



PATIENT PRESENTING CLINICAL SIGNS

Paddington Davida History: Heart murmur, ok for anesthesia

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Feline

BREED

Russian Blue

SEX

Neutered male

AGE

6 years

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial turbulence was noted at the **mitral** valve. The **left ventricle** presented normal thicknesses with linear contour and was not dilated nor restricted. The **myocardium** presented normal echogenicity without subjective evidence of significant fibrotic or ischemic disease. **Contractility** of the ventricular walls was adequate and in normal range for this patient evidenced by the fractional shortening measurement and subjective evaluation of the different regions and angles of the myocardium. The **left ventricular outflow** tract demonstrated normal laminar flow and subjective structural integrity. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. **Tricuspid** valvular assessment demonstrated adequate linear morphology and kinetics. The **right ventricle** was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. **Pulmonic** tract assessment revealed normal valve structure, laminar flow, and diameter (approx. 1:1 pa/ao ratio). No visible **pericardial** or free pleura fluid was noted or extra cardiac pathology in the visible planes. The cranial **mediastinum and pericardial regions** were free of masses in the visible window.

WEIGHT

11.05 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal Paradise
Hospital

REFERRING VET

Dr. Elshafie

FELINE CARDIAC PARAMETERS	BODY WEIGHT	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	11.05 lbs	123	0.57	1.52	0.57	36	70
FELINE CARDIAC PARAMETERS	LA/AO (Boon)	LA/AO HEART BASE (Sisson)	LA 2D 4-chamber long axis AS to FW (Sisson) (cm)	LVOT VEL. (m/s)	RVOT VEL. (m/s)	IVRT (m/)	
NORMAL PARAMETER	<1.5	0.88-1.79	0.7-1.7	<1.6	<1.3	40-60	
PATIENT	1.1	1.1	1.2	1.0	0.95	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							

ULTRASONOGRAPHIC FINDINGS

INVOICE Essentially normal echocardiogram.

92016 Normal structure, volumes and contractility.

DATE

9/27/21



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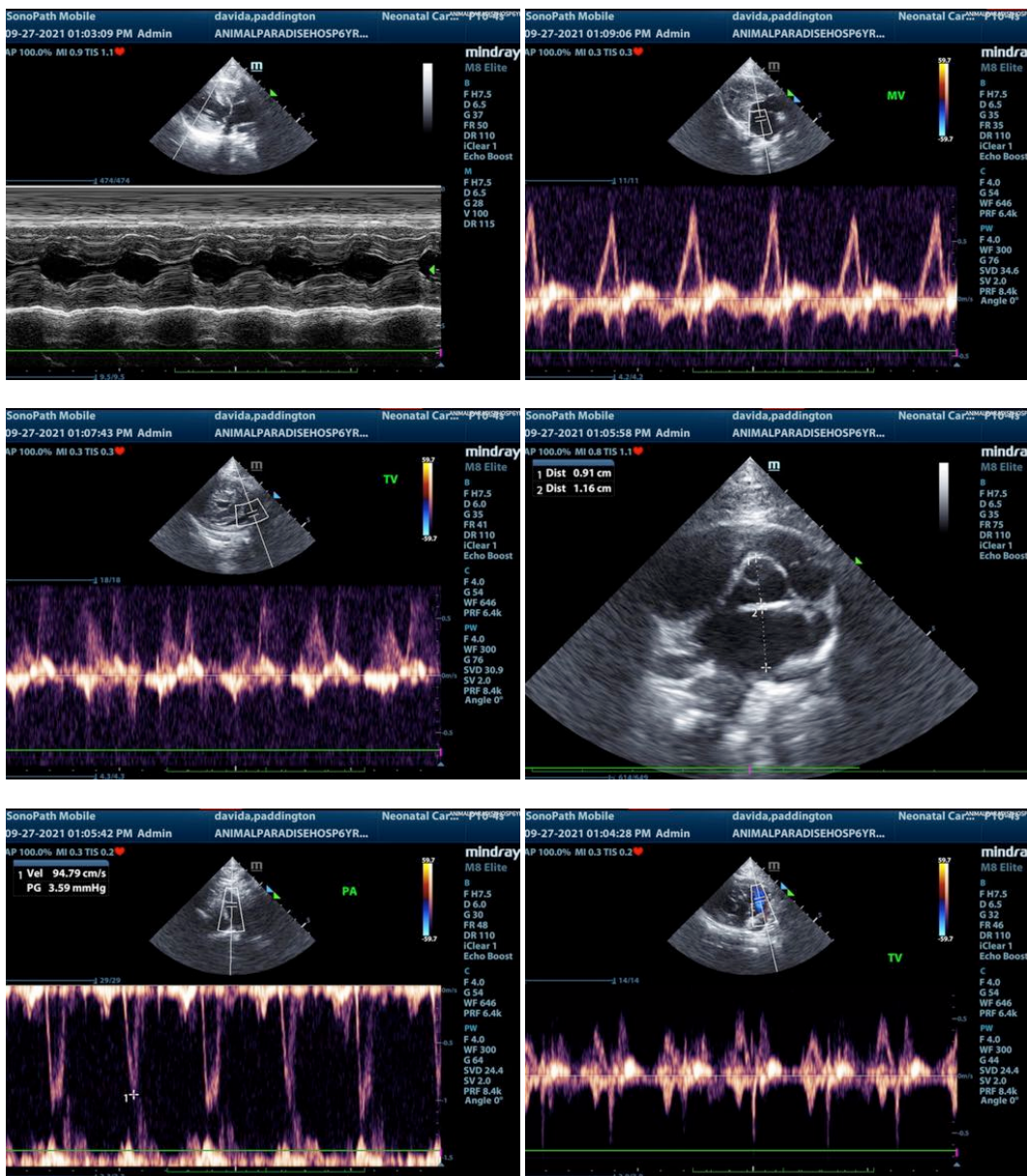
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient likely has a flow murmur. There is no contraindication to anesthetic procedure. A recheck echocardiogram is recommended in a year if the murmur is persistent or if any clinical signs initiate. However, there should be no clinical signs related to cardiac disease at this time.



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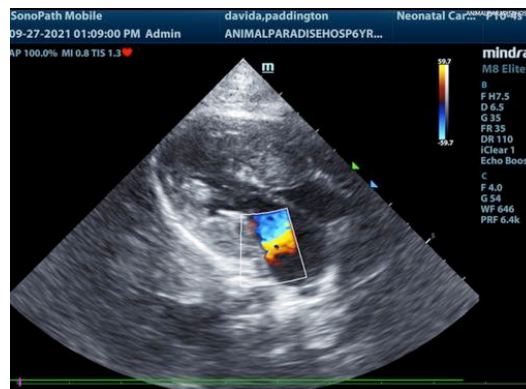
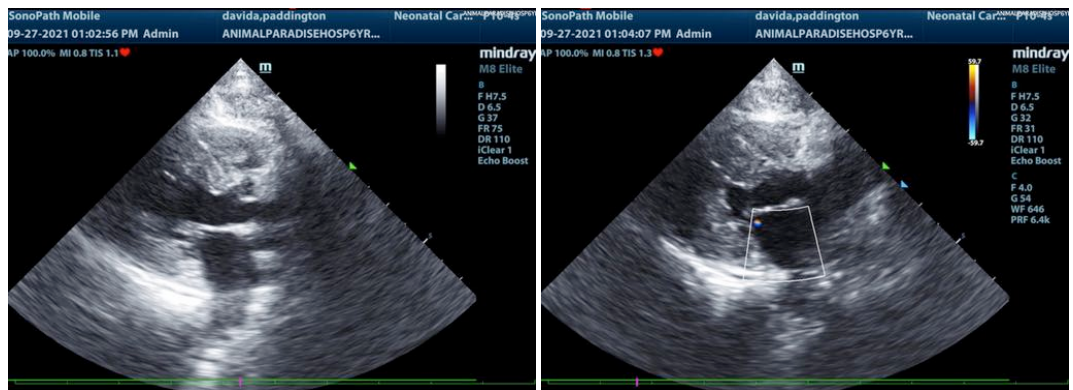
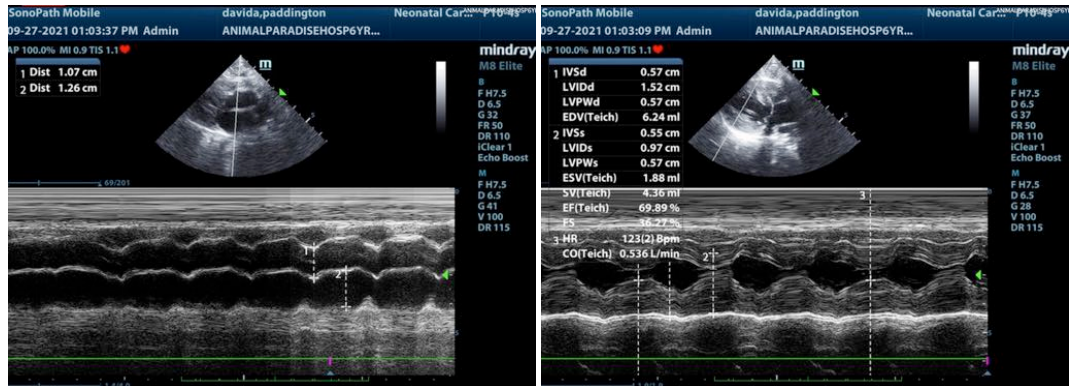
Dr. Elshafie

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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.

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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