



PATIENT

Luna Gessman

PRESENTING CLINICAL SIGNS

History: VPCs seen on ECG prior to surgery. Received pre-med of hydro, ace, then midazolam followed by Propofol.

SPECIES

Canine

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. The mitral valve appears mildly thickened with trace MR. Normal left atrial dimension. Normal LV diameter with adequate myocardial function. Normal LV wall thickness. The tricuspid valve appears normal in form and function. No TR. No overt evidence of pulmonary arterial hypertension or right heart compensation. The aortic valve is normal in morphology and mobility. No subvalvular ridge present with normal velocity. No aortic insufficiency. Normal pulmonic valve with no pulmonic insufficiency seen. No pericardial or pleural effusion noted. No obvious cardiac tumors. No obvious congenital defects are observed.

BREED

Golden Retriever

SEX

Female Intact

CARDIAC CHART

AGE

1.5 years

WEIGHT

80lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(Cardiology)

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Ho Ho Kus Vet

REFERRING VET

Dr. Eisenberg

INVOICE

24268

DATE

5/18/22

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT	NA	NA	1.2	1.1	38	70	0.5
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	LA 2D short axis Base view (cm)	LVIDd Avg; 2D and m-mode short axis (cm)	LVIDs Avg; 2D and m-mode short axis (cm)
NORMAL PARAMETER	50-100	0.7-1.7	0.7-1.6	BELOW	BELOW	BELOW	BELOW
PATIENT	113	1.6	1.2	36.3	2.1	4.2	2.6
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
BODY WEIGHT DEPENDENT PARAMETERS				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
<i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i>				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cardiac structure and function are essentially normal in this patient. The left heart dimensions are normal, and the systolic function considered adequate for a large breed dog. No significant valvular insufficiencies are noted, and no structural issues identified.

VPCs while sedated may simply reflect a drug reaction, as no structural cause is identified. Consider an alternative protocol if the abnormal beats are noted independent of sedation, further evaluation such as a holter monitor or extended ECG is recommended.



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No structural contraindication for general anesthesia; however, follow up for the arrhythmia may be necessary depending on further evaluation.

SPECIES

Canine

Monitor at home for collapse, exercise intolerance, and/or lethargy.

BREED

Golden Retriever

PLAN

Address ECG findings as dictated by the ECG report. Consider reassess ECG, systemic evaluation, holter, etc as dictated by the clinical picture.

SEX

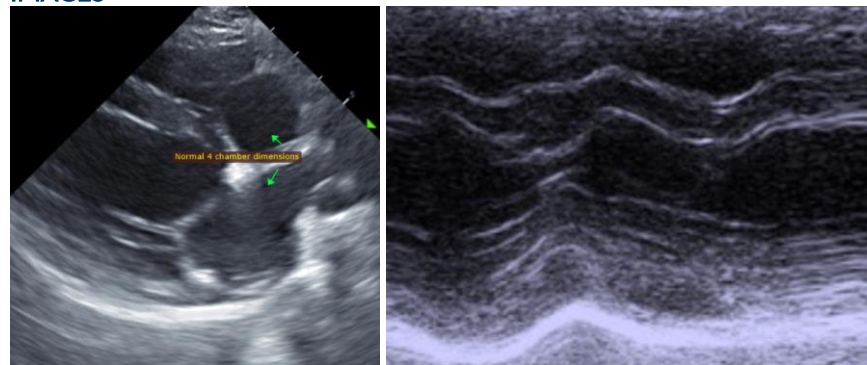
Female Intact

Recheck echocardiogram is recommended annually to assess for progression, sooner if any development of associated clinical signs.

AGE

1.5 years

IMAGES



WEIGHT

80lbs

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(Cardiology)

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

IMAGING PERFORMED BY

Kelly Vazquez, CVT

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

HOSPITAL NAME

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