

PATIENT

Harper Roberts

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

13 years

WEIGHT

5.45 kg

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Beattie PH Stoney
 Creek

REFERRING VET

Dr. Salib

INVOICE

10774

DATE

4/8/26

PRESENTING CLINICAL SIGNS

History: soft tissue opacity on v/d rad in R caudodorsal lung field

Abnormal PE/Chem/CBC/UA Results: low platelets (possibly artifact) Non regenerative anemia

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	5.45 kg	150	0.47	1.55	0.46	50	85
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	-	1.3	1.3		1.0	1.0	-

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 echocardiogram in this patient demonstrated normal **left atrial** size based on 2 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics. No evidence of MR on Doppler. The **left ventricle** presented normal 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 and angles of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. Normal measured LVOT velocity was noted. 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 and kinetics. 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). Normal measured RVOT velocity was noted. No visible **pericardial** fluid was noted with indistinctly visualized yet subjective scant pericardial pleural effusion. No evidence of cardiac tumors. No pericardial, pulmonary, or mediastinal masses were noted in the visible window. The visualized liver appeared to be complete within the abdominal cavity, with subjective intact diaphragm.



PATIENT

Harper Roberts

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

13 years

WEIGHT

5.45 kg

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Beattie PH Stoney
 Creek

REFERRING VET

Dr. Salib

INVOICE

10774

DATE

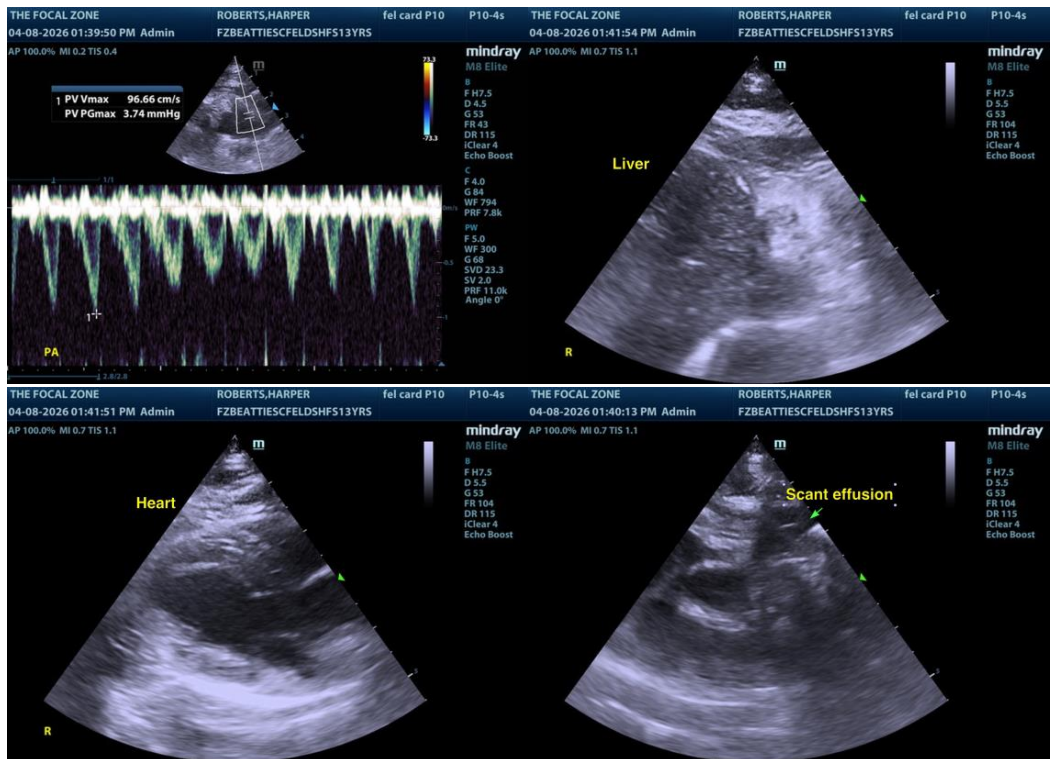
4/8/26

ULTRASONOGRAPHIC FINDINGS

- Normal cardiac structure / function
- Indistinct yet subjective scant pericardial pleural effusion

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of cardiac clinical issues such as left or right heart chamber enlargement, LV systolic dysfunction, HCM criteria, or other structural cardiomyopathy. A definitive area of pulmonary pathology, i.e., mass, consolidation, etc., was not overtly visualized. The indistinct yet subjective scant pleural effusion appears noncardiogenic. There is no indication for cardiac medications. Respiratory support, which may include empirical antibiotic protocol, if concern for underlying infectious disease, with clinical and radiographic monitoring would be reasonable. No overt evidence of hernia. Thoracic CT may be required for further clarification.





PATIENT

Harper Roberts

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

13 years

WEIGHT

5.45 kg

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Kelly Reschny

HOSPITAL NAME

Beattie PH Stoney
Creek

REFERRING VET

Dr. Salib

INVOICE

10774

DATE

4/8/26



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.

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com