



PATIENT

Duchamp Hudgins

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

6.18 kg

INTERPRETED BY

James Wood, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Ethan Bloomer

HOSPITAL NAME

Echosound VMIS

REFERRING VET

Dr. Sarah Miller

INVOICE

37092

DATE

5/12/26

PRESENTING CLINICAL SIGNS

History: Patient presented last week for an annual exam and a new Grade 2-3/6 systolic heart murmur was auscultated. The patient has no prior history of cardiac or respiratory disease and is doing clinically well at home outside of a history of inappropriate urination. Echocardiogram was recommended to search for the presence of any heart disease.

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	6.18	180	0.55	1.42	0.5	42.9	97
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	1.5	1.38	1.36		1.6	1.45	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 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 (however, the LVOT velocity is consistent with an audible murmur). Left ventricular systolic function is within normal limits. Diastolic function was not assessed. There is no evidence of left ventricular concentric hypertrophy. 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 pulmonary valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonary or aortic valve 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

- Normal echocardiogram
- Physiologic murmur

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Duchamp Hudgins

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10 Years

WEIGHT

6.18 kg

INTERPRETED BY

James Wood, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Ethan Bloomer

HOSPITAL NAME

Echosound VMIS

REFERRING VET

Dr. Sarah Miller

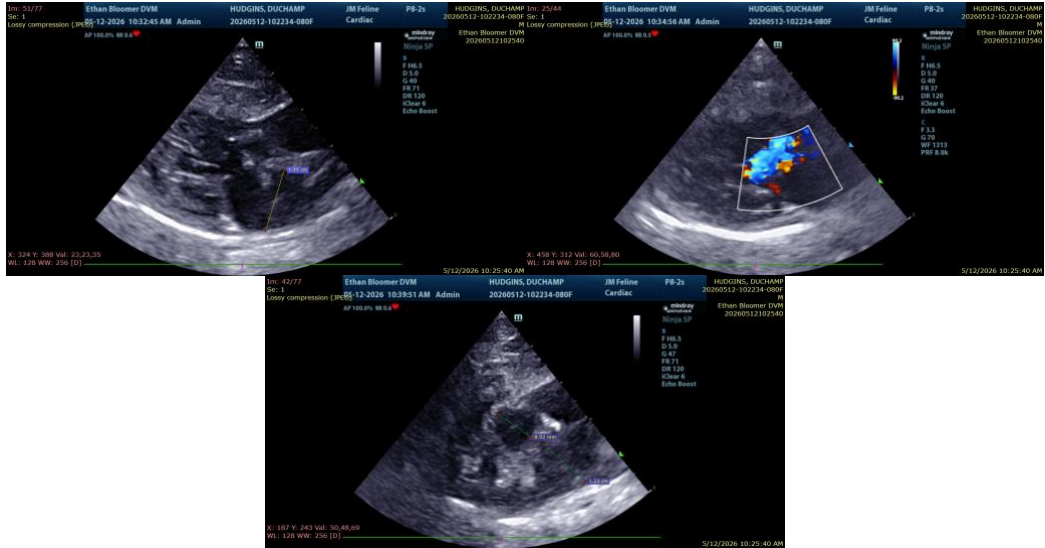
INVOICE

37092

DATE

5/12/26

The echocardiogram did not reveal any evidence of significant underlying structural cardiac disease. The murmur is suspected to be secondary to an elevated LVOT velocity (i.e., physiologic murmur). No cardiac medications are recommended at this time. There is a low risk of adverse cardiovascular outcomes in the near future. Recheck is only indicated if additional concerns for cardiac disease arise in the future.



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.

James Wood, DVM, DACVIM (Cardiology)

info@SonoPath.com