



PATIENT

Cocoa Carter

SPECIES

Canine

BREED

Chihuahua

SEX

FS

AGE

14 y

WEIGHT

4.4 lb

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Andrea Nicastro, DVM,
DACVIM

HOSPITAL NAME

Dunes VC

REFERRING VET

Dr. Soileau

INVOICE

DATE

12/5/25

PRESENTING CLINICAL SIGNS

Grade 4/6 murmur. Radiographic cardiomegaly.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

There is moderate to severe left atrial dilation. The mitral valve leaflets are thickened and exhibit mild systolic prolapse. A moderate to severe jet of mitral regurgitation is present. There is moderate to severe left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve appear normal, though trace aortic insufficiency is present. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve appear normal, though trace pulmonic insufficiency is present. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus arrhythmia

LA - 24.2 mm
LVIDd - 23.5 mm
LVIDs - 6.7 mm
FS - 71.5%
RA - 10.1 mm
LVOT - 2.00 m/s
RVOT - 0.76 m/s
TR - 2.70 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral (stage B2) and tricuspid (stage B1) valve disease

This examination demonstrates regurgitation of blood across Cocoa's mitral and tricuspid valves resulting from degenerative valve disease. Cocoa's tricuspid valve disease is mild, and appears to be well-compensated at this time. Her mitral valve disease is more advanced, as Cocoa has moderate to severe mitral regurgitation present, with moderate to severe secondary dilation of both her left atrium and left ventricle, though her left ventricular systolic function is well-preserved. While I don't appreciate evidence of left-sided congestive heart failure in Cocoa's radiographs, she is at fairly high risk for its development, therefore, careful monitoring of her respiratory rate/effort is recommended. Cocoa's radiographs do show narrowing of her mainstem bronchi and trachea, therefore, careful monitoring for coughing is recommended. Cocoa's mitral valve disease also puts her at risk for the development of exercise intolerance and syncope, therefore, careful monitoring for these signs is recommended.

I recommend starting Cocoa on pimobendan (0.625 mg BID), as this medication should help to slow the progression of her valvular diseases.

A recheck echocardiogram is recommended in 6 months. Recheck thoracic radiographs are recommended if Cocoa experiences difficulty breathing.



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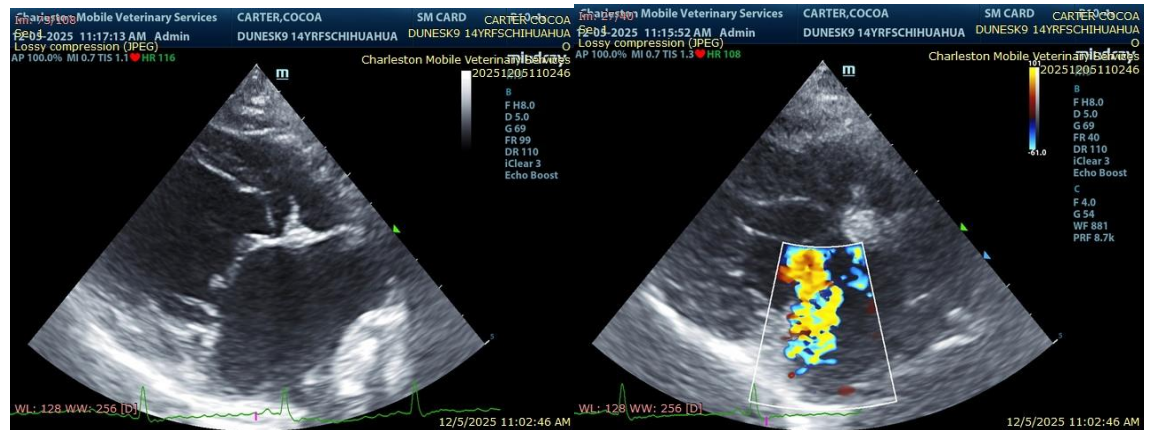
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Keith Blass, DVM, MS, DACVIM (Cardiology)

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