


PATIENT PRESENTING CLINICAL SIGNS

Raydar Rossman

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed female

AGE

10 years

WEIGHT

7.4 lbs

INTERPRETED BY

 Eric Lindquist, DMV
 DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. McFeely

HOSPITAL NAME

Straley VA

REFERRING VET

Dr. McFeely

INVOICE

44089

DATE

5/1/23

History: Raydar presented today for a recheck cardiac diagnostic evaluation. She has had 3 previous cardiac ultrasound exams and SonoPath telemedicine consultations for MMVD. She appears to be stable at this time clinically. Her previous ultrasound exams were performed on December 14, 2021, June 14, 2022, and November 7, 2022. On chest radiographs today, Raydar's VHS was 10.5 and she had mild tracheal collapse in one of the lateral views. She is currently on triple therapy for cardiac insufficiency (6.25mg furosemide PO BID, 2.5mg benazepril q 24 hours, 0.625mg pimobendan BID) and 1.25mg hydrocodone q 8-12 hours for cough. Her BP today ranged from 145/100 (116) to 181/101 (133) mmHg systolic/ diastolic (MAP). She was given 0.7mg butorphanol IV today for light sedation.

ULTRASONOGRAPHIC EXAMINATION OF THE HEART

The echocardiogram in this patient revealed relatively normal volumes. Mitral and tricuspid insufficiency was persistent. Contractility appeared adequate. No pericardial or pleural effusion was noted. The left atrial size in LA max was normal and upper limits of normal in LA:AO heart base measurement.

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (Boon method)	LA/AO (Heart Base;)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	<1.6	28-40	40-100	<0.6
PATIENT			1.3	1.8	40		0.1
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT	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		1.2	0.6	7.4 lbs	2.65 max		

ULTRASONOGRAPHIC FINDINGS

Persistent, stable mitral insufficiency, compensated.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No adjustment in the current medication protocol is indicated. Recheck echocardiogram is recommended in 3-6 months depending on clinical status.



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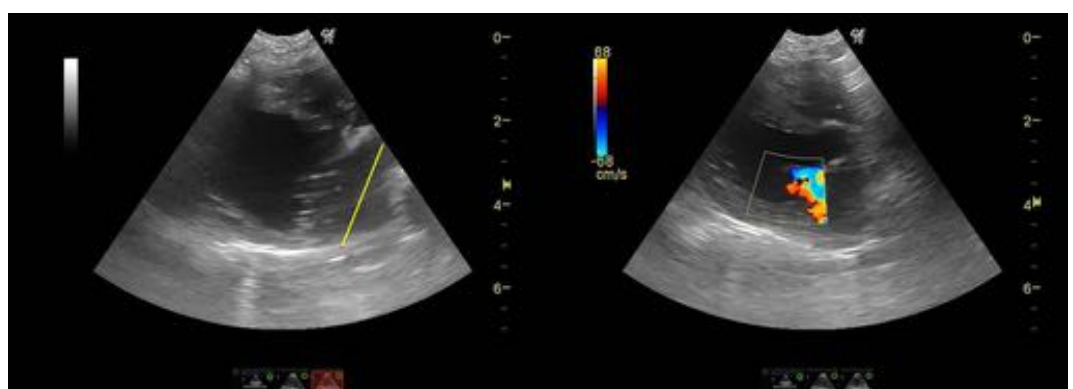
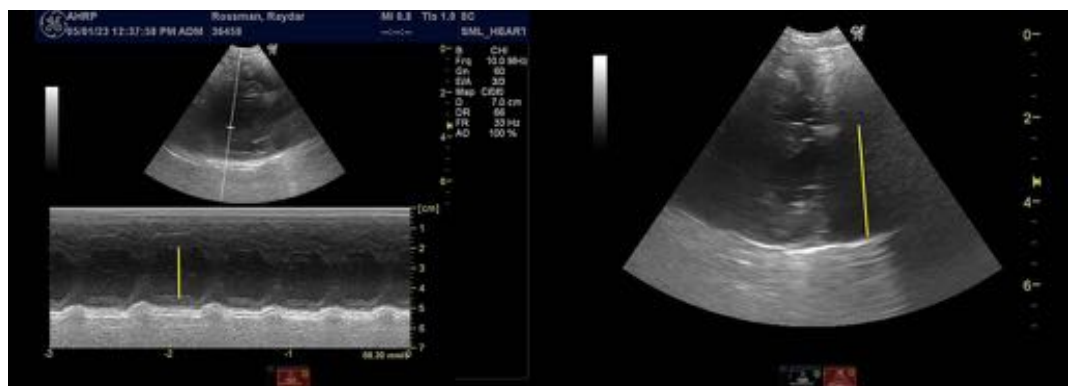
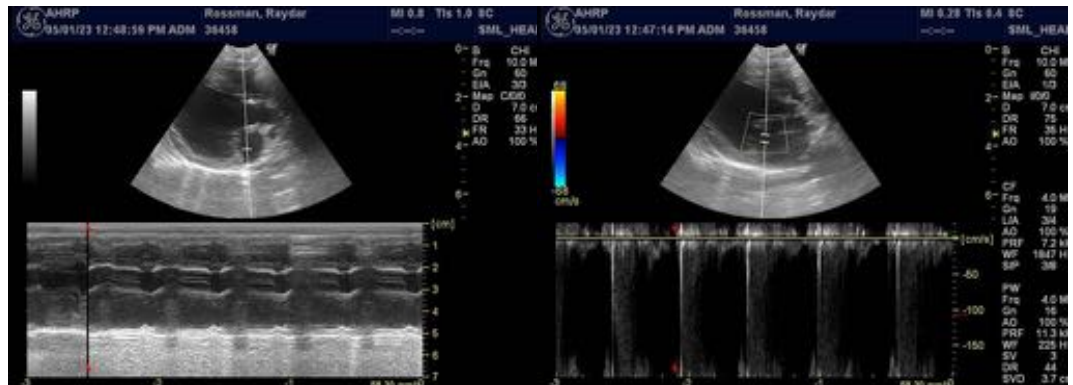
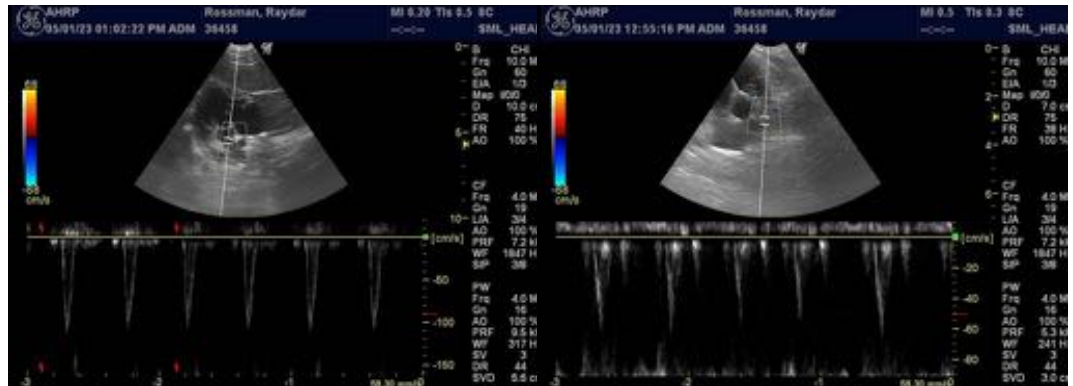
Dr. McFeely

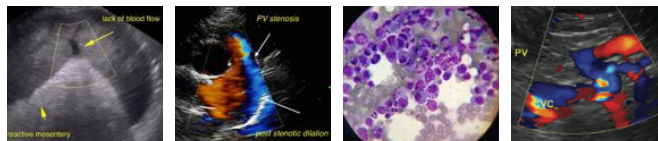
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com