



**PATIENT**

Charlie Labelle

**SPECIES**

Feline

**BREED**

DSH

**SEX**

FS

**AGE**

4 years 6 months

**WEIGHT**

11.8 lbs

**INTERPRETED BY**

Bradley Harris, DVM,  
DACVECC, DACVIM  
(cardiology)

**IMAGING PERFORMED BY**

Shari Reffi, CVT

**HOSPITAL NAME**

Cummings Veterinary  
Hospital

**REFERRING VET**

Dr. Cummings

**INVOICE**

11547

**DATE**

3/24/2026

**PRESENTING CLINICAL SIGNS**

- BCS 3/9.
- Pleural effusion, opacification of right middle and left cranial lung lobes. (rad report attached).
- Was scheduled for Cystotomy.
- Current Meds: Gabapentin (Torb).

Abnormal PE/Chem/CBC/UA Results: WNL.

**ULTRASONOGRAPHIC EXAMINATION OF THE HEART**

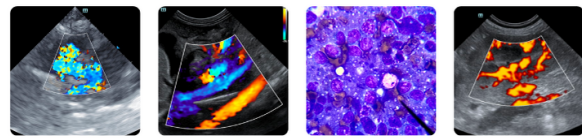
FELINE CARDIAC PARAMETERS	BODY WEIGHT (kg)	HR (BPM)	IVSd (cm)	LVIDd (cm)	LVWd (cm)	FS (%)	EF (%)
NORMAL PARAMETER	-----	150-240	0.3-0.6	1.0-2.1	0.25-0.6	35-67	80-100
PATIENT	5.36 kg	170	0.42	1.62	0.42	35	68
FELINE CARDIAC PARAMETERS	LA/AO (M-mode)	LA/AO HEART BASE (Sisson)	LAD LA MAX 4 Chamber	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	1.6	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	1.45	1.33	1.36	1.0	0.8	NM	
Adapted from June Boon, Veterinary Echocardiography, 1998 Sisson D et al. JVIM 1991; 5: 232, Jacobs et al. Am J Vet Res 1985; 46:1705							

**Cardiac Presentation**

The left atrium is normal in dimension. There are no distinct left atrial thrombi/clots or spontaneous echo contrast appreciated. The left ventricle is normal in dimension as well as wall thickness, and no evidence of restriction. Left ventricular systolic function is normal, with adequate contractility. The right atrium and ventricle are subjectively normal in dimension and systolic function. The anterior and posterior mitral and tricuspid valve leaflets presented normal linear structure, extension in systole, and union in diastole without regurgitation. There is no evidence of systolic anterior mitral valve motion documented. The left ventricular outflow tract demonstrated normal laminar flow and subjective structural valvular integrity. The visible aorta is unremarkable. Pulmonary outflow tract assessment revealed normal valve structure, laminar flow, and appropriate diameter and distensibility. There is no evidence of pulmonary hypertension documented. There is no visible pericardial, but mild to moderate pleural effusion is noted. Additionally, there are several mass effects noted in the right hemithorax that most closely resemble hepatized lung. There is mild fibrin accumulation as well.

**ULTRASONOGRAPHIC FINDINGS**

- These findings are consistent with an essentially normal echocardiogram. Any murmur auscultated will be considered functional in origin, and the underlying morbidity is unlikely to be cardiac in origin. The tissue sign noted in the right hemithorax is likely hepatized or atelectic lung, but infiltrative neoplastic disease cannot be definitively excluded.



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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Given these findings, no cardiac therapy is recommended. There are no cardiac contraindications to corticosteroids or fluid therapy as indicated for further treatment. No specific recheck echocardiogram is recommended. A fluid analysis and cytology of the pleural fluid, as well as abdominal ultrasound should be considered to excluded abdominal organ pathology, prior to a thoracic CT with contrast.

Anesthesia considerations:

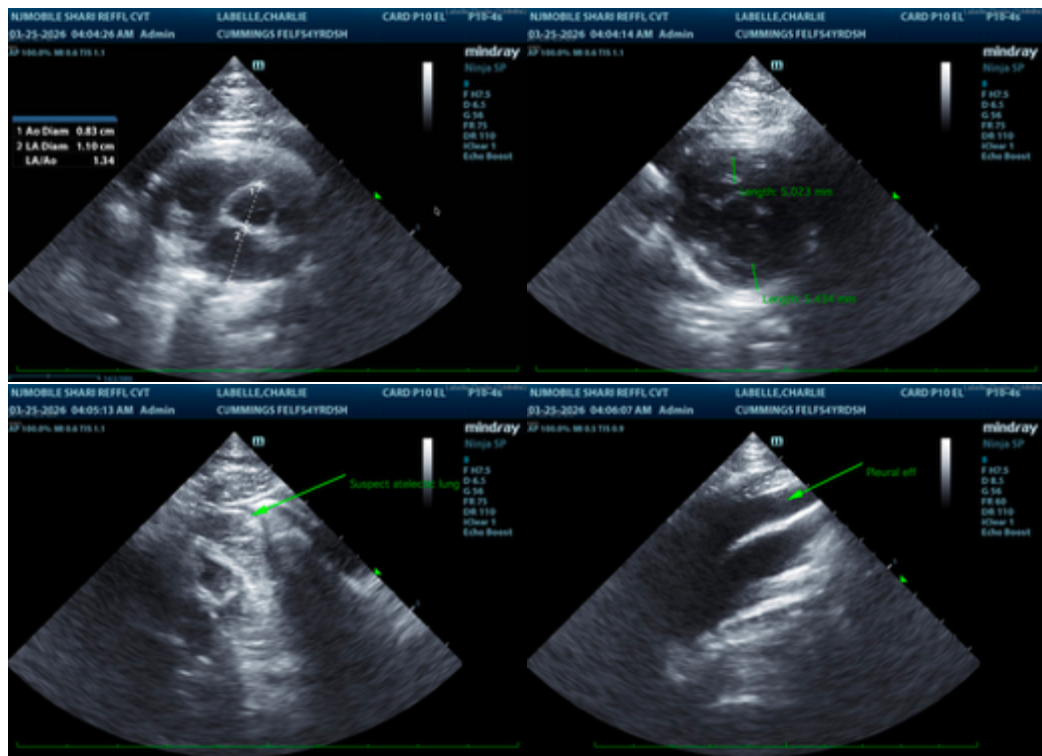
No special cardiac considerations are necessary

Diet:

No special considerations are necessary. Any high-quality food from Hills, Royal Canin, Science Diet, Eukanuba, Iams, or Purina is reasonable.

Activity:

No special considerations are necessary.



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.

**Bradley Harris, DVM, DACVECC, DACVIM (cardiology)**

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