


PATIENT PRESENTING CLINICAL SIGNS

Rusty Cintron History: recheck echo. on Pimobendan, Lasix, Denamarin

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE HEART

Canine

BREED

Cavalier King Charles

SEX

Neutered male

The echocardiogram in this patient demonstrated persistent mitral and tricuspid insufficiency. Mild left atrial enlargement was noted. Deviation of the atrial septum was noted. Complete filling of the left atrium was noted on color flow assessment of the mitral valve. The right atrium and auricle revealed normal size, structure and content. No evidence of masses was noted. The right ventricle was of normal size (1/3 diameter of LV), chordae structure, myocardial echogenicity and thickness. Pulmonary outflow 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. The cranial mediastinum and pericardial and extra-cardiac regions were free of masses in the visible window. The hepatic veins were not dilated.

AGE

13 years

WEIGHT
INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden, RVT

HOSPITAL NAME

North Warren AH

REFERRING VET

Dr. Corrado

INVOICE

32408

DATE

8/16/22

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	5.72		1.5	1.64	34	63	0.4
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	128	1.45	0.9		4.6	3.81	

ULTRASONOGRAPHIC FINDINGS

Mitral insufficiency.

Persistent, mild to moderate left atrial enlargement.

Advanced stage B2 valvular disease.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Refinement of the protocol could involve adding ace inhibitor at 0.5 mg/kg s.i.d. progressing to b.i.d. and Spironolactone at 1-2 mg/kg b.i.d. and potentially lowering the Lasix dose depending on the dose utilized in order to save the Lasix effective capacity for potential emergency situation in the future. Recheck echocardiogram is recommended in 6 months if the patient is stable. Target sleeping respiratory rate is < 25/minute.



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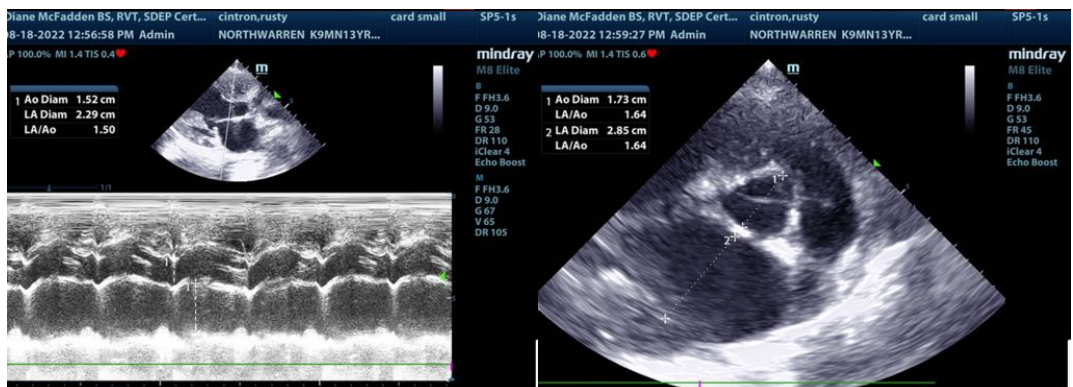
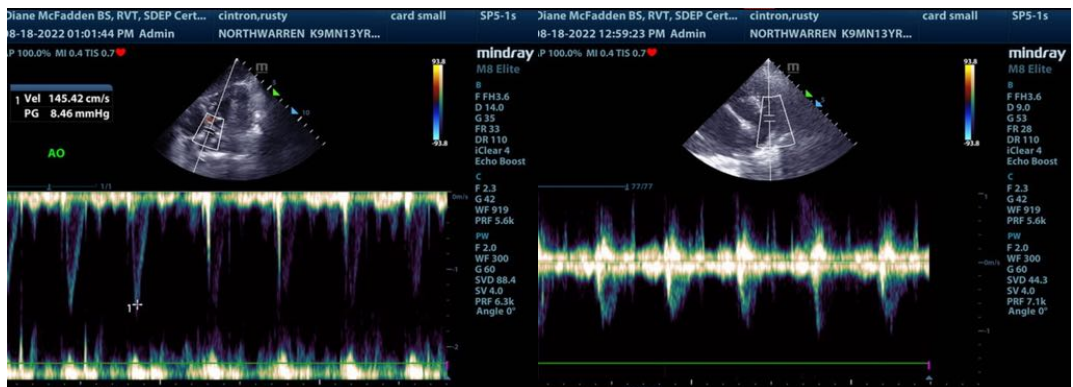
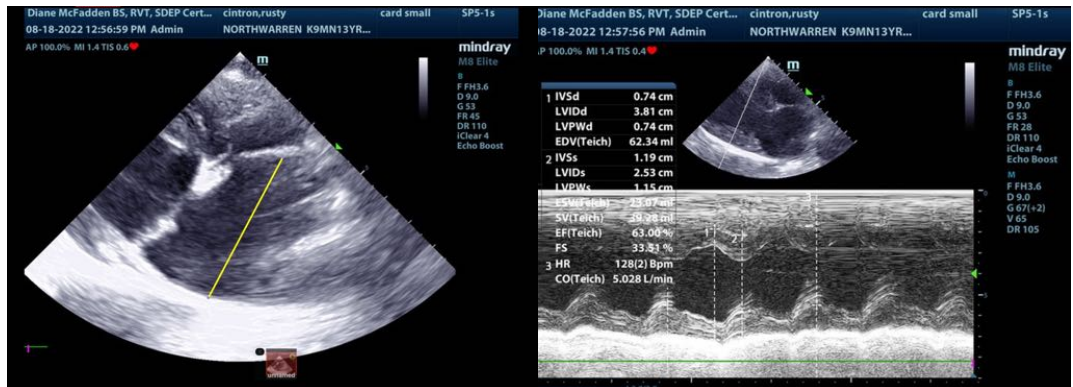
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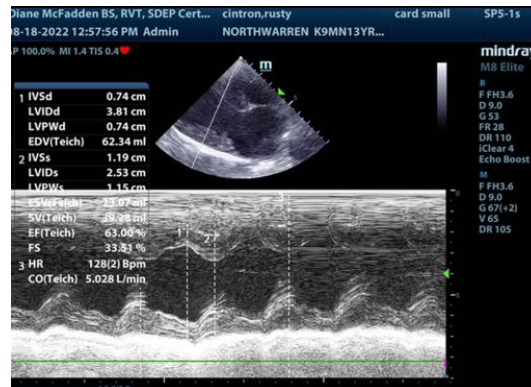
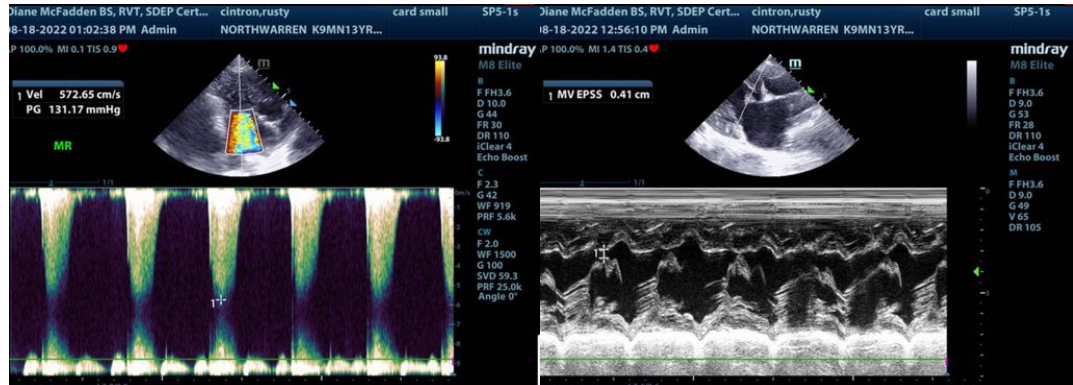
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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Info@SonoPath.com