



PATIENT

Nala Avary

SPECIES

Canine

BREED

German Shepherd

SEX

Spayed Female

AGE

11 Years

WEIGHT

70 Pounds

INTERPRETED BY

Laurent Locquet, DVM,
 MRCVS, GPCert, (VC)
 Diplomate, ECVIM-CA

IMAGING PERFORMED BY

Kathleen Byrnes

HOSPITAL NAME

Shallowford AH

REFERRING VET

Dr. Eads

INVOICE

37299

DATE

6/2/26

PRESENTING CLINICAL SIGNS

History: P presented for US due to chronic perianal fistulas, was doing well with atopyca but now out of remission, rdvm restarted prednisone mass effect r side anus- unsure if assoc with anal gland. considering surgery for anl gland removal and perianal fistulas, Owner requested US of heart and abd before proceeding with surgery.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	--	--	NM	1.33	40	71	0.52
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	LAD LA MAX 4 Chamber	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				
PATIENT	--	1.31	1.08	70	4.07	3.60	2.17

Cardiac Presentation

The left atrial size expressed both in the LA/AO ratio and LA-MAX was normal. Chamber volumes and echogenicity were normal. The mitral valve leaflets presented no abnormalities, and doppler showed no signs of insufficiency. There was no evidence of chordae tendineae rupture or mitral valve prolapse. The left ventricle presented with normal wall thicknesses, a linear contour, and was neither dilated nor restricted. The myocardium showed normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. Contractility of the ventricular walls was adequate and within the normal range for this patient, supported by fractional shortening measurements and subjective evaluation of all myocardial regions. The LVOT demonstrated normal laminar flow and normal structural integrity. The right atrium and auricle revealed normal size, structure, and content. No masses or chamber overload were identified. Tricuspid valve assessment demonstrated a normal valvular structure with no signs of thickening or insufficiency on 2D or color Doppler. The right ventricle was normal in size (approximately one-third of LV diameter), with normal myocardial wall thickness and echogenicity. The pulmonary tract revealed normal valve structure, laminar flow, and a normal diameter. No pericardial or pleural effusion was noted. No echocardiographically detectable evidence of infiltrative disease was present. The cranial mediastinal and pericardial regions were free of visible masses.



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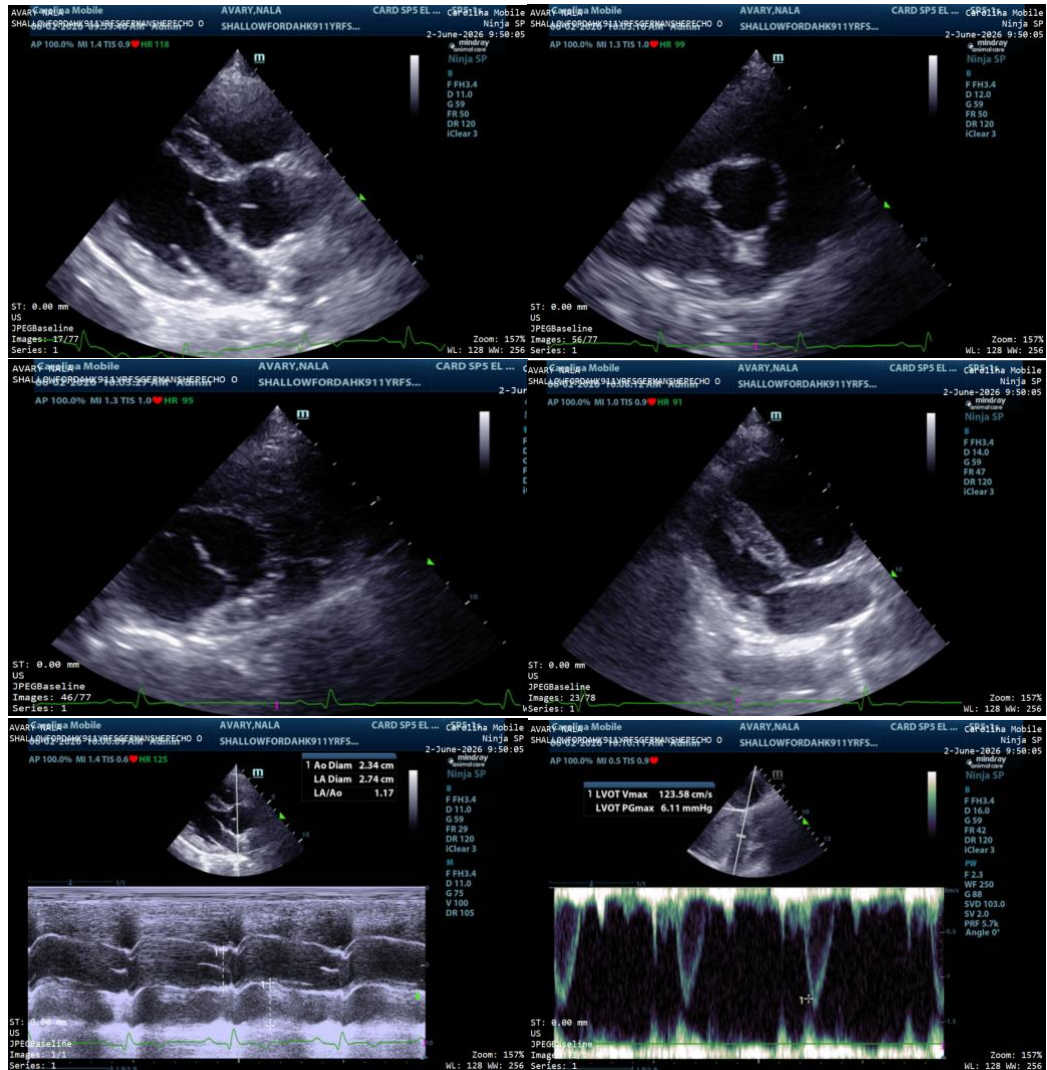
6/2/26

ULTRASONOGRAPHIC FINDINGS

- This echocardiographic examination showed no functional or structural abnormalities.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No rechecks are necessary unless there are any concerns.



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.



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