



PATIENT

Daisy Oudshoorn

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

12 Years

WEIGHT

9.4 pounds

INTERPRETED BY

Sara Brethel DVM,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Dr. Julia Bakker DVM

HOSPITAL NAME

Orange Blossom
Veterinary Imaging

REFERRING VET

Dr. Ashley Sorice DVM

INVOICE

14231

DATE

03/10/26

PRESENTING CLINICAL SIGNS

- Grade 3/6 murmur PMI L apex
- Pre-anesthetic screening for dentistry

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	5.55	3.0	1.79	1.84	46.15	--	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	NM	1.49	0.73	4.27	2.79	2.6	1.4

Cardiac Presentation

The mitral valve leaflets are mildly thickened with mild mitral regurgitation posteriorly directed. There is **no** prolapse of the mitral valve leaflet. The left atrial size is moderately increased. 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 B2.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient is at a mildly increased risk for elective anesthetic procedures. I recommend being on Pimobendan for at least 1-3 weeks prior to elective anesthetic procedures.

Judicious perioperative fluids are recommended due to the increased left atrial size. Medications like



PATIENT

Daisy Oudshoorn

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

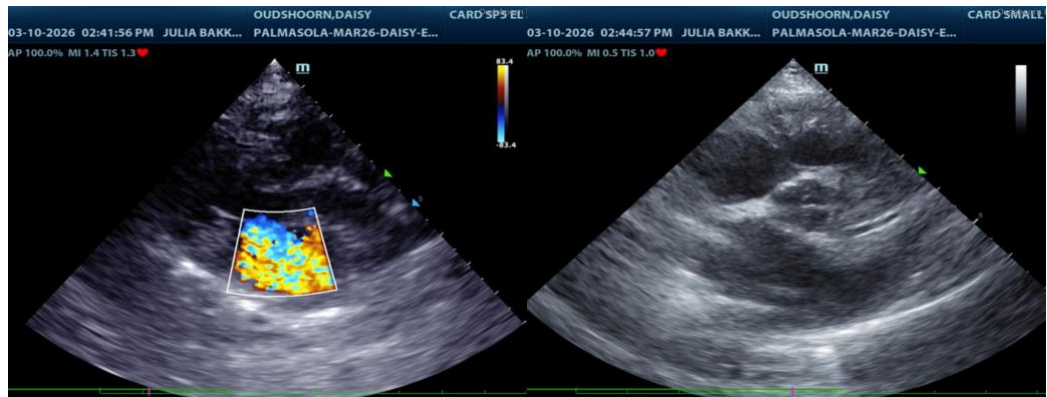
12 Years

WEIGHT

9.4 pounds

dexmedetomidine and other alpha 2 agonists are best avoided. Ketamine is also best avoided. If needed, anticholinergics can be used in the face of a clinically significant bradyarrhythmia (i.e., bradycardia with concurrent hypotension). If the patient is on an ACEi, recommend not giving this therapy the day of anesthesia.

Recommend obtaining a blood pressure on the patient to ensure it is <160mmHg. If the blood pressure is elevated recommend following ACVIM guidelines for systemic hypertension and treating if indicated.



INTERPRETED BY

Sara Brethel DVM, DACVIM (Cardiology)

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)

IMAGING PERFORMED BY

Dr. Julia Bakker DVM

info@SonoPath.com

HOSPITAL NAME

Orange Blossom Veterinary Imaging

REFERRING VET

Dr. Ashley Sorice DVM

INVOICE

14231

DATE

03/10/26