



PATIENT

Gus O'Connor

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

10.5 Months

WEIGHT

10.2 Pounds

INTERPRETED BY

James Wood, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Wasserman

HOSPITAL NAME

Midway VH

REFERRING VET

Dr. Mike Smith

INVOICE

37022

DATE

5/8/26

PRESENTING CLINICAL SIGNS

History: Sedated with 0.15ml butorphanol 10mg/ml IM. Adequate for echocardiogram. Purpose of echocardiogram. Rule out cardiac causes of cough/open mouth breathing. History of open mouth breathing worse after exercise at home. More frequently occurring since neuter. Neuter performed approximately 3 months ago. No murmur auscultated today and by referring veterinarian. Patient has access to porch/lanai.

Abnormal PE/Chem/CBC/UA Results: CBC and chemistry within normal limits. Fecal not yet performed. 3v thoracic radiographs attached for supplemental review.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

FELINE CARDIAC PARAMETERS	BODY WEIGHT (lbs)	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	10.2	170	0.4	1.55	0.4	41.2	84.5
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	1.36	--	1.48		NM	0.83	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							

LA short axis: 1.45, LVIDs: 0.91

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. Left ventricular systolic 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. No atrial or septal defects, PDA or other congenital defects were appreciated.

ULTRASONOGRAPHIC FINDINGS



PATIENT

- Normal echocardiogram

Gus O'Connor

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The echocardiogram does not reveal any evidence of significant underlying acquired or congenital heart disease. No cardiac medications are recommended at this time. The reported respiratory signs are unlikely to be related to underlying cardiac disease. Recheck is only indicated if additional concerns for cardiac disease arise in the future.

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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

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