



PATIENT

Bella Katz

SPECIES

Canine

BREED

Poodle Mix

SEX

Spayed Female

AGE

13 Years 7 Months

WEIGHT

14.8 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

VCA Morris Plains

REFERRING VET

Dr. Burke

INVOICE

35949

DATE

12/17/25

PRESENTING CLINICAL SIGNS

History: Coughing at home. Grade 2/6 heart murmur.

Abnormal PE/Chem/CBC/UA Results: Mild ^ SDMA< Chest rads- enlarged left atrium, left ventricle and right ventricle @ degree to chronic mitral/ tricuspid insufficiency.

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	5.01	2.91	2.77	1.89	51	84	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	173	1.59	0.78	14.8 lbs	3.79	3.66	1.80

Cardiac Presentation

The mitral valve leaflets are moderately thickened with severe mitral regurgitation posteriorly directed. There is moderate prolapse of the mitral valve leaflets. The left atrial size is moderately increased. Left ventricular internal dimensions during diastole are increased 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 insufficiency. There is severe 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

- Myxomatous mitral valve disease, stage B-2
- Concomitant tricuspid valve regurgitation



PATIENT

- Severe mitral valve regurgitation
- Severe aortic insufficiency

Bella Katz

SPECIES

Canine

BREED

Poodle Mix

SEX

Spayed Female

AGE

13 Years 7 Months

WEIGHT

14.8 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

VCA Morris Plains

REFERRING VET

Dr. Burke

INVOICE

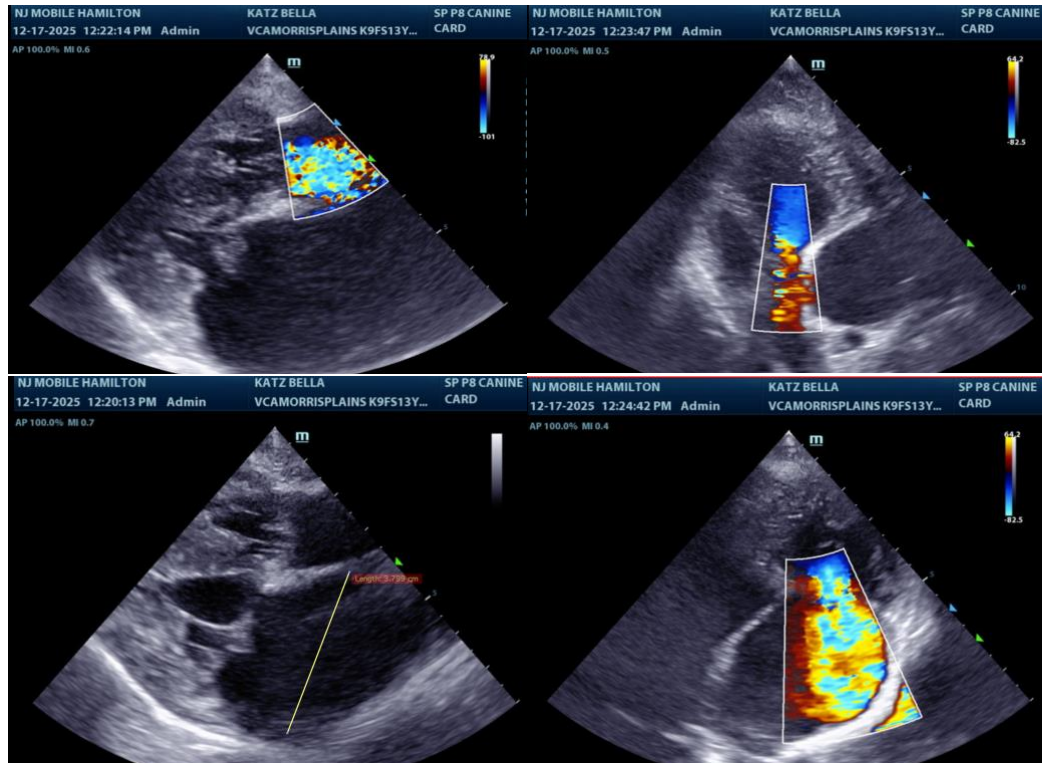
35949

DATE

12/17/25

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient has degenerative valve disease ACVIM stage B2 and pimobendan therapy at 0.27-0.32mg/kg PO q12 is recommended. This will be a lifelong therapy. A recheck echocardiogram is recommended in 4-6 months to monitor the condition since starting pimobendan. A sooner recheck is recommended if the patient develops cardiovascular clinical signs or the heart murmur is worsening in intensity. 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.





PATIENT

Bella Katz

SPECIES

Canine

BREED

Poodle Mix

SEX

Spayed Female

AGE

13 Years 7 Months

WEIGHT

14.8 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebecca Hamilton

HOSPITAL NAME

VCA Morris Plains

REFERRING VET

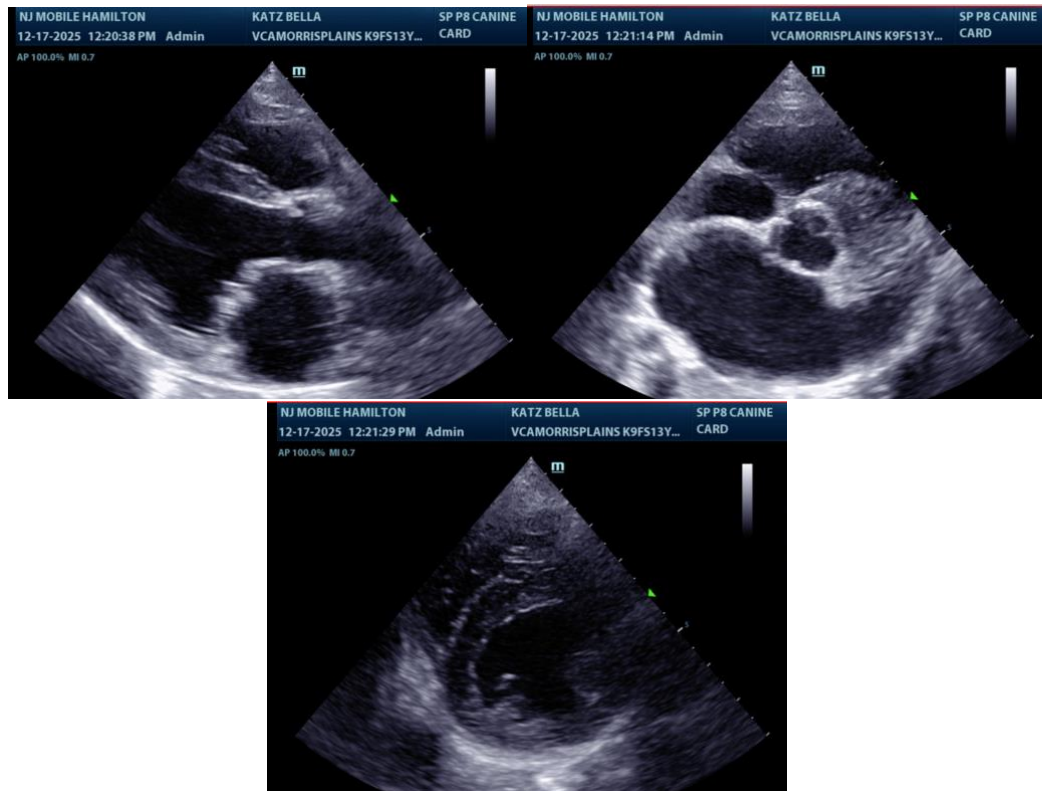
Dr. Burke

INVOICE

35949

DATE

12/17/25



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.

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

info@SonoPath.com