


PATIENT

Duncan Pijanowski

PRESENTING CLINICAL SIGNS

Cushingoid, under care; probable CHF. Severe diarrhea; (On veteryl and thyrosyn; given a dose of lasix today. Sent home with lasix and metronidazole

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE HEART
BREED

Golden Retriever

SEX

Neutered Male

AGE

7 Years

WEIGHT

71 Pounds

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	5.0	3.0	1.8	1.7	~10	--	2.43
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				
PATIENT	Variable to 240	Variable Up to 200	1.10		5.04	6.5	

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

 Branchville Country
 Vet

REFERRING VET

Dr. Talbot-Valerio

INVOICE

24575

DATE

8/12/21

Cardiac Presentation

The cardiac presentation revealed volume overload of the left atrium and left ventricle with hypocontractility and arrhythmogenic disease. Mitral insufficiency noted. The right atrium was slightly enlarged as well. Significant lethal arrhythmia noted. Tricuspid insufficiency noted. Comet tail/shower curtain lung pattern noted, consistent with pulmonary edema. All parameters of DCM are present. No pericardial or pleural effusion. Pulmonic insufficiency also noted. Hepatic veins were dilated, consistent with emerging right-sided failure.

ULTRASONOGRAPHIC FINDINGS

- Dilated cardiomyopathy and left-sided congestive heart failure

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Possible nutritional cardiomyopathy or myocarditis. The mitral and tricuspid insufficiency velocities are likely underestimated, as the echocardiogram was done rapidly owing to respiratory distress of the patient. This patient is at risk for sudden death. Recommend immediate triple therapy in this patient with Lasix 3-4 mg/kg BID, ACE inhibitor 0.5 mg/kg SID progressing to BID, and Pimobendan 0.3 mg/kg BID. Taurine level testing and supplementation indicated. Assessment for infectious agents that could be responsible for myocarditis would be appropriate, such as Lyme or other tickborne disease. Zithromax or similar broad spectrum antibiotic would be appropriate to cover for potential myocarditis. Prognosis is extremely guarded. STAT EKG recommended given the arrhythmogenic activity noted. Recheck echocardiogram in one week if the patient survives this immediate episode.



PATIENT

Duncan Pijanowski

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered Male

AGE

7 Years

WEIGHT

71 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Branchville Country
Vet

REFERRING VET

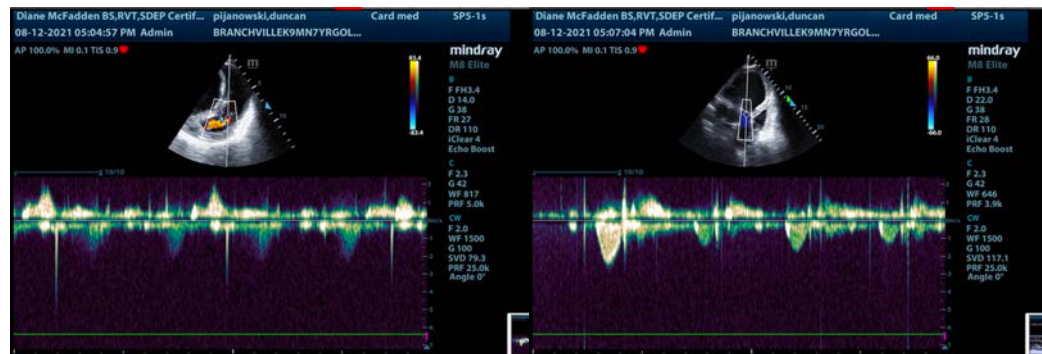
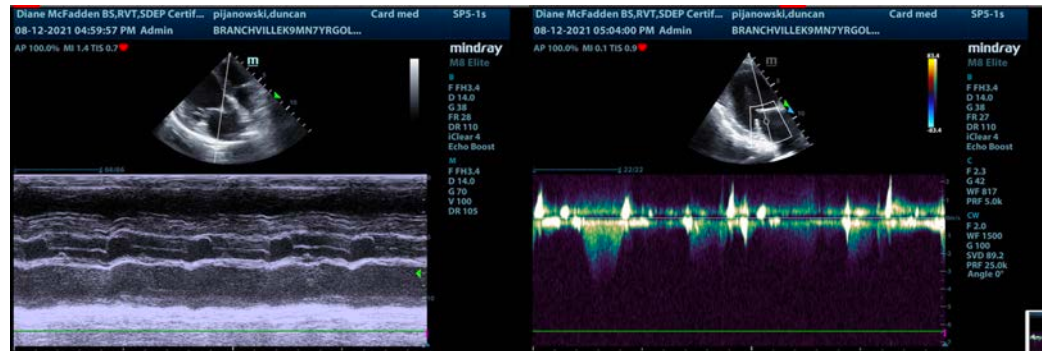
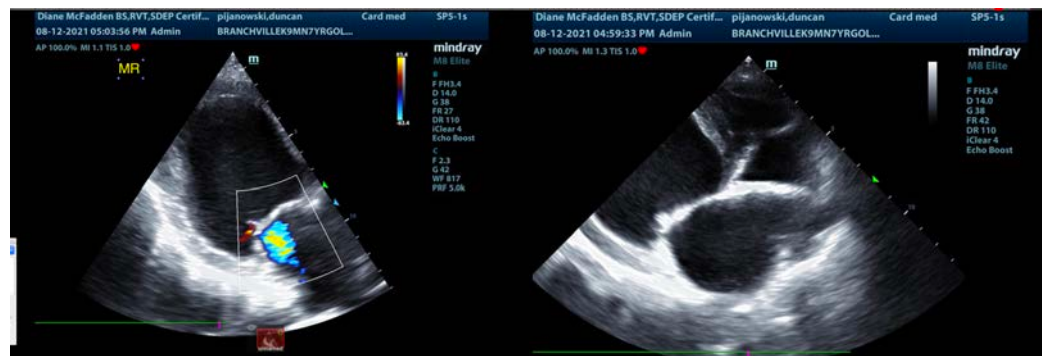
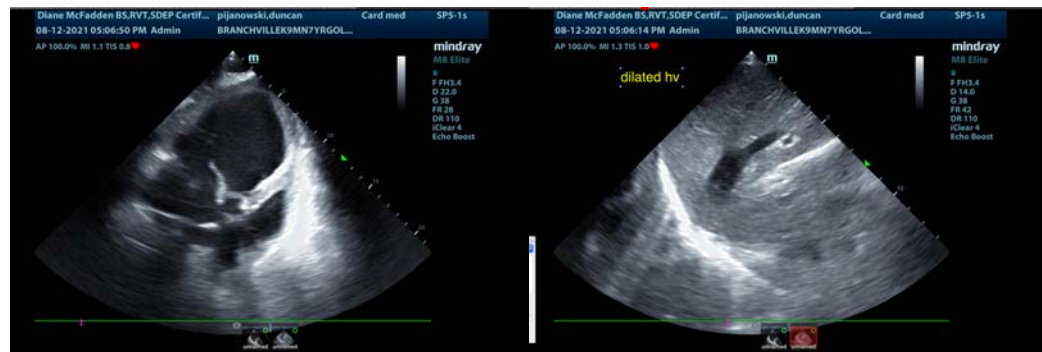
Dr. Talbot-Valerio

INVOICE

24575

DATE

8/12/21





PATIENT

Duncan Pijanowski

SPECIES

Canine

BREED

Golden Retriever

SEX

Neutered Male

AGE

7 Years

WEIGHT

71 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Branchville Country
Vet

REFERRING VET

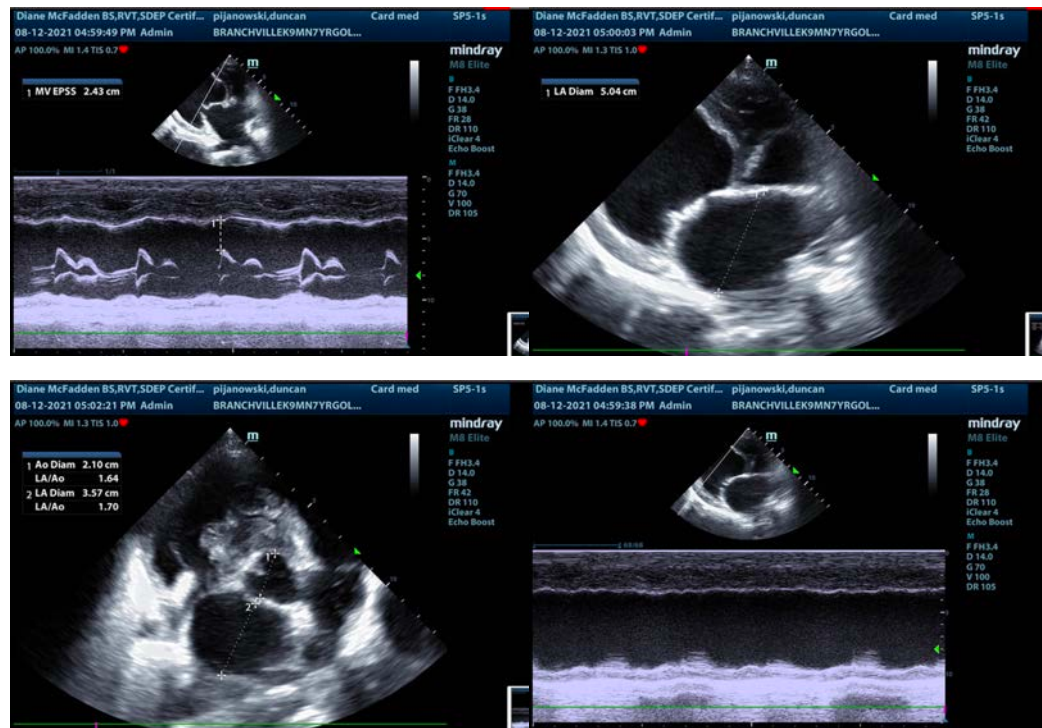
Dr. Talbot-Valerio

INVOICE

24575

DATE

8/12/21



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.

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