



PATIENT

Ellis Asmundsen

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

7 Years

WEIGHT

9.7 Pounds

INTERPRETED BY

Sara Brethel DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

Dr. Eldred

INVOICE

35704

DATE

2/5/26

PRESENTING CLINICAL SIGNS

History: P presented for echo due to 1-2/6 murmur heard on both sides.

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	4.4	126	0.56	1.45	0.45	39.31	--
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	1.49	1.12	1.2		0.74	1.09	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

LVIDs: 0.88

Cardiac Presentation

The patient is bradycardic. The mitral valve leaflets are normal and there is no mitral regurgitation. The left atrial size is normal. There is no evidence of systolic anterior motion of the mitral valve and no evidence of a left ventricular outflow tract obstruction. Left ventricular systolic and diastolic function is within normal limits. There is no evidence of left ventricular concentric hypertrophy, however, the interventricular septum measures at the upper limits of normal. There is normal right atrial size without evidence of tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets and no evidence of pulmonary hypertension on the images provided. The right ventricle appears normal in structure and function subjectively. The aortic and pulmonic valves have normal morphology and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Bradycardia
- Interventricular septum measuring the upper limits of normal

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patients heart murmur is likely innocent versus physiologic. The heart is structurally normal, but



PATIENT

Ellis Asmundsen

SPECIES

Feline

BREED

DLH

SEX

Neutered Male

AGE

7 Years

WEIGHT

9.7 Pounds

INTERPRETED BY

Sara Brethel DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Stoney Creek VH

REFERRING VET

Dr. Eldred

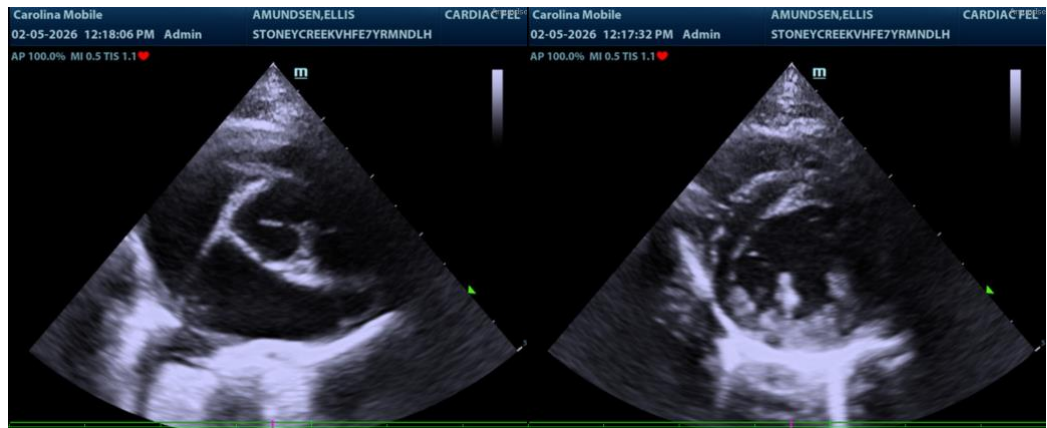
INVOICE

35704

DATE

2/5/26

the interventricular septal wall measures at the upper limits of normal. Serial monitoring is recommended. There is also the patient being bradycardic. Recommend obtaining an ECG to further evaluate the bradycardia, and a recheck echo, pending that ECG, is recommended in 10-12 months, just to monitor for additional changes.



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.

Sara Brethel DVM, DACVIM (Cardiology)

info@SonoPath.com