



PATIENT PRESENTING CLINICAL SIGNS

Spooky Goodmonson

SPECIES

Canine

BREED

Doodle

SEX

Neutered male

AGE

9 years

WEIGHT

31 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Bailes

HOSPITAL NAME

All Creatures Great
and Small Corvallis

REFERRING VET

Dr. Bailes

INVOICE

91636

DATE

9/2/21

History: Hx of 2/6 systolic murmur diagnosed 11/20 - echo performed (See invoice #17352 for comparison) and stage B1 valvular disease diagnosed. Annual exam performed 8/21 - murmur has progressed to a 4-5/6; lungs clear. Owner reports consistently elevated SRR (>30-31 bpm), otherwise no health concerns - no coughing, no exercise intolerance.
Abnormal PE/Chem/CBC/UA Results: grade 5/6 murmur today; lungs sound clear; slightly increased RE during imaging today. Wanting to schedule a dental cleaning pending echo report.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The cardiac presentation revealed persistent mitral and tricuspid insufficiency with minor prolapse of the anterior mitral valve leaflet. Mildly increased left ventricular and left atrial volume was noted compared to the prior sonogram. Slight deviation of the atrial septum was noted. Left ventricular outflow velocity was mildly excessive. No pericardial or pleural effusion was noted. There was no significant right heart disease present.

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	5.46	2.64	1.3	1.5	49	79	0.1
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	120	2.15	1.2	31 lbs	4.2 max	3.57	

ULTRASONOGRAPHIC FINDINGS

Mildly progressed left atrial enlargement owing to mitral and tricuspid insufficiency with slight prolapse.

Mildly increased LVOT velocity.

Early stage B2 valvular disease. The patient has progressed from stage B1 to early stage B2 compared to the prior sonogram.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend blood pressure measurements in this patient. If vertebral heart score is excessive then the use of Pimobendan would be appropriate at 0.3 mg/kg b.i.d. Recheck echocardiogram in 3 months.



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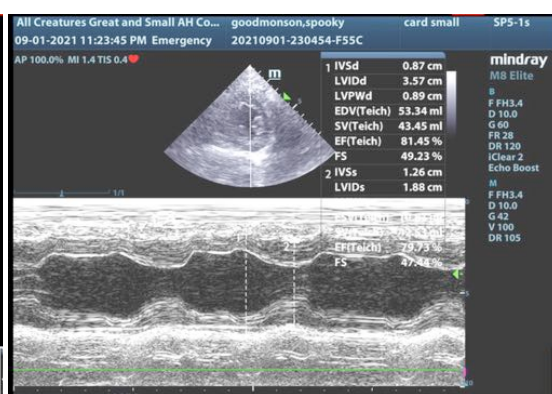
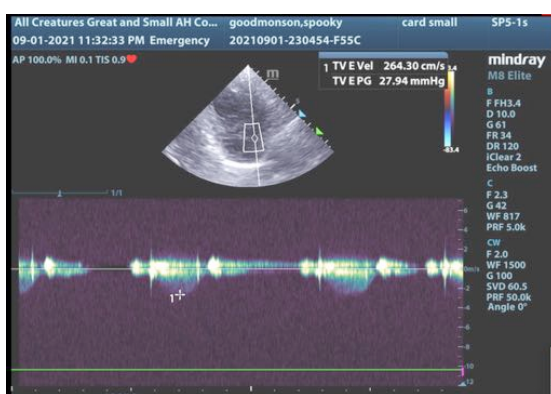
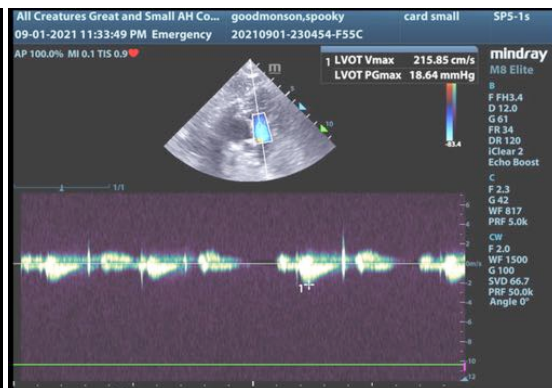
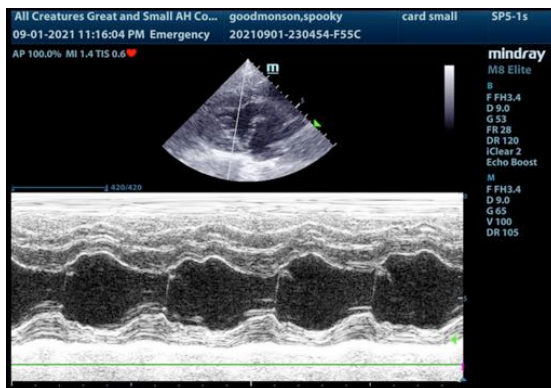
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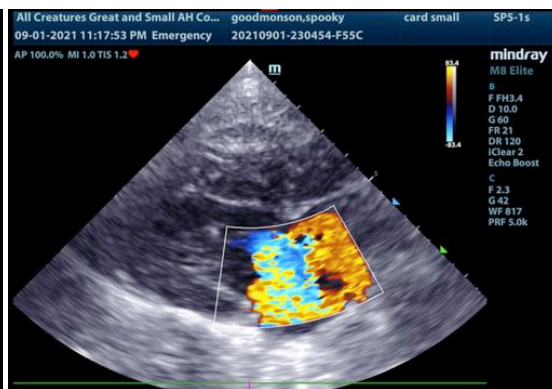
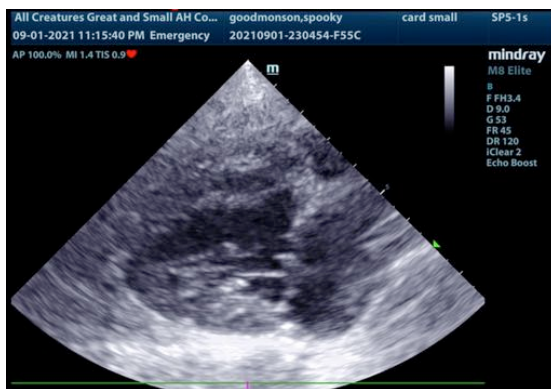
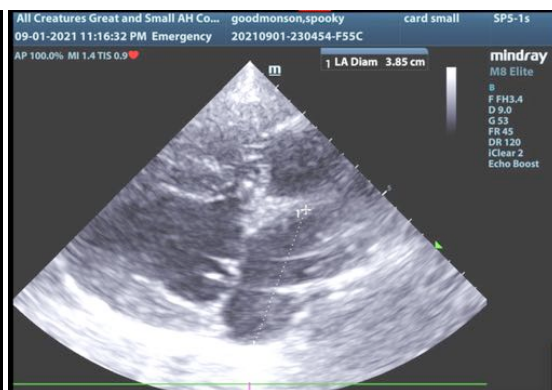
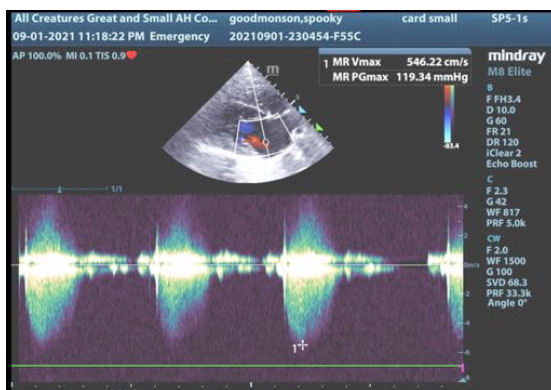
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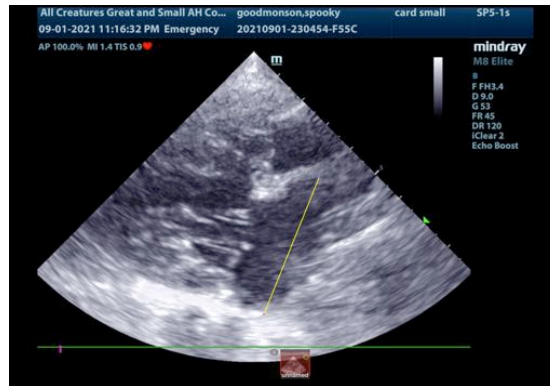
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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