



**PATIENT**

Pearl Hillery

**SPECIES**

Canine

**BREED**

American Staffordshire  
Terrier Mix

**SEX**

Spayed Female

**AGE**

13

**WEIGHT**

56.6 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Brian Klug

**HOSPITAL NAME**

Sondel Family VC

**REFERRING VET**

Jesse Sondel

**INVOICE**

21975

**DATE**

4/13/23

**PRESENTING CLINICAL SIGNS**

History: I got the radiology report for Pearl's xrays. She said the lung lesion we are seeing is likely benign but she can't rule out cancer and recommended recheck xrays in 3 weeks to check for more of them or for growth She said she has "suspected" mild heart enlargement but I didn't hear a murmur yesterday and don't think chelsea has ever heard one on her in the past. The mild heart enlargement wasn't the cause of her signs yesterday though and is an incidental finding. She had that inflamed bronchi pattern in her lungs that we talked about yesterday and it could be geriatric change vs. allergies vs. something infectious although that's less likely

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a mild change, and a frequent finding in older animals, and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra 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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.7 cm. The right kidney measured 6.7 cm.

**Adrenal Glands**

The **right adrenal gland** was 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 right adrenal gland measured 0.82 cm in width.

The **left adrenal gland** was slightly irregular at the caudal pole, measuring 1.0 cm at the caudal pole and 0.47 cm at the cranial pole.

**Spleen**

The **spleen** was mildly enlarged and slightly heterogenous. Cranial folding of the spleen was noted. A cystic lesion (approximately 1.0 cm), and a separate cystic lesion (approximately 5.0 mm) were noted.

**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.

**Gastrointestinal**



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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. 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.

## SPECIES

Canine

### 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.

## BREED

American Staffordshire  
Terrier Mix

### Free Abdomen

The iliac **lymph nodes** were slightly enlarged and hypoechoic, measuring up to 1.0 cm x 0.5 cm. Length to width ratio was maintained. These are likely reactive.

## SEX

Spayed Female

## ULTRASONOGRAPHIC FINDINGS

## AGE

13

- Slightly irregular left adrenal gland- likely hyperplasia
- Mild bladder thickening
- Cystic splenic lesions, potential for hemangiosarcoma, however, benign cysts are most likely
- Age-related renal changes
- Iliac lymph nodes slightly enlarged and hypoechoic

## WEIGHT

56.6 Pounds

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Assessment for cystitis is recommended.

## INTERPRETED BY

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DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Brian Klug

## HOSPITAL NAME

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## REFERRING VET

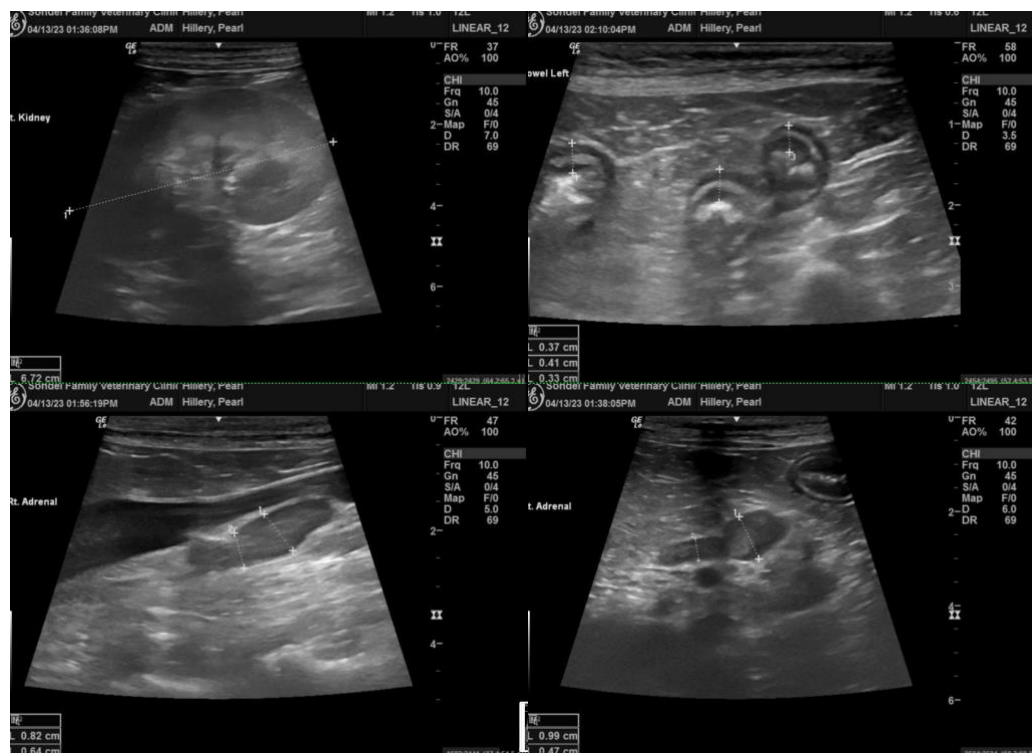
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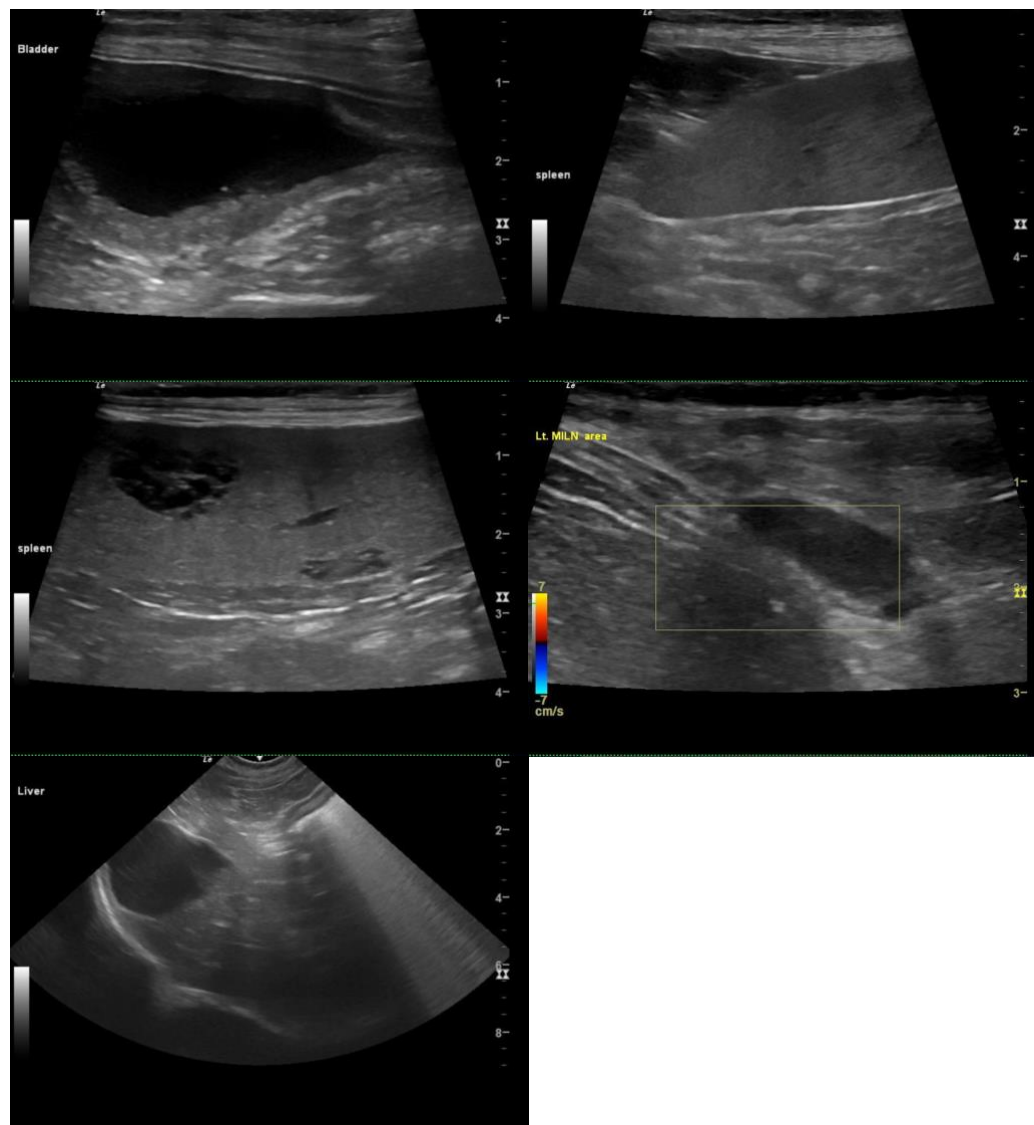
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist**, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com  
info@SonoPath.com