



PATIENT

Mr. Bean Gravis

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered Male

AGE

9 Years 10 Months

WEIGHT

9.4 Pounds

INTERPRETED BY

Sara Brethel, DVM,
 DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Eric Lindquist

HOSPITAL NAME

Ringwood AH

REFERRING VET

Dr. Wilkes

INVOICE

35498

DATE

11/13/25

PRESENTING CLINICAL SIGNS

History: Recheck MVD (prev. report attached). Grade IV/VI systolic murmur, increased BP. Current Meds: Pimobendan, Benazepril.

Abnormal PE/Chem/CBC/UA Results: ALP 485; UA: N/A.

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	5.32	2.53	1.53	1.76	47.61	--	NM
CANINE CARDIAC PARAMETERS	HR (BPM)	AV VMAX (m/s)	PV MAX (m/s)	BODY WEIGHT (kg)	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	--	1.24	1.15	4.27	2.56	2.1	1.1

Cardiac Presentation

The mitral valve leaflets are mildly thickened with moderate mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflet. The left atrial size is mild to moderately enlarged. 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 and no evidence of 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 or aortic insufficiency. The aorta appears normal. The pulmonary artery and associated branches appear normal. There is no evidence of pleural effusion, pericardial effusion, or intracardiac masses.

ULTRASONOGRAPHIC FINDINGS

- Degenerative valve disease, ACVIM stage B-2
- Mild tricuspid regurgitation without evidence of pulmonary hypertension

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Mr. Bean Gravis

The patient continues to have degenerative valve disease, ACVIM stage B-2. Left ventricular dimensions have remained stable since the previous examination performed in May. There has been progression of the left atrial size. Recommend continuation of the current pimobendan therapy.

SPECIES

Canine

The blood pressure is reported to be increased; however, a value is not provided. If the blood pressure is > 160 mmHg, recommend following ACVIM guidelines for systemic hypertension.

BREED

Chihuahua

The client should start monitoring respiratory rate and effort at home if not already doing so. The resting respiratory rate should be < 35-40 breathes/minute when the patient is resting or sleeping. If the breathing rates are increasing, then chest radiographs are recommended.

SEX

Neutered Male

As long as the patient is clinically doing well, a recheck echocardiogram is recommended in 6-12 months, sooner if the patient is decompensating.

AGE

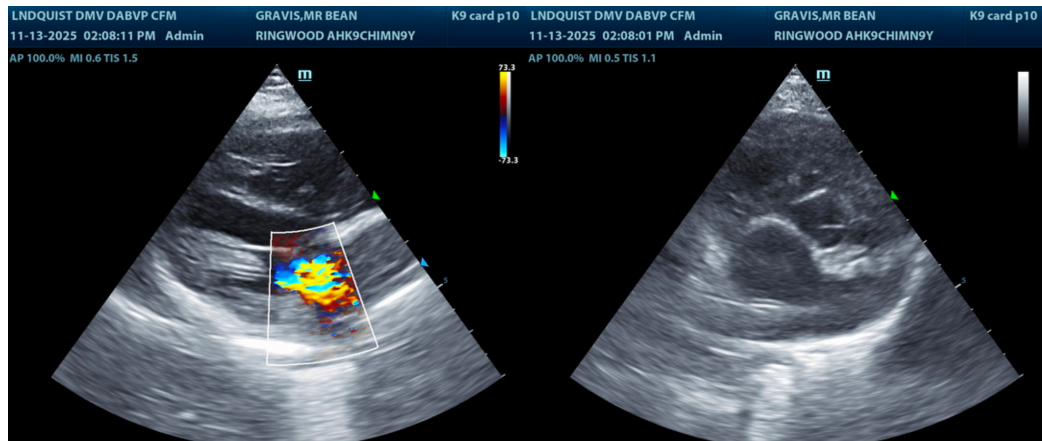
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

Ringwood AH

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.

REFERRING VET

Dr. Wilkes

Sara Brethel DVM, DACVIM (Cardiology)

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info@SonoPath.com

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