



PATIENT

Maple2 Sheffield, Emily

SPECIES

Canine

BREED

Standard Poodle

SEX

Spayed Female

AGE

12 Years

WEIGHT

27.5 kg

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Mark VanCampen

HOSPITAL NAME

Mississippi Mills AH

REFERRING VET

Dr. A. Mulloy

INVOICE

35073

DATE

12/23/25

PRESENTING CLINICAL SIGNS

History: No clinal signs of heart disease Multiple skin lesions and tail mass that may require surgical excision.

Abnormal PE/Chem/CBC/UA Results: CBC - mild lymphopenia Chem - mod increase in ALT, ALP , GGT. AST. (tbil WNL).

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	5.0	--	NM	1.25	57.86	--	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	--	~1.8	~ 1.0	27.5	3.9	3.56	1.5

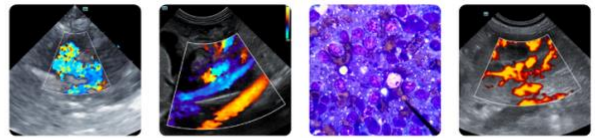
Cardiac Presentation

The mitral valve leaflets are mildly thickened with mild mitral regurgitation posteriorly directed. There is no prolapse of the mitral valve leaflets. 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 without 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-1

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS



PATIENT

Maple2 Sheffield, Emily

SPECIES

Canine

BREED

Standard Poodle

SEX

Spayed Female

AGE

12 Years

WEIGHT

27.5 kg

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Mark VanCampen

HOSPITAL NAME

Mississippi Mills AH

REFERRING VET

Dr. A. Mulloy

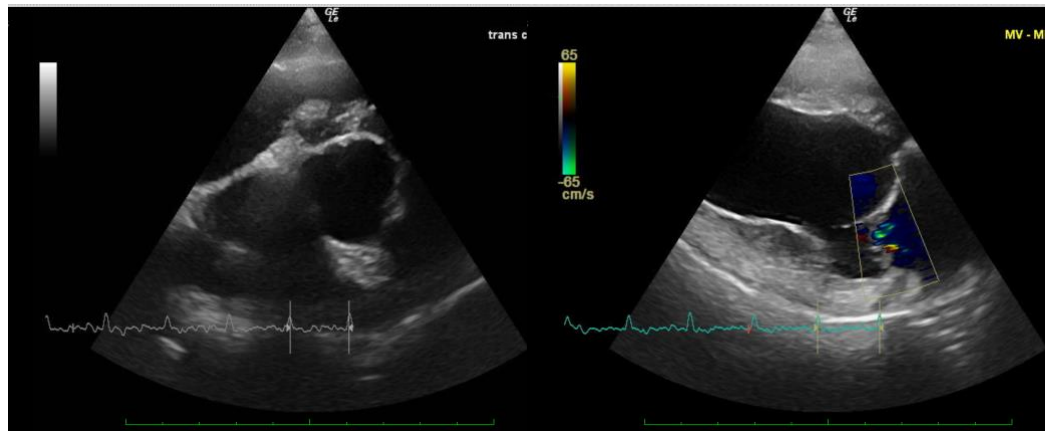
INVOICE

35073

DATE

12/23/25

The patient has degenerative valve disease ACVIM stage B1 and no cardiac medications are indicated at this time. Since this can be a progressive condition, serial monitoring is recommended. A recheck echocardiogram is recommended in 6 months. A sooner recheck is recommended if the patient develops cardiovascular clinical signs or the heart murmur is worsening in intensity. Elective anesthetic procedures should be well tolerated.



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.

Sara Brethel DVM, DACVIM (Cardiology)

info@SonoPath.com