

MOBILE VETERINARY IMAGING

DATE: 12272022

PATIENT:  Canine/MN/Pomeranian/13 yr 6mo 10.12#

HOSPITAL: 

HISTORY: - Non-productive persistent cough, history of lymphoma, heart murmur (4/6)

ECHOCARDIOGRAM

M MODE/2D		SUBJECTIVE ASSESSMENT	NORMAL REFERENCE		
HR:	142	Left atrium:	BW (kg)	LA (cm)	LVIDd (cm)
EPSS (cm):	-	severely enlarged	5	1.6-2.7	2.2-3.2
LA MAX (cm):	-	Left ventricle:	10	2.1-3.2	2.9-3.5
FS%	49.5	enlarged	15	2.5-3.6	3.5-3.9
EF%	-	Mitral valve:	20	2.9-4.0	3.9-4.3
IVSD (cm):	0.64	thickened, prolapse, moderate regurge	25	3.2-4.3	4.2-4.6
LVIDd (cm):	3.23	Right atrium:	30	3.5-4.5	4.5-5.6
LVPWD (cm):	0.51	normal	35	3.6-4.7	4.6-5.6
LA/AO:	2.1	Right ventricle:	40	3.8-4.8	4.8-6.0
LVIDNd (cm):	2.06	normal	45	3.8-4.9	5.0-6.4
BW (lb):	10.12	Tricuspid valve:	50	3.8-5.0	5.2-6.8
DOPPLER:		thickened, moderate regurge	LVIDNd	1.27-1.85	
LVOT (m/s):	1.0	Aortic valve & artery			
RVOT (m/s):	0.7	normal			
MR (m/s):	5.3	Pulmonic valve & artery			
TR (m/s):	3.4	normal			
		Pericardial space:			

	normal
	<u>Pleural space:</u>
	normal
CONCLUSIONS	
FINDINGS:	<p>Chronic valvular disease with left atrial and left ventricular enlargement. This may be stage B2 or C depending on radiograph changes (if pulmonary venous congestion or pulmonary edema is present, patient is stage C; if these are not present, patient is stage B2)</p> <p>Mild pulmonary hypertension</p> <p>Pending cardiologist consult</p>
SUGGESTIONS FOR CASE MANAGEMENT:	<p>Recommend starting pimobendan. Recommend spironolactone due to the marked enlargement of the left atrium.</p> <p>Consider lasix and/or enalapril pending results of radiographs, blood pressure and bloodwork.</p> <p>Recommend re-evaluating the echocardiogram in 6-9 months, sooner if clinically warranted.</p> <p>Pending cardiologist consult</p>
FURTHER DIAGNOSTICS:	<p>Minimum data base for cardiac workup in addition to the echocardiogram: 3 view thoracic radiographs, blood pressure, chemistry, ECG (if arrhythmia present).</p>
CARDIOLOGY REVIEW:	Pending
<p>If submitting for review by the cardiologist, radiographs and other diagnostics must be emailed to Dr. Wiseman (lara@mobileveterinaryimaging.net) by 5 PM on the day of the echocardiogram.</p>	
<p>Please visit mobileveterinaryimaging.net to provide the relevant history prior to the ultrasound to ensure that all relevant history is provided. Don't hesitate to contact Dr. Wiseman if the sonographic findings or interpretation do not support your clinical impressions and patient assessment.</p>	