



## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

Save Emergency/ER  
Doctor

## INVOICE

73725

## DATE

3/24/26

## PRESENTING CLINICAL SIGNS

- Presenting Complaint: Acute choking/gagging episode with persistent pharyngeal irritation (gulping, licking, panting) following suspected ingestion of plant burr.
- Heart murmur on PE
- Physical Exam Findings: BAR, stable vitals, Pharyngeal/tracheal palpation - elicits gulping/lip licking, No respiratory distress; lungs clear, Mild abdominal tension (likely stress-related), Burrs noted on body (supporting exposure) - Grade 2/6 systolic heart murmur CBC: WNL Chemistry: ALT 393 U/L ↑ ALP 563 U/L ↑ GGT 73 U/L ↑ Total bilirubin 30 μmol/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. The right kidney measured 6.0 cm. The left kidney measured 6.07 cm.

### Adrenal Glands

Both **adrenal glands** measured normal, yet appeared slightly swollen. The left adrenal gland measured 0.7 cm at the cranial pole and 0.72 cm at the caudal pole. The right adrenal gland measured 0.65 cm at the caudal pole and 0.55 cm at the cranial pole.

### Spleen

The **spleen** was normal size and relatively normal contour with multifocal hyperechoic areas of mineralization. This is a benign change; however, can be related to Cushing's disease or other endocrinopathies.

### Liver

This is subjectively benign. The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. An anechoic microcystic hepatic lesion was noted and measured 2.9 cm. A hyperechoic nodule was noted in the right cranial liver measuring 1.0 cm. Some 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



## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

Save Emergency/ER  
Doctor

## INVOICE

73725

## DATE

3/24/26

gallbladder presented some dependent debris with essentially normal contour. 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 demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph node was slightly enlarged, reactive and heterogenous measuring 1.5 x 0.5 cm.

## 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 EXAMINATION OF THE HEART

The echocardiogram in this patient revealed mild to moderate filling of the **left atrium** noted on color flow assessment of the mitral valve. The cranial and caudal **mitral** valve leaflets presented vegetative thickening consistent with endocardiosis. Doppler indicated measurable insufficiency. The **left ventricle** presented thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted. No echographically detectable evidence of infiltrative disease was visible. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.



**PATIENT**

E Wave velocity 0.94 m/sec

Lola Prichard

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

Spayed female

**AGE**

13 years

**WEIGHT**

14.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Mariusz  
Chmielinski, DVM

**HOSPITAL NAME**

Apex VS

**REFERRING VET**

Save Emergency/ER  
Doctor

**INVOICE**

73725

**DATE**

3/24/26

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO	LA/AO (Heart Base)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	5.5	-	1.3	1.7	52	83	0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	80	1.5	1.0	14.4 kg	3.5	3.5	

**ULTRASONOGRAPHIC FINDINGS**

Benign abdomen with hepatic cysts and nodules. No evidence of significant disease.

Mineralized spleen.

Adrenal glands measured normally, yet were swollen. Cannot rule out emerging PDH in this patient.

Enlarged, reactive mesenteric lymph nodes.

Stage B1 valvular disease.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Low-grade inflammatory hepatopathy is likely given the liver enzyme elevations. Drainage of the cysts and FNA of the liver could be considered for further definition, yet is subjectively benign.

The heart is stable without clinical disease. No overt contraindication for anesthesia of brief to moderate duration. I suggest Torbutrol premed, Propofol induction, Isoflo maintenance or similar protocol if anesthesia is desired. Blood pressure recommended if not already performed and target white coat negative systolic pressure of < 160 mmHg. If higher than this ACE-inhibitor is suggested to reach this level. Recheck echocardiogram is recommended in 6 months, earlier if murmur grade increases or clinical signs initiate.



## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

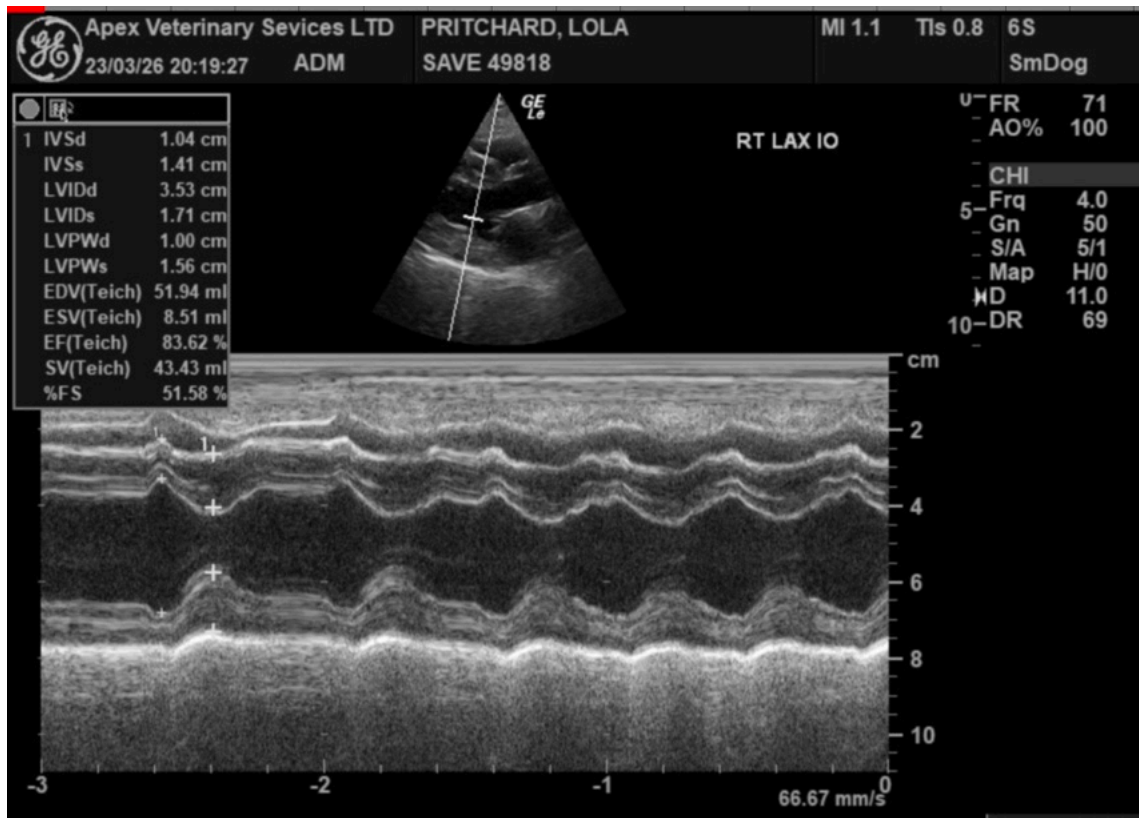
Save Emergency/ER  
Doctor

## INVOICE

73725

## DATE

3/24/26





**PATIENT**

Lola Prichard

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

Spayed female

**AGE**

13 years

**WEIGHT**

14.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Mariusz  
Chmielinski, DVM

**HOSPITAL NAME**

Apex VS

**REFERRING VET**

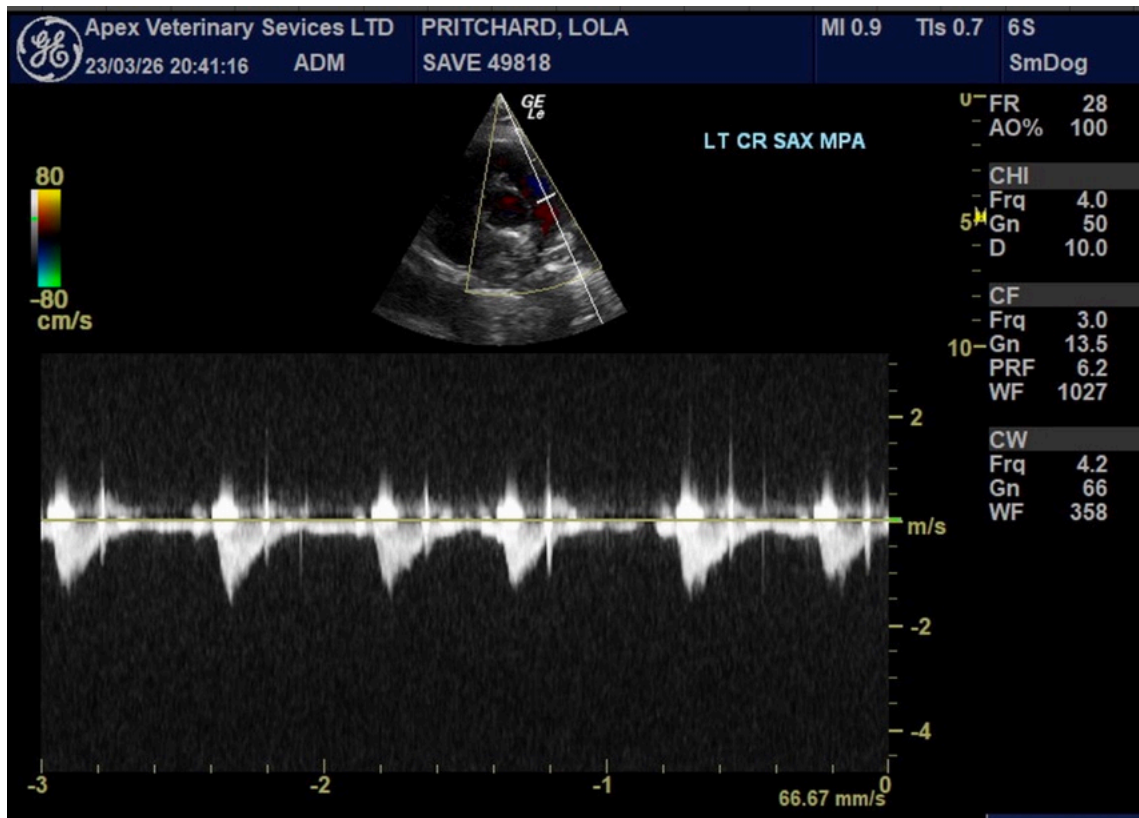
Save Emergency/ER  
Doctor

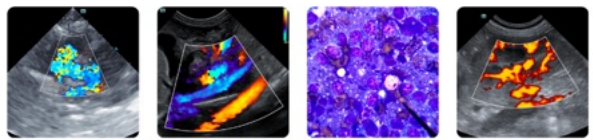
**INVOICE**

73725

**DATE**

3/24/26





**PATIENT**

Lola Prichard

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

Spayed female

**AGE**

13 years

**WEIGHT**

14.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Mariusz  
Chmielinski, DVM

**HOSPITAL NAME**

Apex VS

**REFERRING VET**

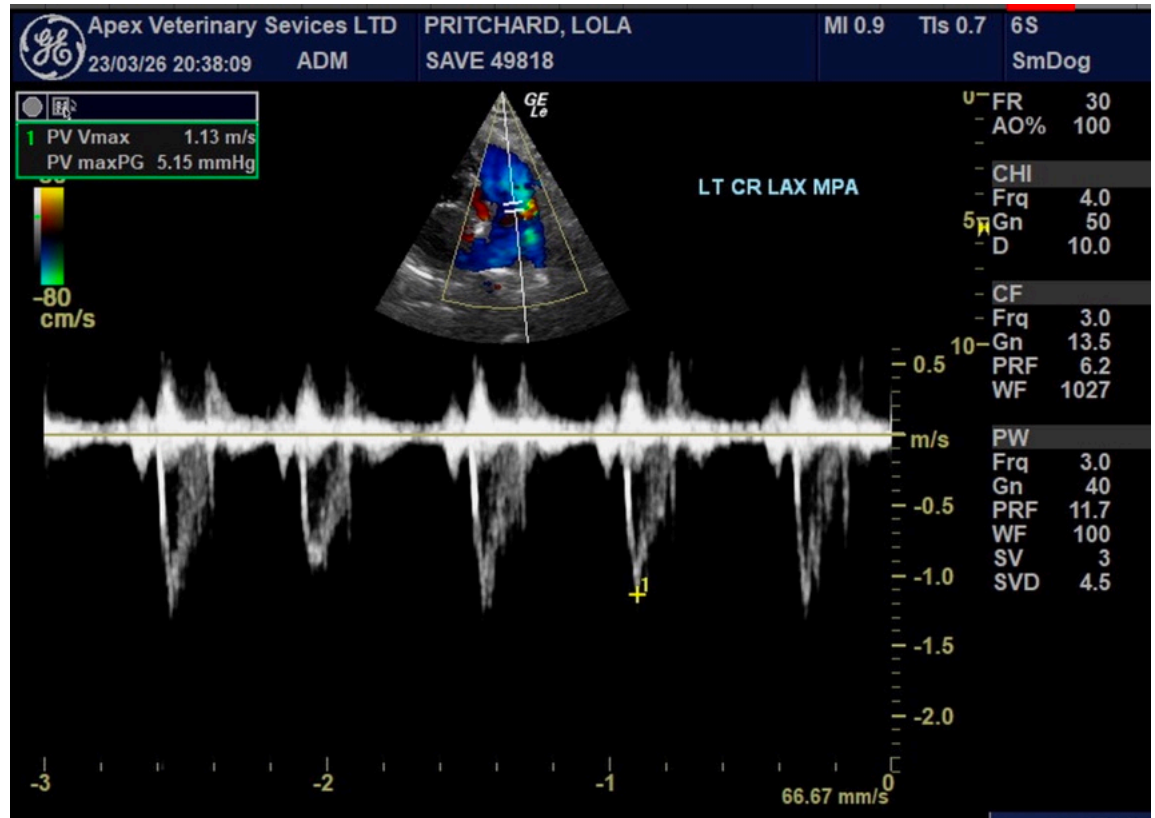
Save Emergency/ER  
Doctor

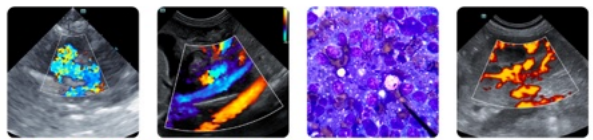
**INVOICE**

73725

**DATE**

3/24/26





**PATIENT**

Lola Prichard

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

Spayed female

**AGE**

13 years

**WEIGHT**

14.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Mariusz  
Chmielinski, DVM

**HOSPITAL NAME**

Apex VS

**REFERRING VET**

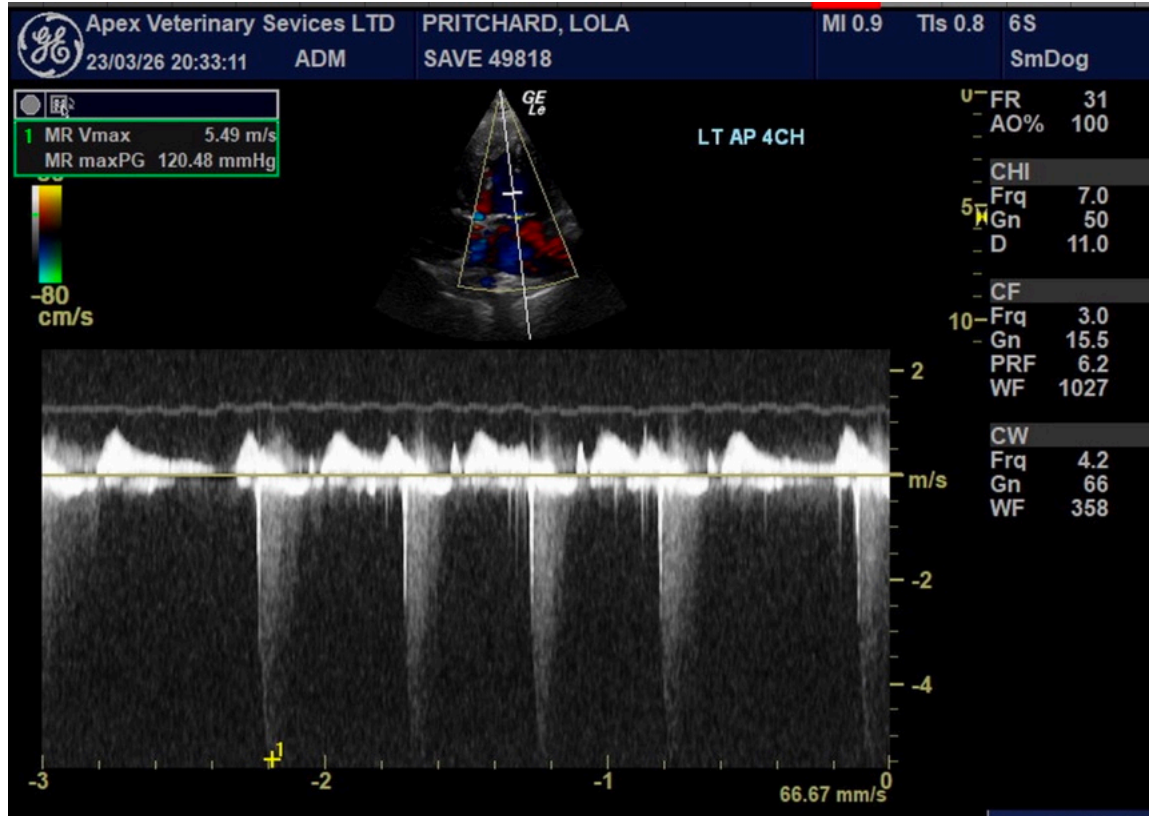
Save Emergency/ER  
Doctor

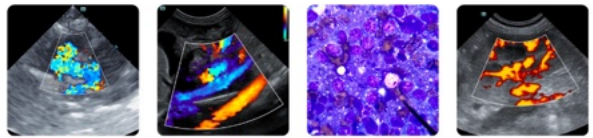
**INVOICE**

73725

**DATE**

3/24/26





**PATIENT**

Lola Prichard

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

Spayed female

**AGE**

13 years

**WEIGHT**

14.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Mariusz  
Chmielinski, DVM

**HOSPITAL NAME**

Apex VS

**REFERRING VET**

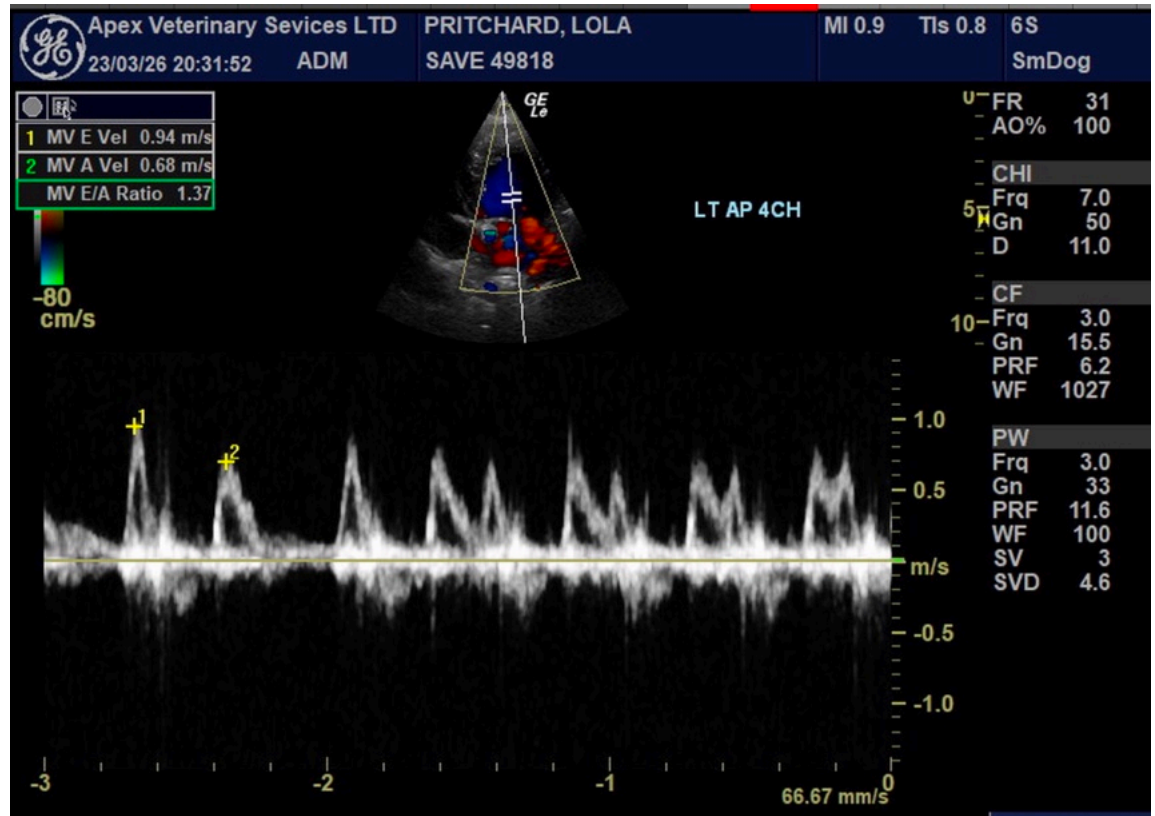
Save Emergency/ER  
Doctor

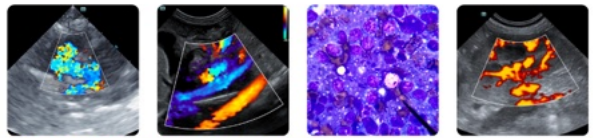
**INVOICE**

73725

**DATE**

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

Save Emergency/ER  
Doctor

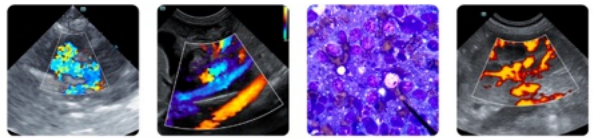
## INVOICE

73725

## DATE

3/24/26





**PATIENT**

Lola Prichard

**SPECIES**

Canine

**BREED**

Cockapoo

**SEX**

Spayed female

**AGE**

13 years

**WEIGHT**

14.4 kg

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Mariusz  
Chmielinski, DVM

**HOSPITAL NAME**

Apex VS

**REFERRING VET**

Save Emergency/ER  
Doctor

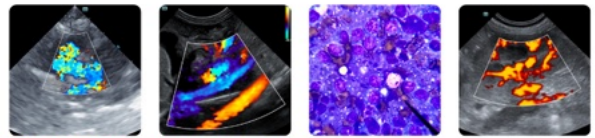
**INVOICE**

73725

**DATE**

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

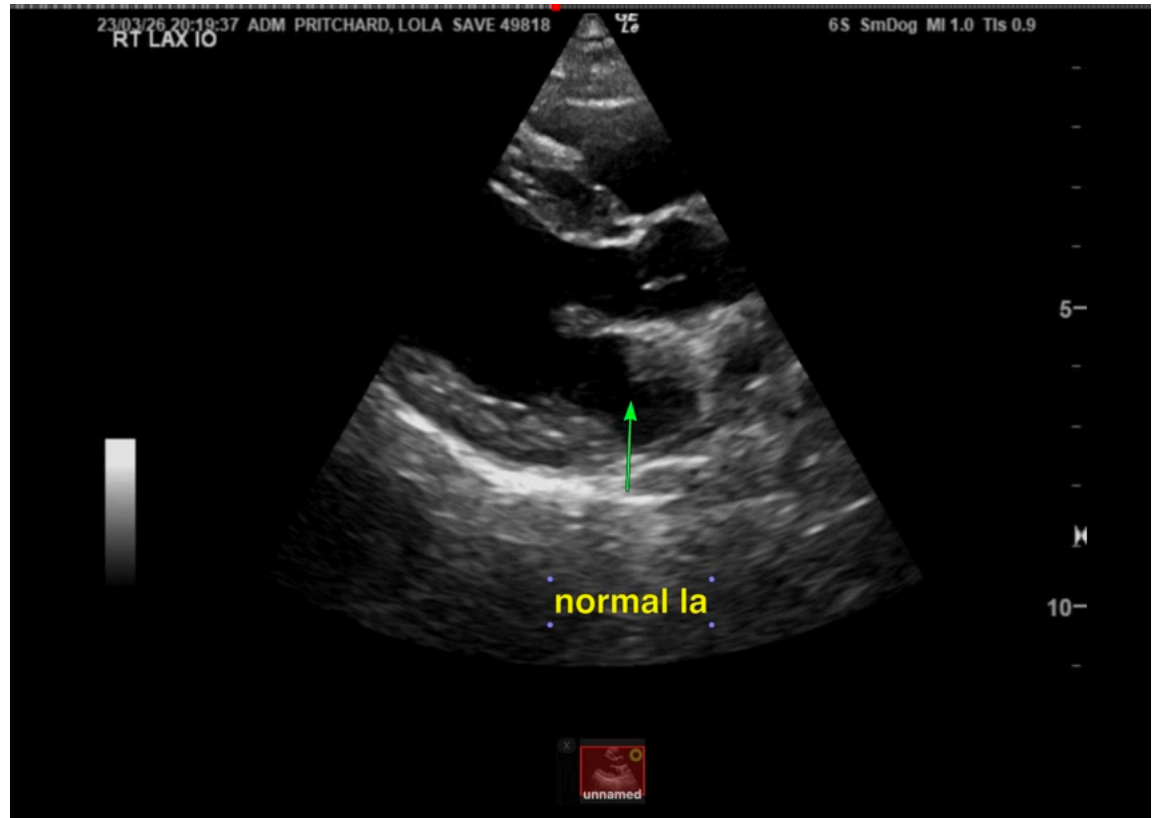
13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS



## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

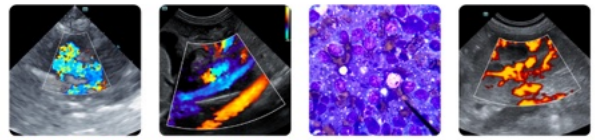
Save Emergency/ER  
Doctor

## INVOICE

73725

## DATE

3/24/26



## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

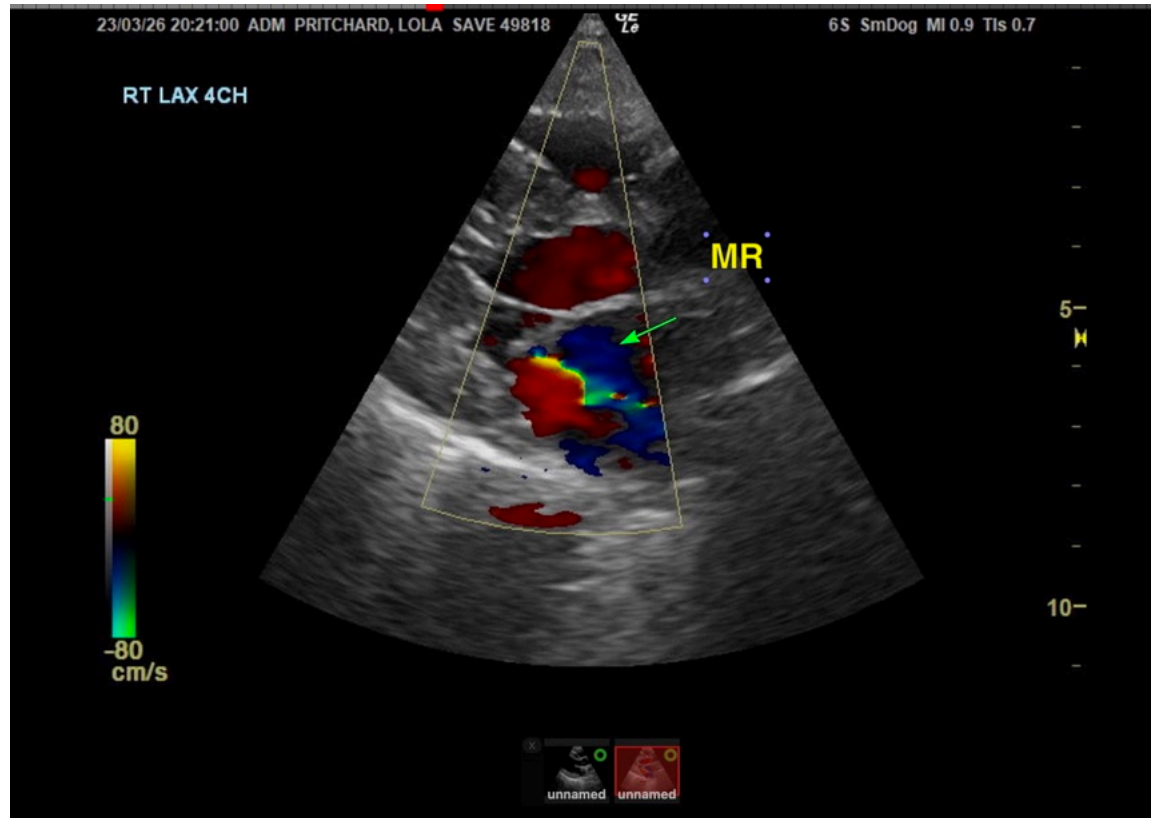
Save Emergency/ER  
Doctor

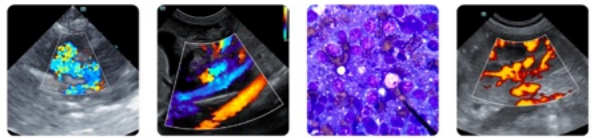
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

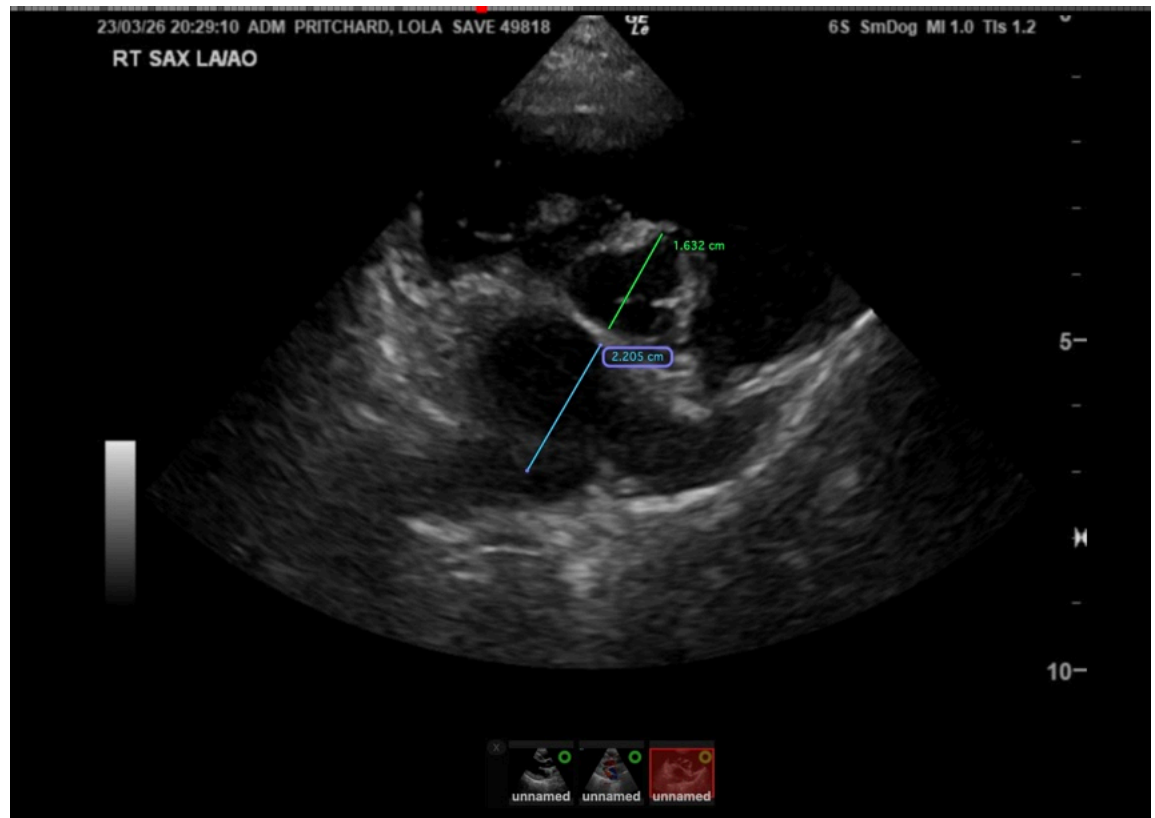
Save Emergency/ER  
Doctor

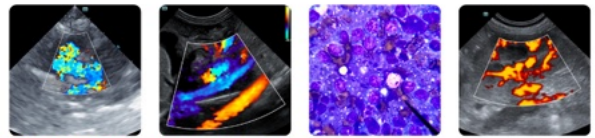
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

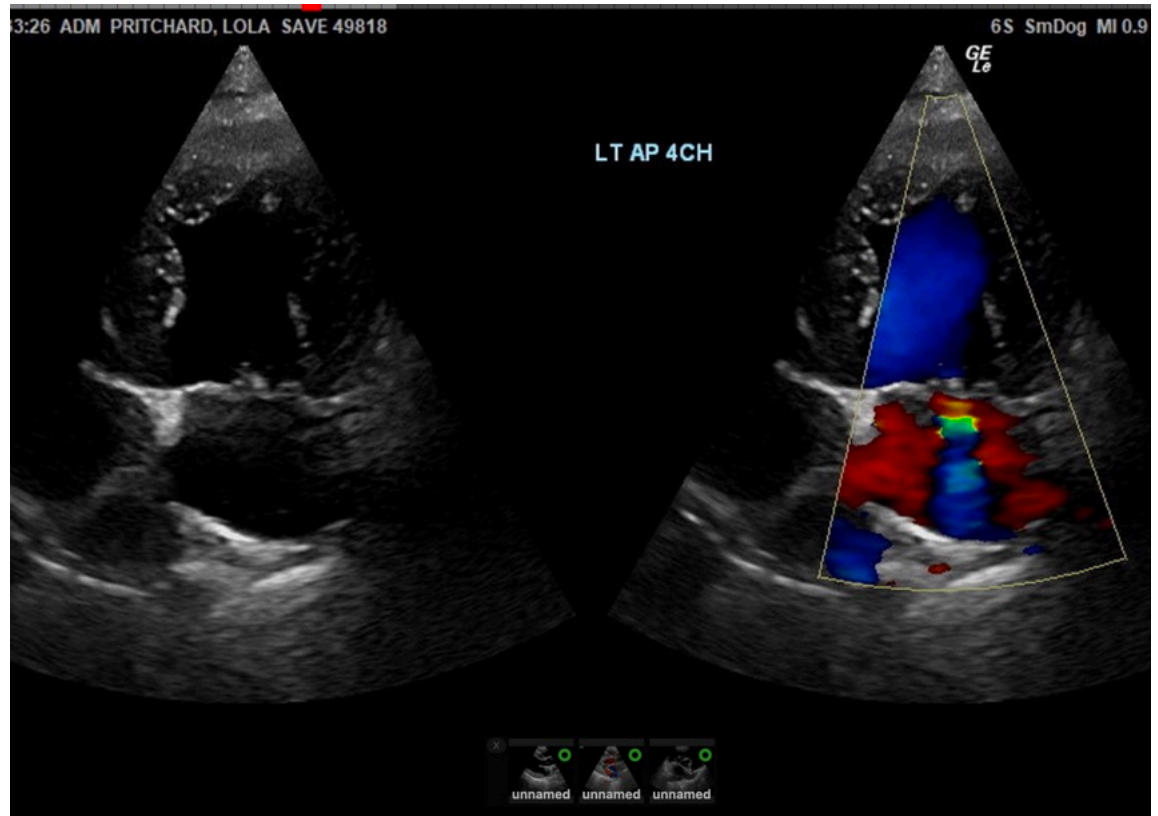
Save Emergency/ER  
Doctor

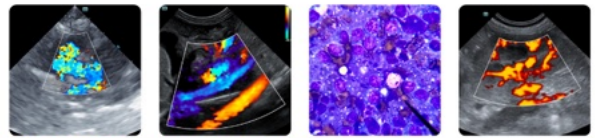
## INVOICE

73725

## DATE

3/24/26





### PATIENT

Lola Pritchard

### SPECIES

Canine

### BREED

Cockapoo

### SEX

Spayed female

### AGE

13 years

### WEIGHT

14.4 kg

### INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

### IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

### HOSPITAL NAME

Apex VS

### REFERRING VET

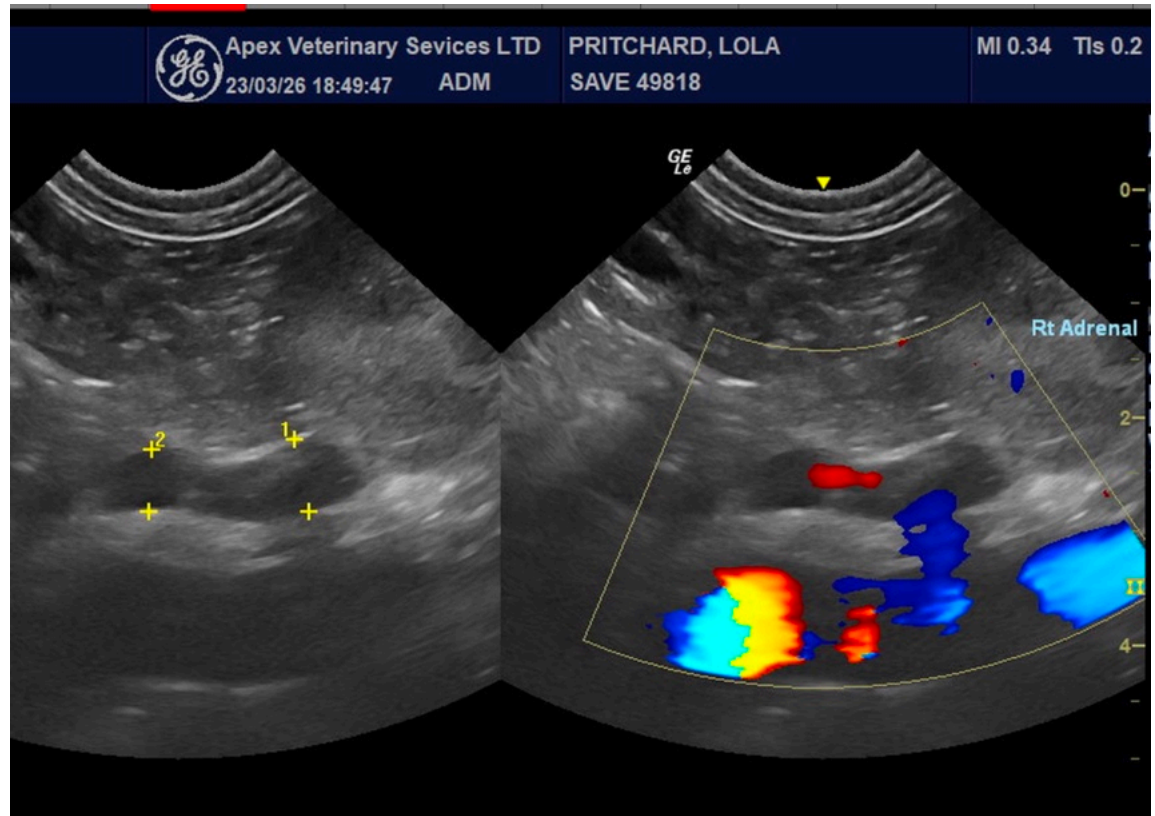
Save Emergency/ER  
Doctor

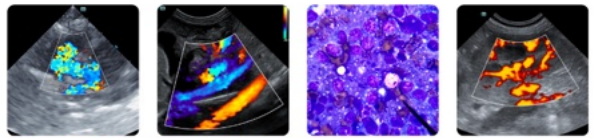
### INVOICE

73725

### DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

Save Emergency/ER  
Doctor

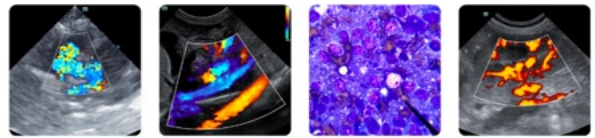
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Pritchard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

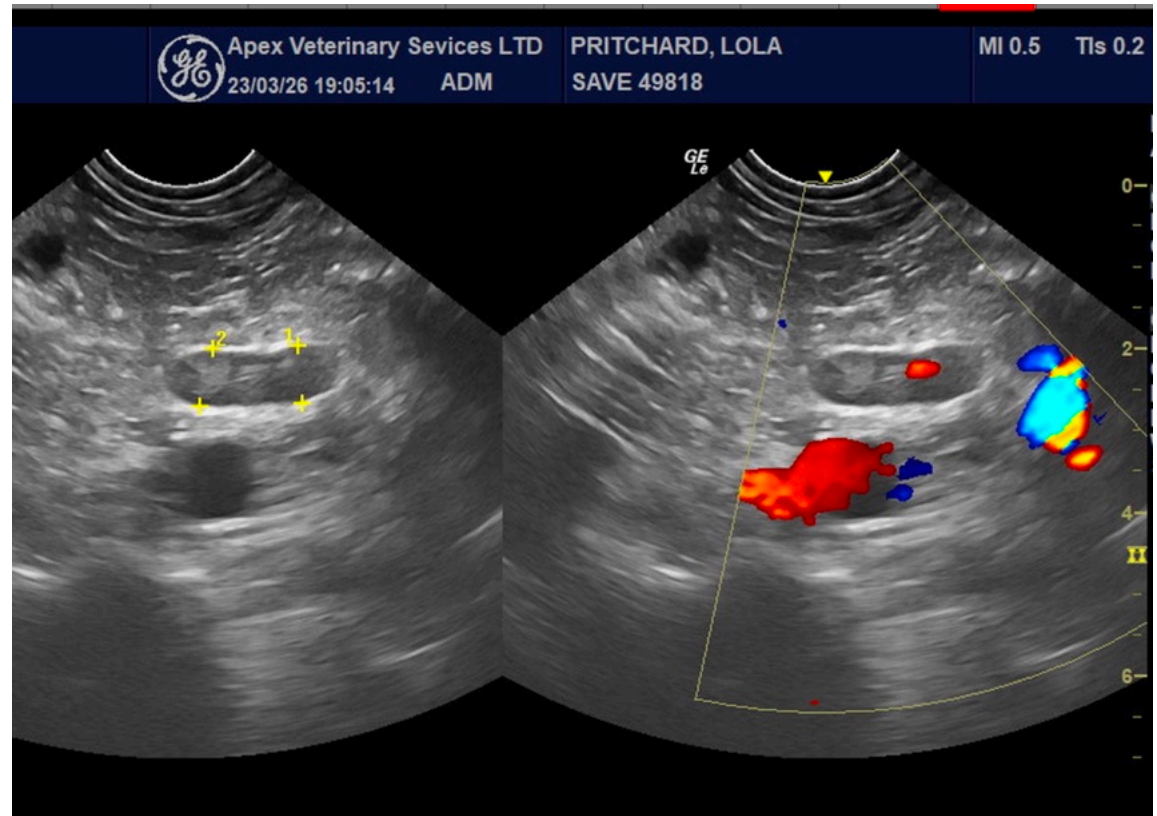
Save Emergency/ER  
Doctor

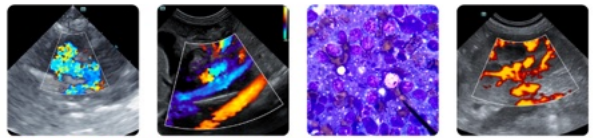
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

Save Emergency/ER  
Doctor

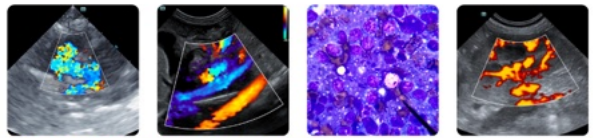
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Pritchard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

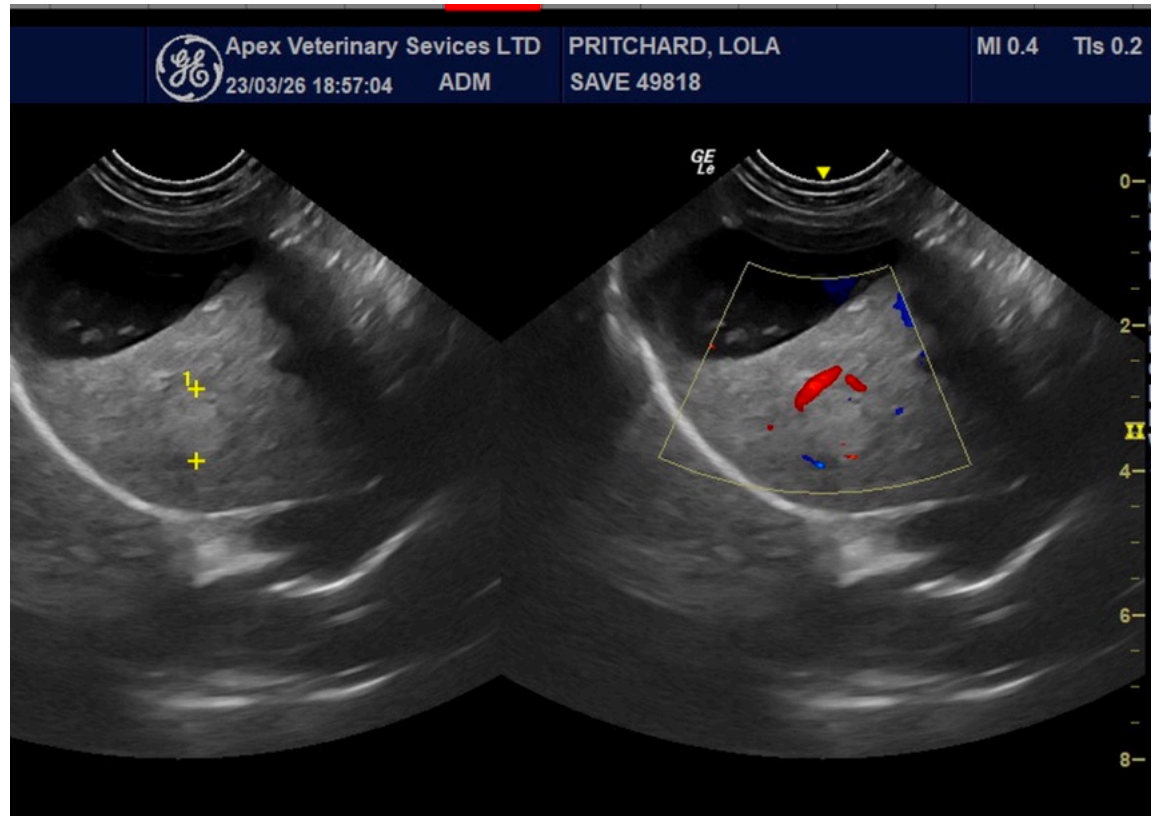
Save Emergency/ER  
Doctor

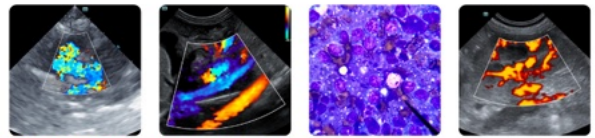
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

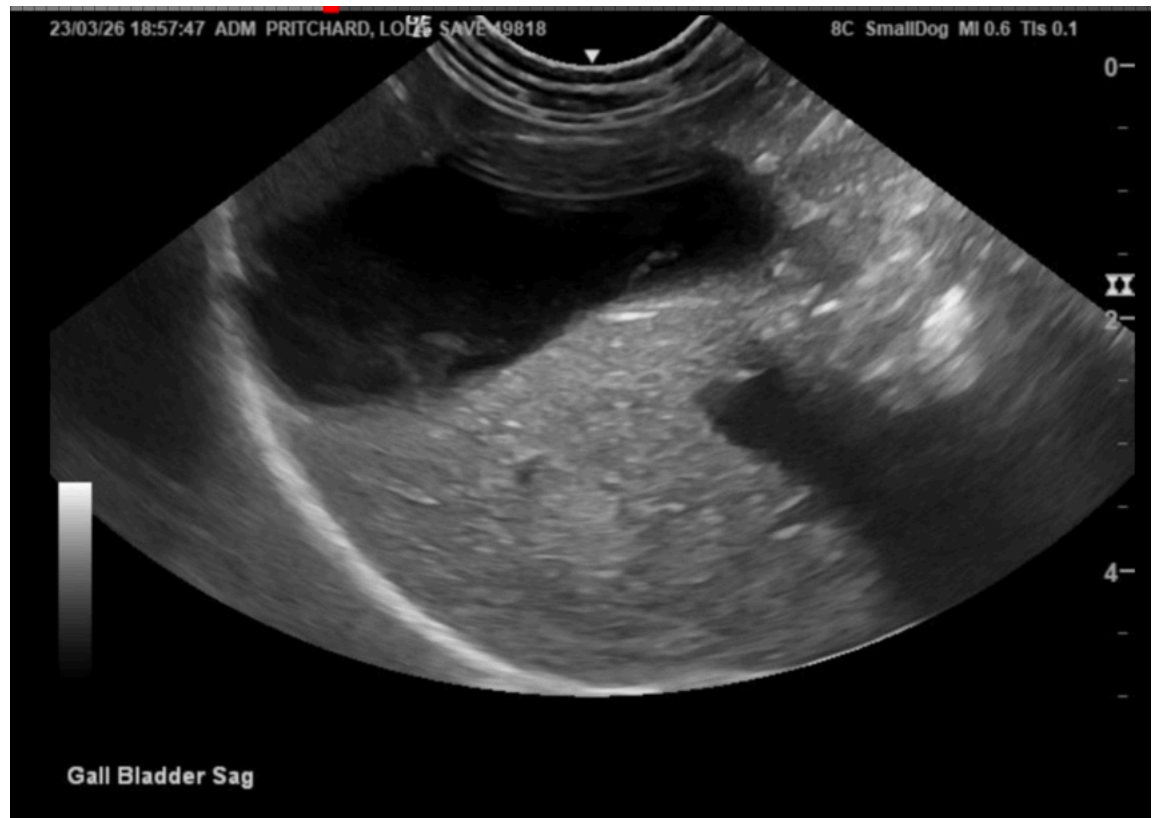
Save Emergency/ER  
Doctor

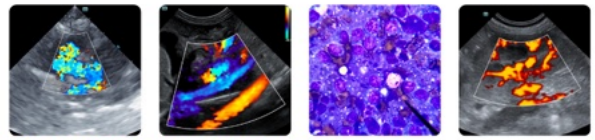
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

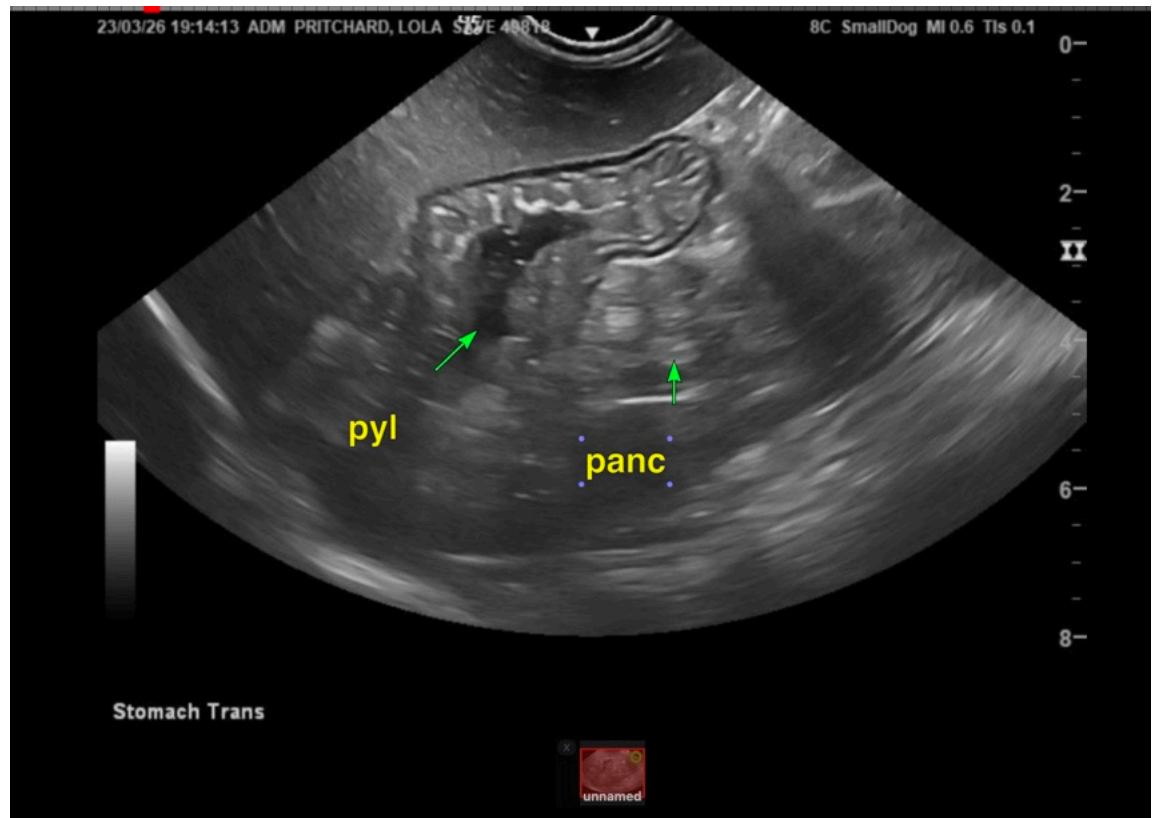
Save Emergency/ER  
Doctor

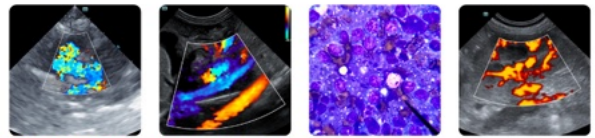
## INVOICE

73725

## DATE

3/24/26





## PATIENT

Lola Prichard

## SPECIES

Canine

## BREED

Cockapoo

## SEX

Spayed female

## AGE

13 years

## WEIGHT

14.4 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Mariusz  
Chmielinski, DVM

## HOSPITAL NAME

Apex VS

## REFERRING VET

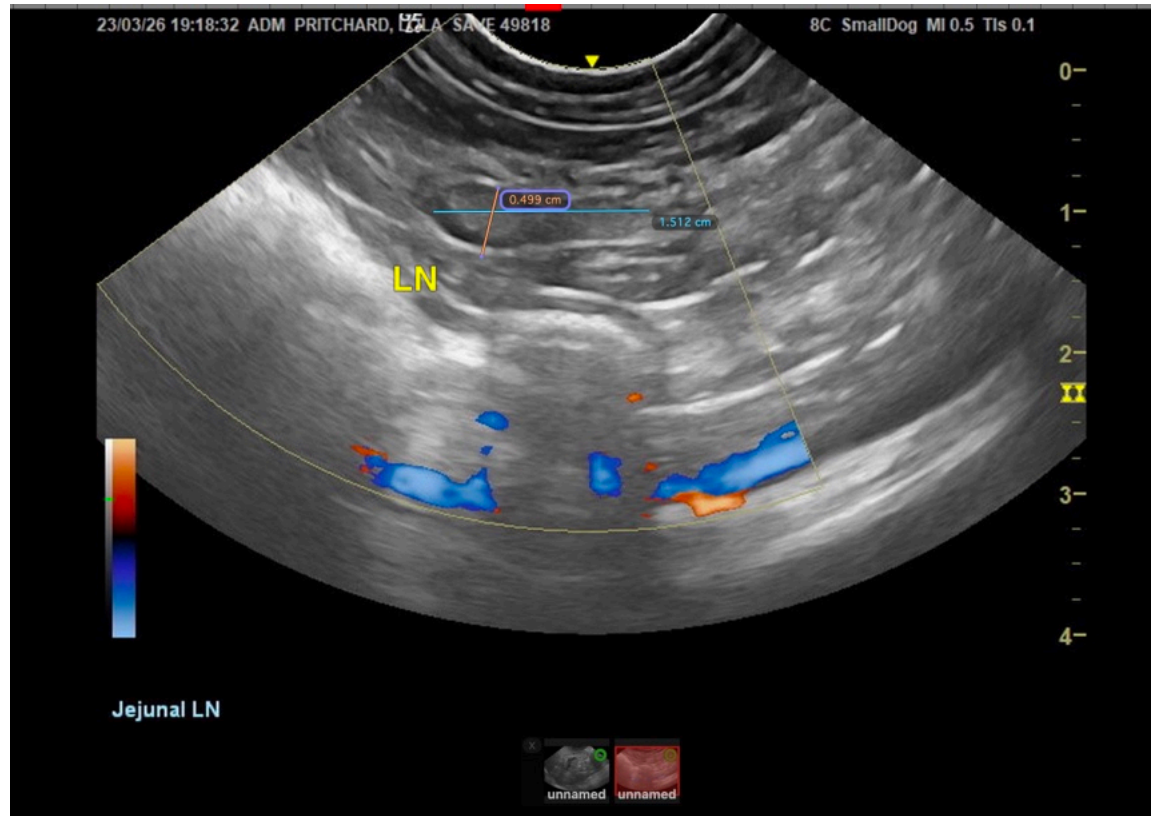
Save Emergency/ER  
Doctor

## INVOICE

73725

## 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)