



## PATIENT

Gunner Bolding

## SPECIES

Canine

## BREED

Blue Heeler

## SEX

Neutered male

## AGE

10 years

## WEIGHT

54 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Katy Borzillo

## HOSPITAL NAME

Elizabeth AH

## REFERRING VET

Dr. Anderson

## INVOICE

73778

## DATE

3/24/26

## PRESENTING CLINICAL SIGNS

- Scan for another hospital
- Labs for start up of long term pain medication for OA revealed LE elevations 2/5/2026.
- Ursodiol and Denamarin given and recheck of LE's MORE elevated on 3/5/2026.
- LDDS and ACTH normal 3/17/2026
- No clinical signs.
- PE: Normal Labs: 2/5/2026: Normal CBC, ALT 313 U/L, ALP 701 U/L on Chem 10 3/5/2026: Chem 10 again: ALT 935 U/L, ALP 819 U/L

## 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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Non-obstructive nephrolithiasis was noted on both kidneys. The left kidney measured 6.09 cm. The right kidney measured 6.1 cm.

The residual prostate measured 0.5 cm.

### 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 2.09 x 0.56 cm at the cranial pole and 0.48 cm at the caudal pole. The right adrenal gland measured 1.1 cm at the cranial pole and 0.6 cm at the caudal pole.

### Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.



## PATIENT

Gunner Bolding

## SPECIES

Canine

## BREED

Blue Heeler

## SEX

Neutered male

## AGE

10 years

## WEIGHT

54 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Katy Borzillo

## HOSPITAL NAME

Elizabeth AH

## REFERRING VET

Dr. Anderson

## INVOICE

73778

## DATE

3/24/26

## Liver

The right cranial **liver** revealed hyperechoic mass. The hepatic mass was mildly vascular and irregular in contour. There is a strong concern for carcinoma. The gallbladder and common bile duct 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 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.

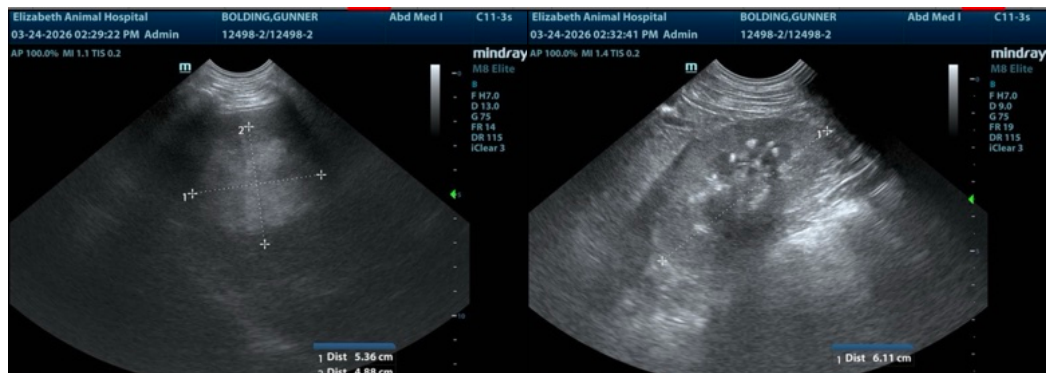
## ULTRASONOGRAPHIC FINDINGS

Right cranial liver mass, suspect carcinoma. Granuloma is possible.

Otherwise, unremarkable abdomen.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

25-gauge FNA from an SDEP 12 right intercostal position is recommended. Coagulation panel and 25-gauge FNA is warranted.





**PATIENT**

Gunner Bolding

**SPECIES**

Canine

**BREED**

Blue Heeler

**SEX**

Neutered male

**AGE**

10 years

**WEIGHT**

54 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Katy Borzillo

**HOSPITAL NAME**

Elizabeth AH

**REFERRING VET**

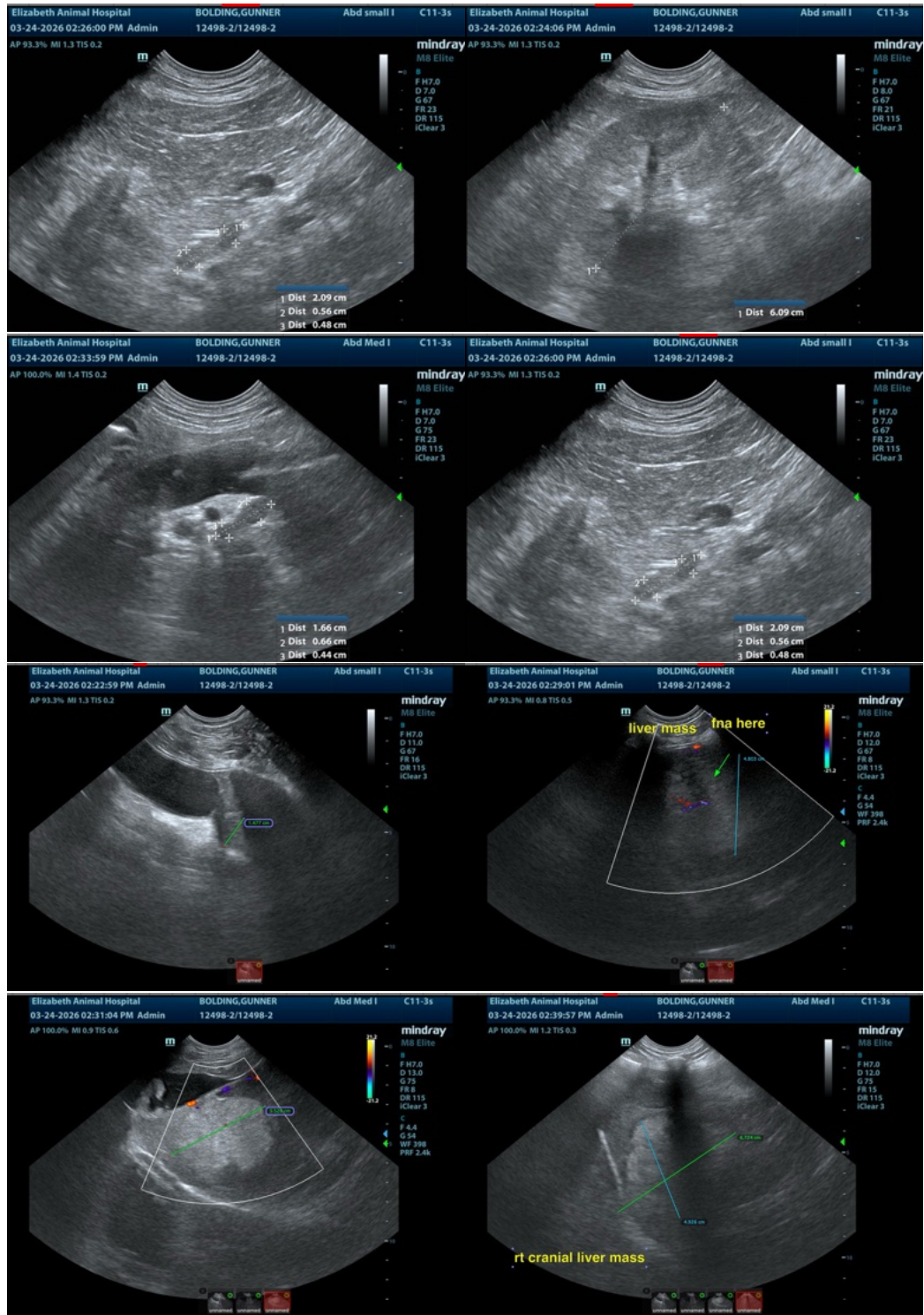
Dr. Anderson

**INVOICE**

73778

**DATE**

3/24/26





## PATIENT

Gunner Bolding

## SPECIES

Canine

## BREED

Blue Heeler

## SEX

Neutered male

## AGE

10 years

## WEIGHT

54 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Katy Borzillo

## HOSPITAL NAME

Elizabeth AH

## REFERRING VET

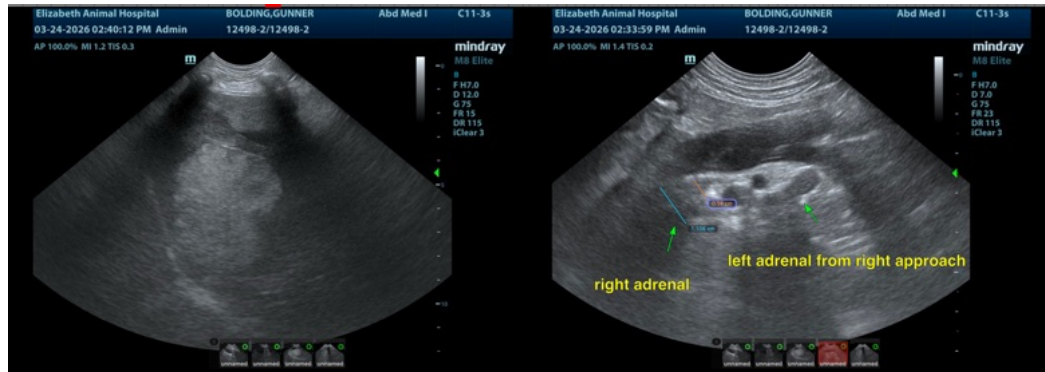
Dr. Anderson

## INVOICE

73778

## DATE

3/24/26



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 of SonoPath.com

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