



## PATIENT

Merlin Coats

## SPECIES

Canine

## BREED

Australian Cattle Dog

## SEX

Neutered Male

## AGE

14.75 Years

## WEIGHT

32.4

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP(CFM), Cert.  
IVUSS

## IMAGING PERFORMED BY

Emily Kirk

## HOSPITAL NAME

Shiloh Animal Hospital

## REFERRING VET

Dr. Shana Silverstein

## INVOICE

16397

## DATE

06/06/26

## PRESENTING CLINICAL SIGNS

Significant weight loss (11 pounds since January 2024), 4 more in last 4 months. Also has a history of mild hypercalcemia.

Abnormal PE/Chem/CBC/UA Results: ALP 384 (was 479 Dec 2025); slightly elevated Ca = 12.1 (8.4-11.8)

## 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 were noted. Ureteral papillae were normal.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 6.2 cm in length. The right kidney measured 5.6 cm in length.

### Adrenal Glands

The **adrenal glands** appeared moderately enlarged and swollen. No evidence of focal capsular expansion or invasion into the phrenic veins was noted. No overt suspicion of neoplasia was noted. This is considered likely a hyperplastic change associated with stress or adrenal endocrinopathy (PDH). If isosthenuria is persistently present and the patient morphologically suggests Cushing's disease then ACTH testing would be indicated. The left adrenal gland measured 0.92 cm width. The right adrenal gland measured 0.92 cm width. Multifocal mineralizations without disruption of architecture.

### Spleen

The **spleen** revealed a moderately complex 7.0 cm mass without evidence of rupture deriving from the cranial body. No overt evidence of metastatic disease or rupture.

### Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented with minor excessive congealed bile. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

### Gastrointestinal

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



**PATIENT**

Merlin Coats

**SPECIES**

Canine

**BREED**

Australian Cattle Dog

**SEX**

Neutered Male

**AGE**

14.75 Years

**WEIGHT**

32.4

**INTERPRETED BY**

Eric Lindquist, DMV,  
DABVP(CFM), Cert.  
IVUSS

**IMAGING PERFORMED BY**

Emily Kirk

**HOSPITAL NAME**

Shiloh Animal Hospital

**REFERRING VET**

Dr. Shana Silverstein

**INVOICE**

16397

**DATE**

06/06/26

demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

**Pancreas**

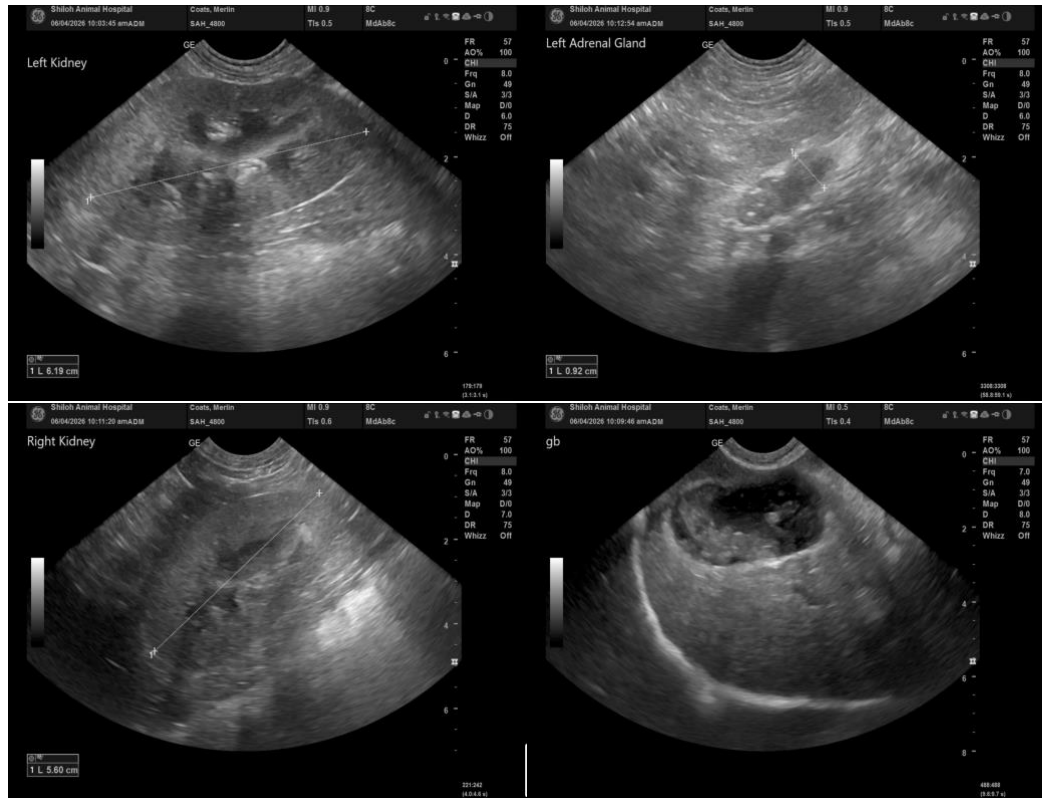
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**ULTRASONOGRAPHIC FINDINGS**

- Pedunculated splenic mass deriving from the cranial body.
- Bilateral adrenal hypertrophy with mineralizations.
- Age-related abdominal changes otherwise.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Cannot rule out micrometastasis to the liver. Chest radiographs, rapid echocardiogram, followed by exploratory splenectomy are recommended. Liver biopsy is warranted to rule out micrometastasis. Hemangiosarcoma is possible, round cell neoplasia, stromal tumor, histopathologically benign hyperplastic tumor are all possible.





## PATIENT

Merlin Coats

## SPECIES

Canine

## BREED

Australian Cattle Dog

## SEX

Neutered Male

## AGE

14.75 Years

## WEIGHT

32.4

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP(CFM), Cert.  
IVUSS

## IMAGING PERFORMED BY

Emily Kirk

## HOSPITAL NAME

Shiloh Animal Hospital

## REFERRING VET

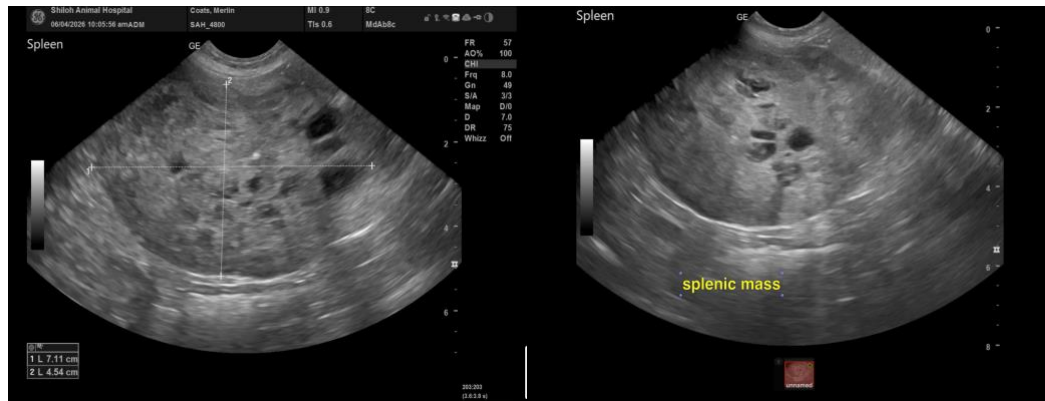
Dr. Shana Silverstein

## INVOICE

16397

## DATE

06/06/26



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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

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