



PATIENT PRESENTING CLINICAL SIGNS

Fred Poreda

History: Patient presented for pre-op for dental, no murmur but elevated BNP. No current meds.
Abnormal PE/Chem/CBC/UA Results: BNP 133. All else WNL

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

14 years

WEIGHT

16 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

Millburn VH

REFERRING VET

Dr. Turowsky

INVOICE

97944

DATE

3/30/22

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient demonstrated normal **left atrial** size based on 3 separate LA measurements. The cranial and caudal **mitral** valve leaflets presented normal linear structure and kinetics. The **left ventricle** presented minor excessive septal and free wall thickening with normal internal diameter and adequate **contractility**. The aortic valve was mildly thickened. Aortic insufficiency was noted in this patient at 5.0 m/sec. The **right atrium** and auricle revealed normal size, structure and content. No evidence of masses was noted or chamber overload. Trivial **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.

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	16 lbs	183	0.61	1.69	0.59	42	76
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	1.06	1.02	1.1	1.04	0.68	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

Aortic insufficiency with slight left ventricular hypertrophy, not clinically significant. However, blood pressure measurements are warranted to rule out concurrent hypertension.

Minor compensatory hypertrophy was noted in the left ventricle.

Trivial tricuspid insufficiency.



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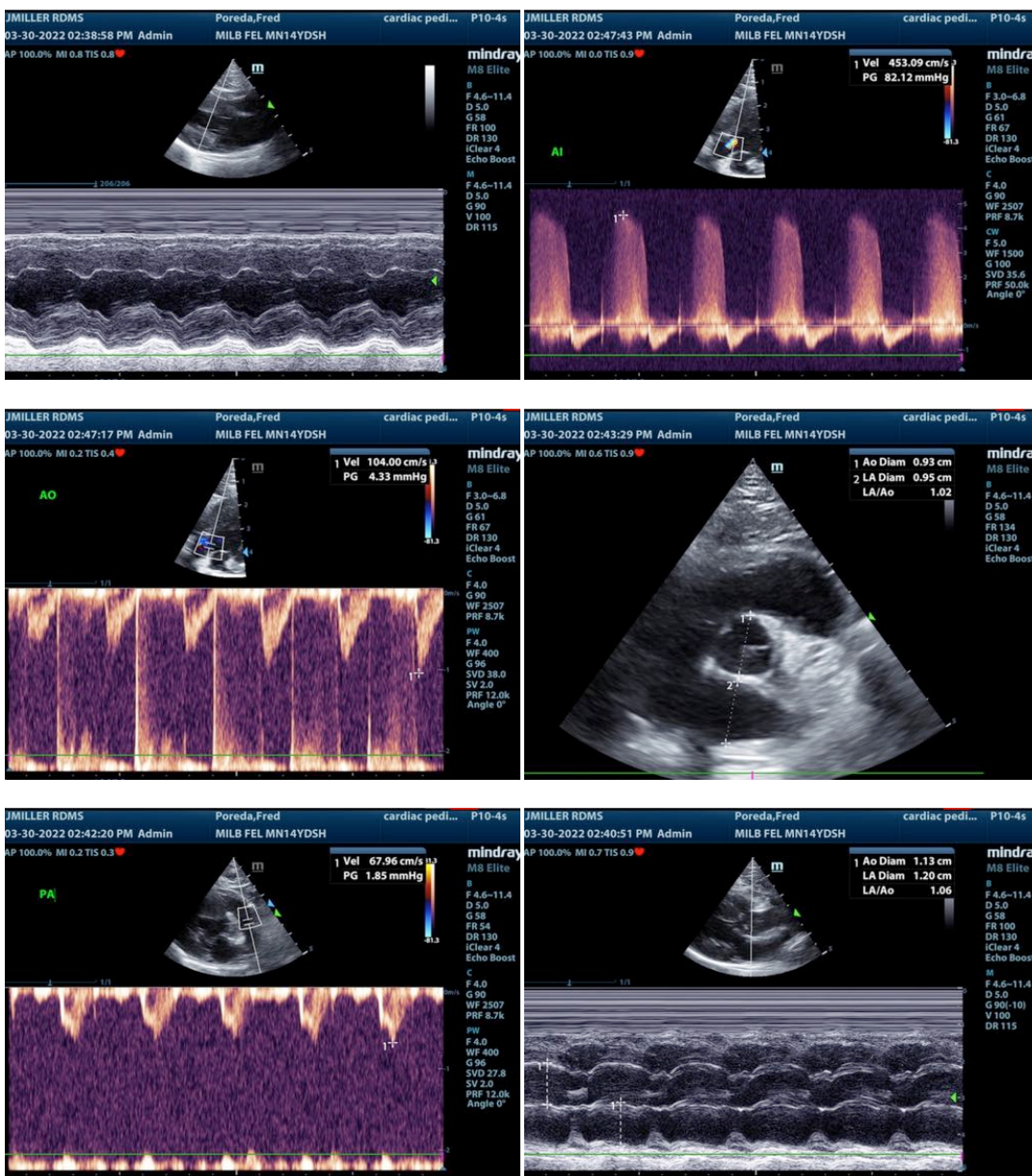
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recheck echocardiogram is recommended n 6 months or earlier if any exercise intolerance is an issue. There is no contraindication to anesthetic procedure if necessary. However, prophylactic antibiotics are recommended 3 days prior and 5 days post any procedure. Either primary aortic insufficiency or secondary aortic insufficiency owing to history of infectious endocarditis should be considered.





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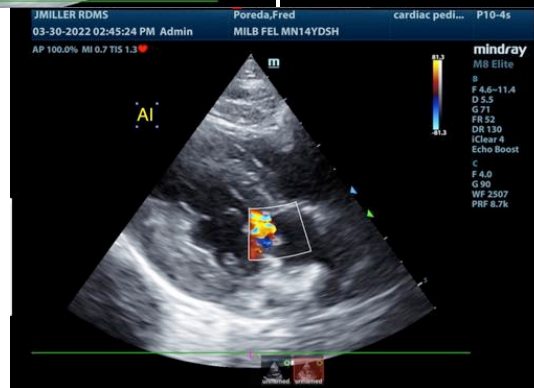
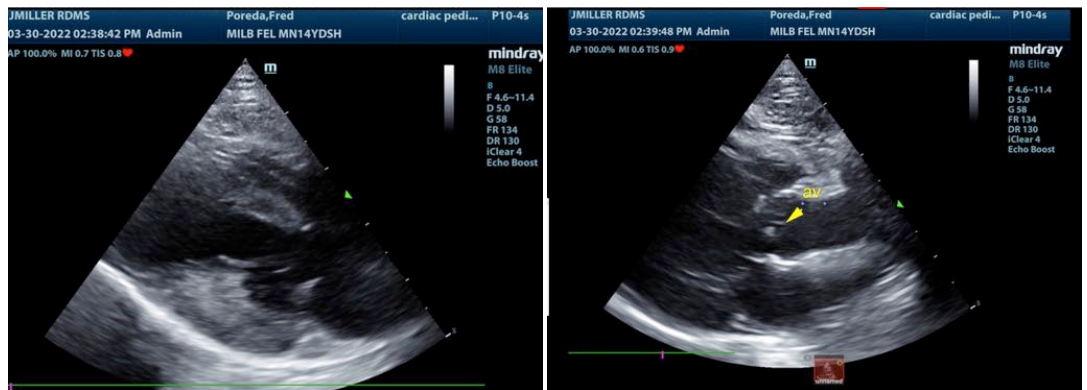
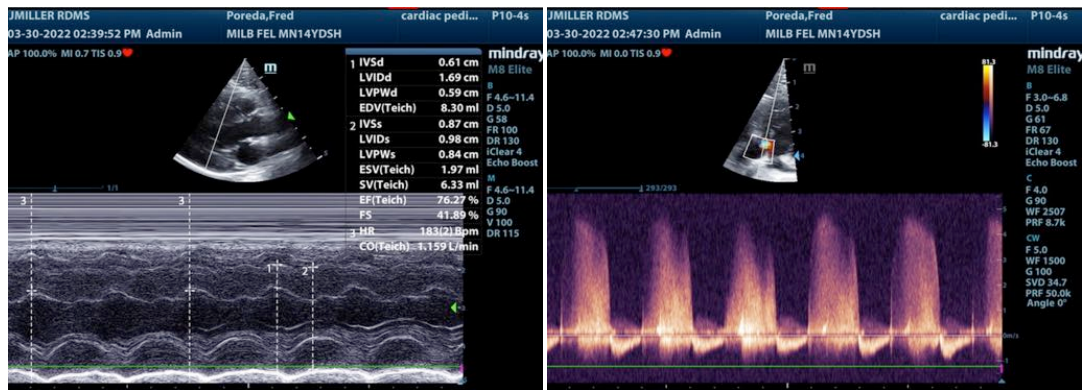
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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