

PATIENT PRESENTING CLINICAL SIGNS

Orion Geddes History: Grade II sx murmur/VI

SPECIES Current Medications: Prednisone 50mg 1/4 tab SID, Viaderm, Ventolin 125mcg 1-2 puffs, FLovent 250mcg 1 puff.

Canine

BREED Abnormal PE/Chem/CBC/UA Results: ABNORMAL Labwork Values PAP WNL Radiographic Findings The stable to mildly progressed generalized bronchointerstitial pattern is most consistent with lower airway inflammation, although breed variation may contribute to this appearance. Primary differentials to consider include allergic bronchitis, infectious bronchitis (viral, bacterial, fungal), heartworm or other parasitic disease, or eosinophilic bronchopneumopathy. An upper respiratory or laryngeal abnormality should also be considered as a cause of clinical signs. Increased opacity of the left lung on the ventrodorsal view is considered to represent incidental transient atelectasis.

American Bulldog

SEX

Neutered Male

AGE

4 Years

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

WEIGHT

44.9 kg

INTERPRETED BY

James Wood, DVM, DACVIM (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Beattie PH East Hamilton

REFERRING VET

Dr. Sofia

INVOICE

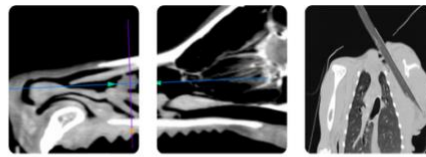
37265

DATE

6/1/26

CANINE CARDIAC PARAMETERS	LA long axis	LAmxN	Ao long axis	LA/AO (Heart Base; Swe, short axis)	LA/AO long axis	LVIDd	LVIDdN
NORMAL PARAMETER		<1.57		<1.6	<2.5		<1.7
PATIENT	3.9	1.21	1.9	1.5	2.05	4.56	1.37
CARDIAC PARAMETERS	Body Weight (kg)	AV VMAX (m/s)	PV MAX (m/s)	MR VMAX (m/s)	TR VMAX (m/s)	FS (%)	LVIDsN
NORMAL PARAMETER		0.7-1.7	0.7-1.6			22 - 49%	<0.9
PATIENT	44.9	1.8	1.95	--	--	42.5	0.59
CARDIAC PARAMETERS	HR (bpm)	MV E (m/s)	MV A (m/s)	MV E/A (m/s)	EF (%)	IVSdN	LVFWdN
NORMAL PARAMETER						<0.6	<0.6
PATIENT	190	--	--	--	74.3	0.51	0.37

Cardiac Presentation



PATIENT

Orion Geddes

SPECIES

Canine

BREED

American Bulldog

SEX

Neutered Male

AGE

4 Years

WEIGHT

44.9 kg

INTERPRETED BY

James Wood, DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny

HOSPITAL NAME

Beattie PH East
Hamilton

REFERRING VET

Dr. Sofia

INVOICE

37265

DATE

6/1/26

The mitral valve leaflets are normal and there is no mitral regurgitation. Leaflet prolapse is not identified. The left atrial size is normal. Left ventricular systolic and diastolic function is within normal limits. 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 today's evaluation. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonary valves have normal appearance and motion. The transaortic and transpulmonary flow velocities are mildly increased, both consistent with an audible (physiologic) murmur. 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

- Benign/physiologic murmur

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The echocardiogram revealed no evidence of significant underlying structural cardiac disease. The murmur is benign and due to increased trans-aortic and trans-pulmonary outflow tract velocity. No specific cardiac medications are recommended at this time. No follow-up is necessary unless 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