



PATIENT PRESENTING CLINICAL SIGNS

Ddash Luts

History: patient was presented today for echocardiogram , he was diagnosed with enlarged heart and was on Lasix 12.5 mg twice daily and Enalapril and theophylline had blood work 3 month ago and was normal and xray shows enlarged heart since started heart medications he drinks and pees excessively eating and drinking normal no vomiting , diarrhea ,sometimes coughing
 Abnormal PE/Chem/CBC/UA Results: CBC, chem : pending xray : sever cardiac enlargement with rounding border

SPECIES

Canine

BREED

Dachshund

SEX

Neutered male

AGE

15 years

WEIGHT

16 lbs

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUS

IMAGING PERFORMED BY

Dr. Gabriel

HOSPITAL NAME

Central Jersey AH

REFERRING VET

Dr. Gabriel

INVOICE

92377

DATE

10/13/21

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient presented severe volume overload and prolapse of the mitral valve. Severe left-sided volume overload and mitral valve prolapse was noted with pericardial effusion. This is strongly concerning for left atrial tear. The pulmonic outflow was unremarkable at 9.0 m/sec. Tricuspid insufficiency was also noted, yet not the primary issue.

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	4.59	3.06	> 3.0	>3.0	30		NM
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			0.9		5.46 max	4.0	

ULTRASONOGRAPHIC FINDINGS

Mitral and tricuspid insufficiency.
 Severe left-sided and left-ventricular dilation with pericardial effusion.
 Suspect left atrial tear or rupture.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cage rest and aggressive triple therapy is recommended in this patient. The patient is at high risk for sudden death. Triple therapy is warranted. Lasix 3-4 mg/kg BID initially and then decreasing based on respiratory rate and hydration status as well as any azotemia. Pimobendan 0.3 mg/kg BID, ACE



PATIENT

inhibitor 0.5 mg/kg SID progressing to BID over 5-7 days. This should be followed by a recheck echocardiogram. However, if left atrial tear is present then prognosis is poor.

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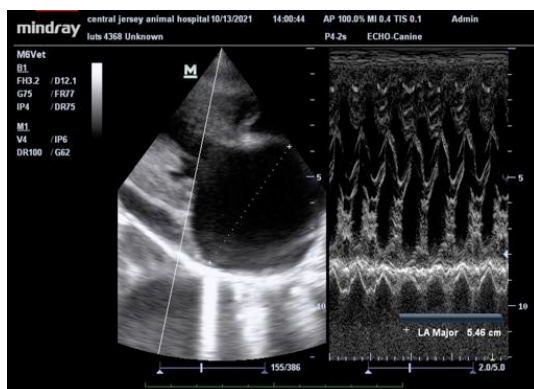
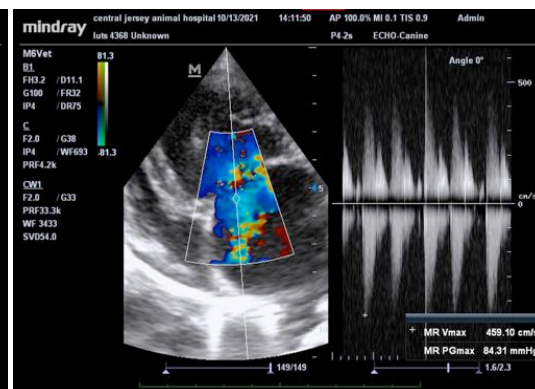
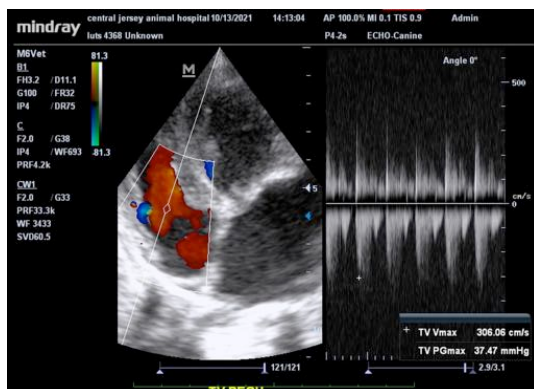
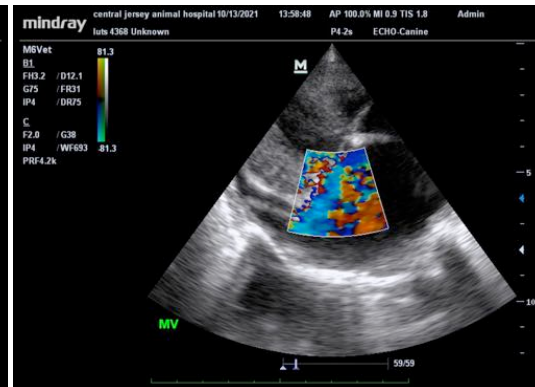
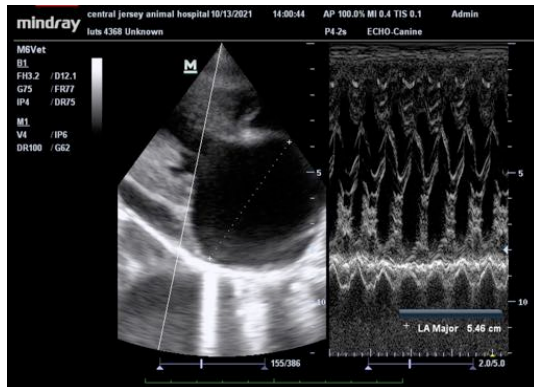
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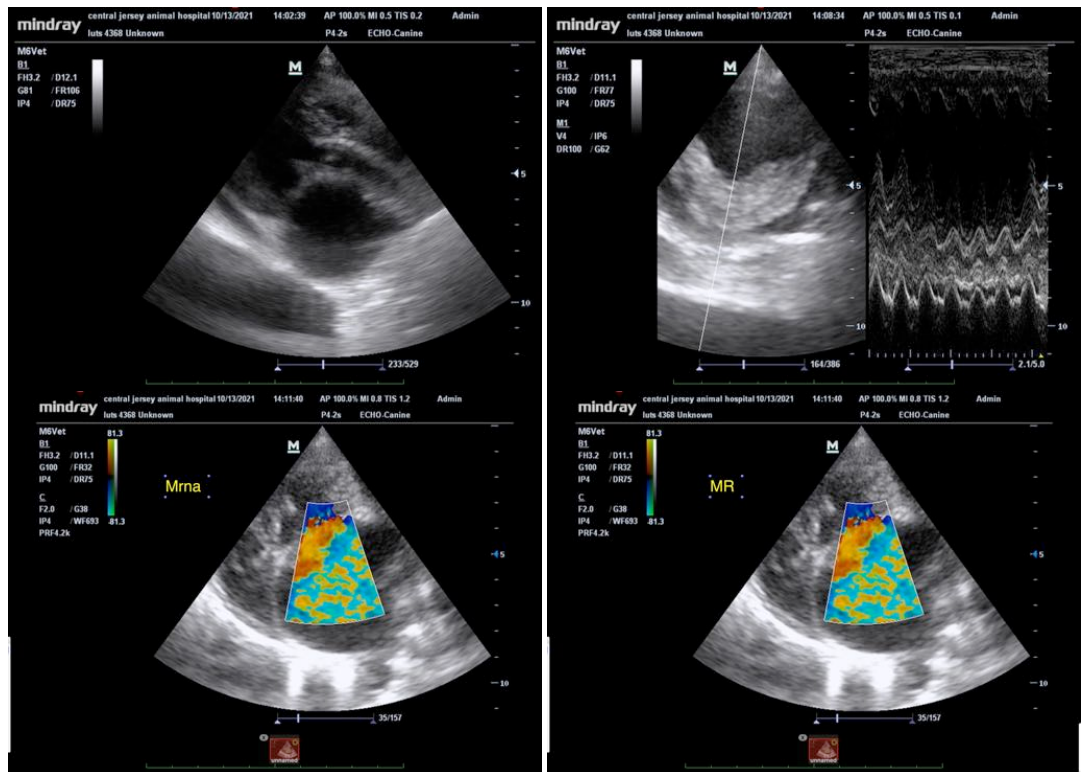
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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