



PRESENTING CLINICAL SIGNS

History: Previously diagnosed with degenerative valve disease. Coughing. Radiographs show cardiomegaly. Receiving pimobendan 1.25 mg BID and enalapril 1.25 mg SID.

DATE

3/7/23

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

PERFORMED BY:

Shari Reffi, CVT

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened and exhibit systolic prolapse. There is Doppler evidence of mitral regurgitation present. There is mild to moderate left ventricular dilation. Left ventricular systolic function is hyperdynamic. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though trace tricuspid regurgitation is present. The pulmonary artery and pulmonary are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Teddy Coro

LA – 23.2 mm
LVIDd – 23.3 mm
LVIDs – 12.3 mm
FS – 47%
LVOT – 0.88 m/s
RVOT – 0.95 m/s

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral valve disease

SPECIES

Canine

This examination demonstrates regurgitation of blood across Teddy's mitral valve resulting from his previously diagnosed degenerative valve disease. Secondary to his regurgitation, Teddy has mild to moderate dilation of both his left atrium and left ventricle, though his left ventricular systolic function is well-preserved. While I can't rule out a cardiac contribution to Teddy's cough, the absence of more significant left atrial dilation suggests that mainstem bronchial compression is unlikely to be the primary cause. Teddy's mitral valve disease is still compensated, however, he is at risk for the development of exercise intolerance, syncope, and labored breathing, therefore, careful monitoring for these signs is recommended.

BREED

Yorkie

SEX

M

I recommend adding hydrocodone (0.625 mg PRN, up to every 6 hours) to Teddy's current therapy with pimobendan and enalapril, as this medication should help to improve his cough. Should the cough persist, a trial with furosemide (3.125 mg BID) may be warranted.

AGE

13 y

A recheck echocardiogram is recommended in 9 months. Repeat radiographs are recommended if Teddy experiences labored breathing.

WEIGHT

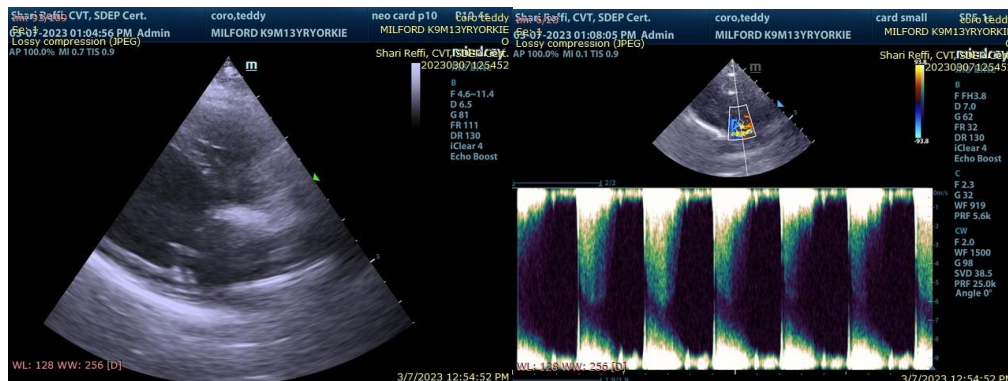
6 lb

HOSPITAL NAME

Milford AH

REFERRING VET

Dr. Grasso





DATE The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.
3/7/23

PERFORMED BY: 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.

Shari Reffi, CVT

INTERPRETED BY Keith Blass, DVM, MS, DACVIM (Cardiology)
KeithBlass@gmail.com
631-804-5754

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Teddy Coro

SPECIES

Canine

BREED

Yorkie

SEX

M

AGE

13 y

WEIGHT

6 lb

HOSPITAL NAME

Milford AH

REFERRING VET

Dr. Grasso