidence of lymphadenopathy.

### Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 0.5 cm. The right adrenal gland measured 0.53 cm at the cranial pole and 0.4 cm at the caudal pole.

### Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.



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## Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident. Transdiaphragmatic view revealed B lines in the chest.

## Gastrointestinal

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

## Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

## ULTRASONOGRAPHIC FINDINGS

Pinpoint renal mineralization.

Post prandial gastrointestinal presentation.

B lines in the thorax.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of significant disease. Chest radiographs are warranted to ensure that alveolar disease is not an issue.



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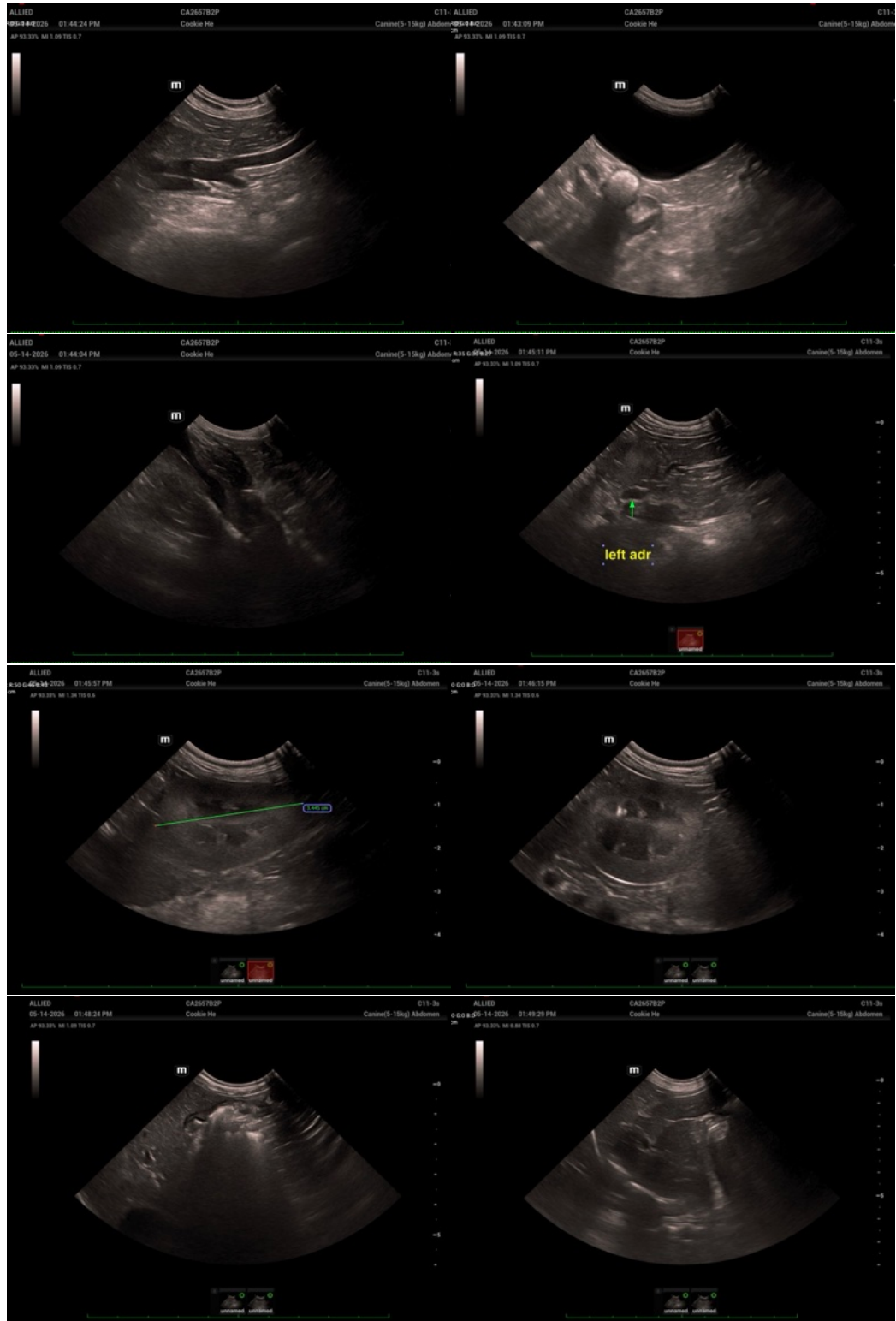
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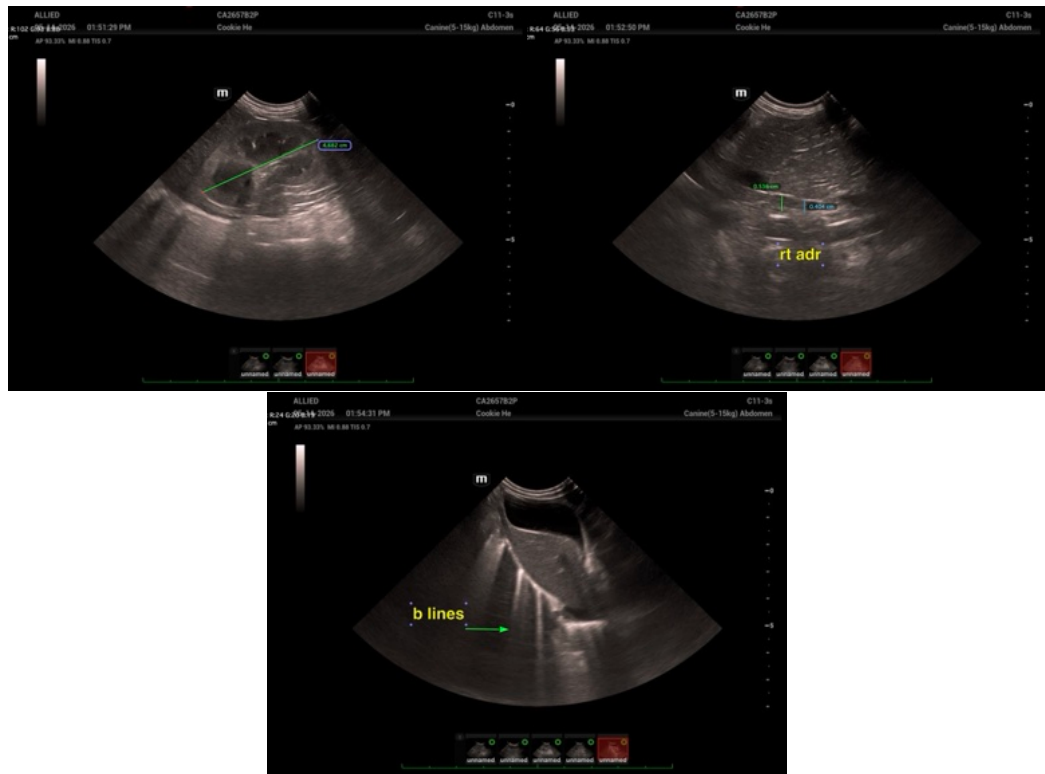
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP (CFM), Cert. IVUSS, CEO of SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)