

PATIENT

Stewie Robertson

PRESENTING CLINICAL SIGNS

History: Elevated BNP, controlled hyperthyroidism. Current meds: Tapazole 5mg BID
Abnormal PE/Chem/CBC/UA Results: UA: NSF SG: 1.025

SPECIES

Feline

BREED

Domestic Medium Hair

SEX

Neutered male

AGE

15 years

WEIGHT

10.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Wantage VH

REFERRING VET

Dr. Bullock

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. Trivial **mitral** valve insufficiency was noted. 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. Minor **tricuspid** insufficiency was noted at 2.0 m/sec. 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. The hepatic veins were not dilated and there was no evidence of pathology.

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	10.7 lbs	180	0.49	1.34	0.49	40	75
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	1.04	1.03	1.3	1.17	0.94	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							

INVOICE

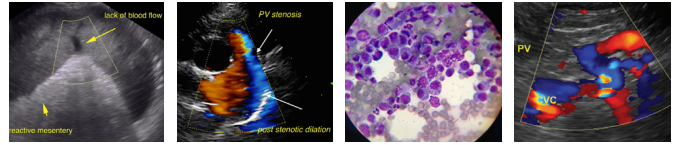
31807

DATE

7/19/22

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable heart. Normal contractility, structure and volume.
Minor mitral and tricuspid insufficiency, not clinically significant.



PATIENT

Stewie Robertson

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no contraindication to anesthetic procedure and no treatment is recommended at this time.

SPECIES

Feline

BREED

Domestic Medium Hair

SEX

Neutered male

AGE

15 years

WEIGHT

10.7 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Wantage VH

REFERRING VET

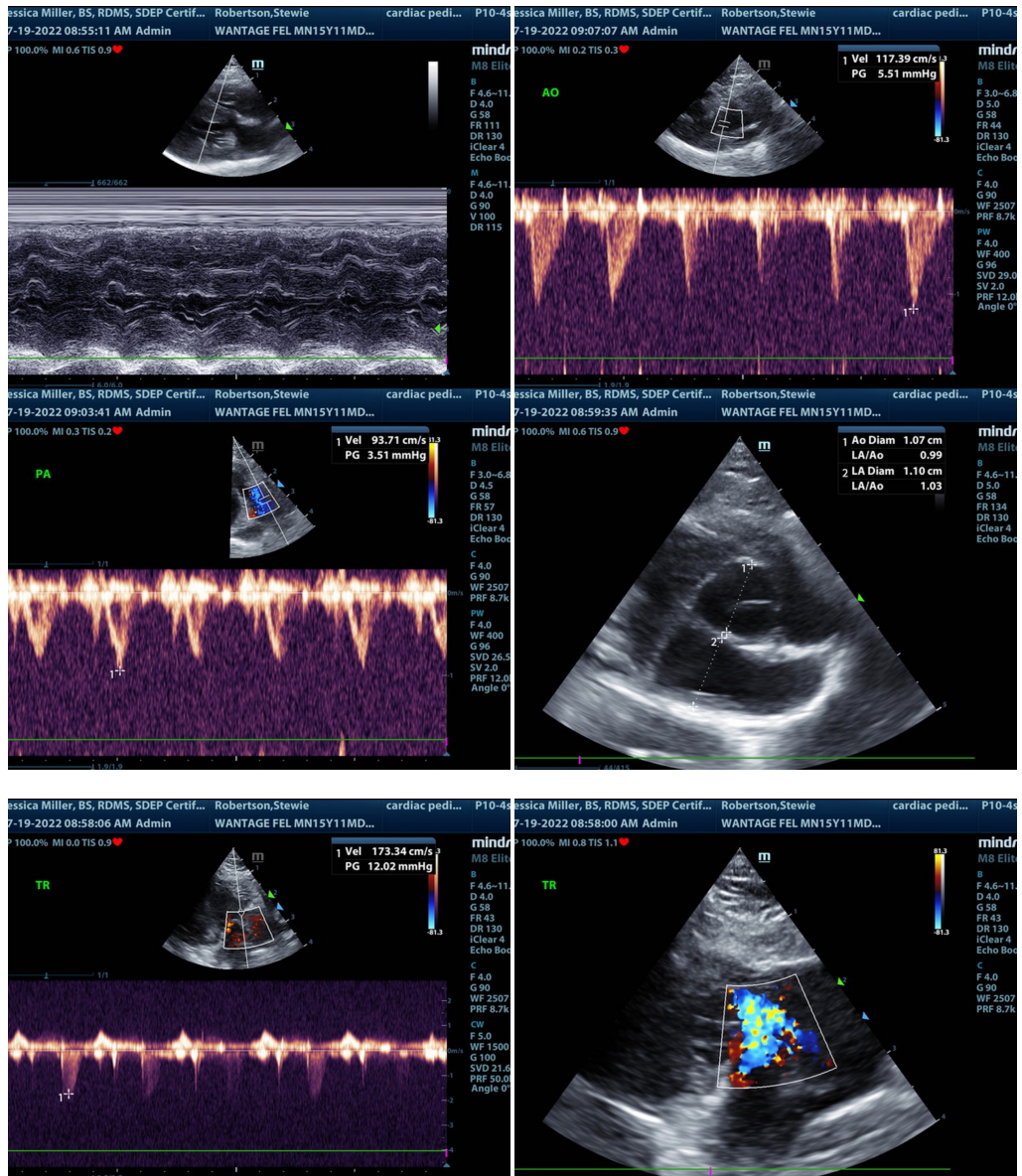
Dr. Bullock

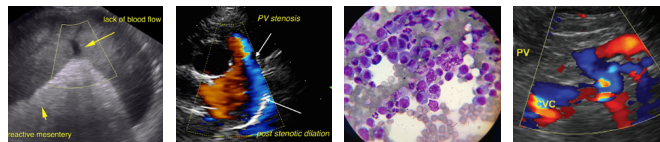
INVOICE

31807

DATE

7/19/22





PATIENT

Stewie Robertson

SPECIES

Feline

BREED

Domestic Medium Hair

SEX

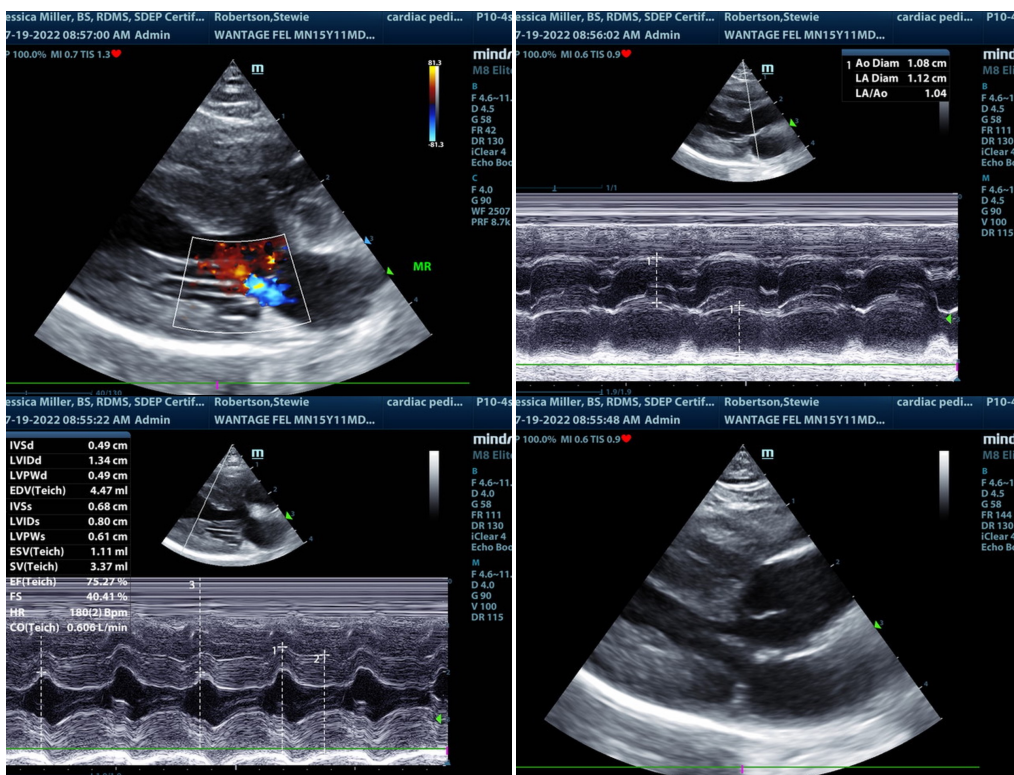
Neutered male

AGE

15 years

WEIGHT

10.7 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Wantage VH

REFERRING VET

Dr. Bullock

INVOICE

31807

DATE

7/19/22

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com