



PATIENT

Nala Arndt

PRESENTING CLINICAL SIGNS

History: Arrhythmias noted pre spay. Rule out congenital heart disease.
-ECG report (Idexx): Sinus arrhythmia with single APCs.

SPECIES

Canine

RADIOGRAPHIC FINDINGS *NOTE: Images submitted for supplemental cardiac information only.

Normal cardiac silhouette. No obvious evidence of CHF.

BREED

Dachshund

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. Normal mitral valve leaflets with no prolapse into the left atrial lumen. No obvious mitral regurgitation with normal left atrial dimension. Normal LV diameter with adequate myocardial function. The tricuspid valve appears normal with no tricuspid regurgitation. Normal right atrial and ventricular diameter and morphology indicating no overt evidence of pulmonary arterial hypertension. The pulmonic valve normal in morphology and mobility. The aortic valve is mild asymmetrical thickened. Normal pulmonic and elevated aortic outflow velocities with laminar flow. No obvious aortic and trace pulmonic insufficiency. No pericardial or pleural effusion noted. No obvious cardiac masses.

SEX

Female

AGE

6 months

CARDIAC CHART

WEIGHT

7.5lbs

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	1.1	1.0	45	83	NM
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	NM	1.1	1.1	3.4	1.2	2.1	1.2
*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)
*Note: All measurements based upon multi-modal images and methods. An average value is reported.				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)

INTERPRETED BY

Maggie Machen Lamy, DVM, DACVIM (Cardiology)

IMAGING PERFORMED BY

Dave Stasiuk, RDMS, RDCS

HOSPITAL NAME

Britannia-Kingsland Veterinary Services

REFERRING VET

Not provided

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

20829

Overtly normal cardiac structure and function. No obvious congenital defects are identified; however, the aortic valve is mildly thickened. This is likely clinically insignificant given lack of

DATE

8/31/21



PATIENT

Nala Arndt

stenosis or aortic insufficiency. No additional issues are identified, and the overall structure and function is normal.

SPECIES

Canine

APCs are a non-specific finding which may be secondary to cardiac disease (not present in this study), due to stress, primary arrhythmic disease, or be secondary to systemic issues. Further evaluation and/or treatment may be advised based upon ECG report.

BREED

Dachshund

Monitor at home for collapse, exercise intolerance, and/or lethargy. No structural cardiac contraindication for general anesthesia. This does not address arrhythmias, which should be dictated by the ECG report.

SEX

Female

Recommend recheck echocardiogram should a murmur or signs of cardiac compromise develop in the future.

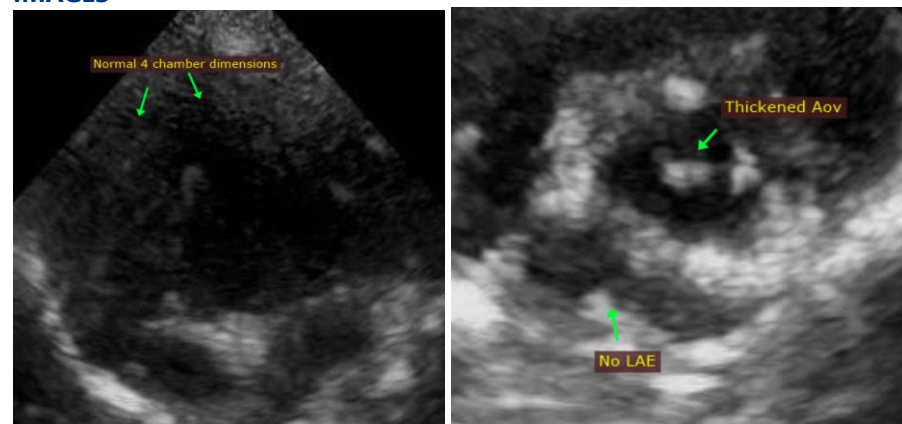
AGE

6 months

IMAGES

WEIGHT

7.5lbs



INTERPRETED BY

Maggie Machen Lamy,
DVM, DACVIM
(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

Dave Stasiuk,
RDMS, RDMS

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

Britannia-Kingsland
Veterinary Services

Maggie Machen Lamy, DVM
Diplomate of the American College of Veterinary Internal Medicine (Cardiology)
info@sonopath.com

REFERRING VET

Not provided

INVOICE

20829

DATE

8/31/21