

PATIENT

Nugget Ramsey

SPECIES

Canine

BREED

PekaPoo

SEX

Neutered Male

AGE

13 Years

WEIGHT

8.6 Pounds

INTERPRETED BY

Laurent Locquet, DVM,
 MRCVS, GPCert, (VC)
 Diplomate, ECVIM-CA
 (Cardiology)

IMAGING PERFORMED BY

Ginny Dodd DVM, D,
 ABVP (CFP)

HOSPITAL NAME

Charlotte Natural AC

REFERRING VET

Dr. Jimmy Schacht

INVOICE

37565

DATE

6/17/26

PRESENTING CLINICAL SIGNS

History: Heart murmur has increased in intensity, coughing occasionally

Abnormal PE/Chem/CBC/UA Results: PE: BCS 4/9; mm pink, CRT < 2 sec, grade V/VI systolic murmur over heart base on L, but also IV/VI over R and L apex, no crackles heard, CBC- reticulated HGB sl low
 CHEM- BUN 30, amylase low T4 0.8

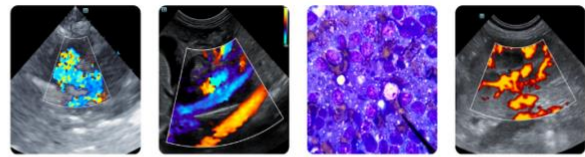
ULTRASONOGRAPHIC EXAMINATION OF THE HEART

CANINE CARDIAC PARAMETERS	MR VMAX (m/s)	TR VMAX (m/s)	LA/AO (M-Mode)	LA/AO (Heart Base; Swe)	FS (%)	EF (%)	EPSS (cm)
NORMAL PARAMETER	4.5-5.5	<2.7	1.3	Up to 1.6	28-40	40-100	<0.6
PATIENT	5.70	3.12	NM	1.45	51	--	0.26
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (lbs)	LAD LA MAX 4 Chamber	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	--	1.31	0.71	8.6	27 mm	3.74	1.82

Cardiac Presentation

The mitral valve leaflets are mildly thickened with severe mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflet. The left atrial size is normal. Left ventricular internal dimensions during diastole are within normal limits and systolic function is preserved in the face of mitral regurgitation. There is normal right atrial size with mild tricuspid regurgitation. There is no prolapse of the tricuspid valve leaflets. There is evidence of mild pulmonary hypertension based upon tricuspid regurgitant velocities. The right ventricle subjectively appears normal in structure and function. The aortic and pulmonic valves have normal morphology, and the corresponding outflow velocities are within normal limits. There is no evidence of pulmonic insufficiency. Trivial aortic insufficiency was noted. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses. A few B-lines were noted.

ULTRASONOGRAPHIC FINDINGS



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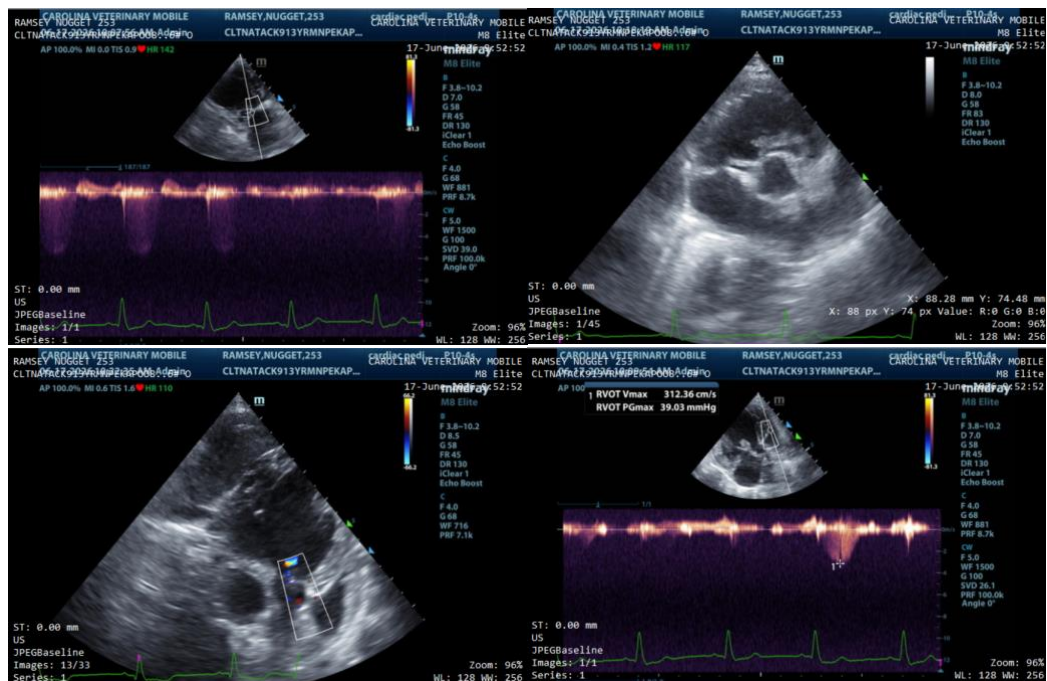
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- Myxomatous mitral valve disease B1 with severe mitral valve regurgitation and concurrent tricuspid valve disease, compatible with mild pulmonary hypertension.
- Trivial aortic insufficiency is present.
- A few B-lines

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No medication is necessary at this stage based on the current examination. Thoracic radiographs are strongly recommended, and management should be adjusted accordingly depending on the radiographic findings.



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.

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