


PATIENT

Maverick Capstick

PRESENTING CLINICAL SIGNS

 History: Recheck echo. No evidence of congestion today. Previously heartworm positive.
 -Radiographs: R & L lateral and VD chest views: generalized mild cardiomegaly. VHS=11.2.
 Patchy interstitial pattern in caudoventral lung fields.

SPECIES

Canine

-Pertinent previous echo findings (3/2021 MML): Trace MR, normal left heart, severe MPA/RH dilation, mild TR, moderate PAH: 4.0m/s.

BREED

Great Pyreneese

ECHOCARDIOGRAM FINDINGS

2D, m-mode, color flow and doppler imaging is available. Mild diffuse thickening of mitral valve with no prolapse into the left atrial lumen. Trace MR; normal LA dimension. No LV dilation with adequate myocardial function. The MPA and branches are moderately dilated. No adult worms seen. Mild right atrial dilation. Mild RV prominence with mild RVH. Trace tricuspid regurgitation. The pulmonic and aortic valves are normal in morphology and mobility. Normal pulmonic and aortic outflow velocities with laminar flow. Mild pulmonic insufficiency. No aortic insufficiency. No pericardial or pleural effusion.

AGE

4 years

CARDIAC CHART
WEIGHT

103.6lbs

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	NM	NM	1.2	1.4	36	66	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	BELOW	BELOW	BELOW	BELOW
PATIENT	180	1.7	1.4	47.0	3.0	3.5	1.8
*Normal chamber parameters expressed as a mean value (SD)				3	1.27 (5.3)	2.46 (2.46)	1.36 (5.5)
BODY WEIGHT DEPENDENT PARAMETERS				5	1.40 (4.5)	2.74 (5.2)	1.60 (4.7)
<i>*Note: All measurements based upon multi-modal images and methods. An average value is reported.</i>				10	1.50 (3.8)	3.27 (3.5)	2.06 (3.1)
				15	1.83 (2.0)	3.71 (2.4)	2.43 (2.1)
				20	2.02 (1.9)	4.14 (2.2)	2.80 (2.0)
				25	2.18 (2.4)	4.48 (2.9)	3.10 (2.5)
				30	2.33 (3.3)	4.83 (3.9)	3.39 (3.4)
				35	2.48 (4.3)	5.17 (5.0)	3.69 (4.5)
				40	2.62 (5.2)	5.48 (6.1)	3.96 (5.4)
				50	2.88 (7.1)	6.07 (8.3)	4.46 (7.4)

INTERPRETED BY

 Maggie Machen Lamy,
 DVM DACVIM
 (Cardiology)

IMAGING PERFORMED BY

Kelly Reschny, RVT

HOSPITAL NAME

 Headon Forest
 Animal Hospital

REFERRING VET

Dr. Patton

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Compared to the prior study, there is evidence of mild improvement. The right heart is reduced in size comparatively, with only mild persistent enlargement. The MPA is dilated; however, there are no obvious progressive issues identified.

INVOICE

22942

DATE

3/4/22



PATIENT

Maverick Capstick

No medications are listed in the history and Sildenafil should certainly be continued lifelong. No obvious indication for additional medications at this time given no reported symptoms.

SPECIES

Canine

Prognosis remains guarded long term, with risk for right-sided CHF, syncope and/or sudden death going forward.

BREED

Great Pyreneese

PLAN

Continue Sildenafil as previously prescribed. Utilized hydrocodone for any chronic cough symptom and treat flareups accordingly.

SEX

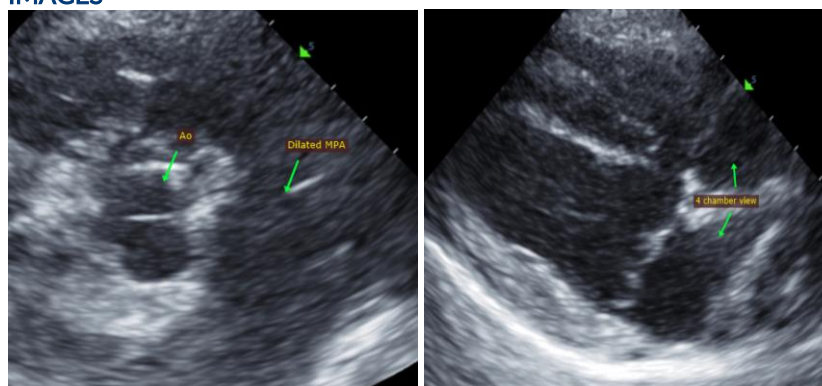
Male Intact

Recheck echocardiogram annually, sooner if clinical signs arise.

AGE

4 years

IMAGES



WEIGHT

103.6lbs

INTERPRETED BY

Maggie Machen Lamy,
DVM DACVIM
(Cardiology)

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.

IMAGING PERFORMED BY

Kelly Reschny, RVT

Thank you for this referral. This report was generated using transcription software, and minor dictation errors may be present. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

HOSPITAL NAME

Headon Forest
Animal Hospital

Maggie Machen Lamy, DVM

Diplomate of the American College of Veterinary Internal Medicine (Cardiology)

info@sonopath.com

REFERRING VET

Dr. Patton

INVOICE

22942

DATE

3/4/22