



PRESENTING CLINICAL SIGNS

DATE History: Grade 4/6 murmur, cough, pulmonary crackles. Radiographs show left-sided cardiomegaly and pulmonary edema. Just started on furosemide 6.25 mg BID and pimobendan 3.75 mg BID.
7/27/23

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY: 2D, M-mode, and Doppler study.
Dr. Seth Mitchell

INTERPRETED BY: There is mild to moderate left atrial dilation. The mitral valve leaflets are thickened, and there is Doppler evidence of mitral regurgitation present. There is moderate left ventricular dilation. Left ventricular systolic function is mildly 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 there is Doppler evidence of tricuspid regurgitation present. TR velocity does not suggest the presence of pulmonary hypertension. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.
Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT LA/Ao - 1.96
Arabella Miller LVIDd - 42.8 mm
LVIDs - 24.7 mm
FS - 42.3%
LVOT - 2.04 m/s
RVOT - 1.82 m/s
TR - 2.77 m/s

SPECIES Canine
ASSESSMENT/RECOMMENDATIONS
Degenerative mitral and tricuspid valve disease

BREED This examination demonstrates regurgitation of blood across Arabella's mitral and tricuspid valves resulting from degenerative valve disease. Arabella's tricuspid valve disease is mild, and appears to be well-compensated at this time. His mitral valve disease is more advanced, as Arabella has mild to moderate secondary dilation of his left atrium and moderate dilation of his left ventricle, though his left ventricular systolic function is well-preserved. Given the presence of mild to moderate left atrial dilation, it does not come as much of a surprise that Arabella appears to have experienced an episode of left-sided congestive heart failure.
Min. Schnauzer

SEX Arabella's current medications appear to be appropriate, though I recommend increasing his furosemide dose to 30 mg BID. Should Arabella's crackles and cough improve and furosemide is to be used long-term, the addition of enalapril (7.5 mg BID) and spironolactone (25 mg am, 12.5 mg pm) would also be warranted.
MN

AGE 10 y
Recheck radiographs and a renal/electrolyte profile are recommended in 1-2 weeks. A recheck echocardiogram is recommended in 9 months.

WEIGHT
34.5 lb

HOSPITAL NAME
Mobile Veterinary
Imaging

REFERRING VET
Dr. Mitchell



DATE

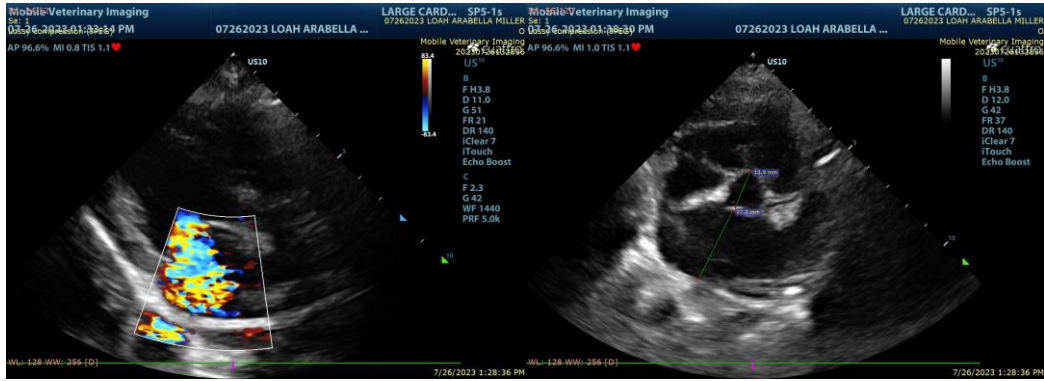
7/27/23

PERFORMED BY:

Dr. Seth Mitchell

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)



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.

PATIENT

Arabella Miller

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.

SPECIES

Canine

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

BREED

Min. Schnauzer

SEX

MN

AGE

10 y

WEIGHT

34.5 lb

HOSPITAL NAME

Mobile Veterinary
Imaging

REFERRING VET

Dr. Mitchell