



PRESENTING CLINICAL SIGNS

DATE History: Acute onset tachypnea, respiratory distress, coughing. Pale mucous membranes.

7/13/23 **ECHOCARDIOGRAPHIC FINDINGS**
2D and M-mode study.

PERFORMED BY: Left atrial size is normal. The mitral valve leaflets are mildly thickened, and a mild jet of mitral regurgitation is present. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions appear 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 are normal. No pericardial effusion or cardiac masses are seen.

Sara Hansen

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

PATIENT

Lulu Tracey

LA - 36.3 mm
LVIDd - 36.0 mm
LVIDs - 21.6 mm
FS - 40%
RA - 31.0 mm
LVOT - 1.67 m/s
RVOT - 1.06 m/s
TR - 2.57 m/s

SPECIES

Canine

ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

BREED

Bulldog

This examination demonstrates mild regurgitation of blood across Lulu's mitral and tricuspid valves resulting from degenerative valve disease. The hemodynamic effects of the regurgitations also appear to be mild, as Lulu does not have secondary dilation of any of her cardiac chambers, and her ventricular systolic function is normal. As such, Lulu's valvular diseases appear to be well-compensated, and it's very unlikely that they are contributing to her current respiratory clinical signs.

SEX

Thoracic radiographs are recommended to further evaluate Lulu's respiratory clinical signs.

FS

No therapy appears to be indicated at this stage of Lulu's valvular diseases.

AGE

7 y

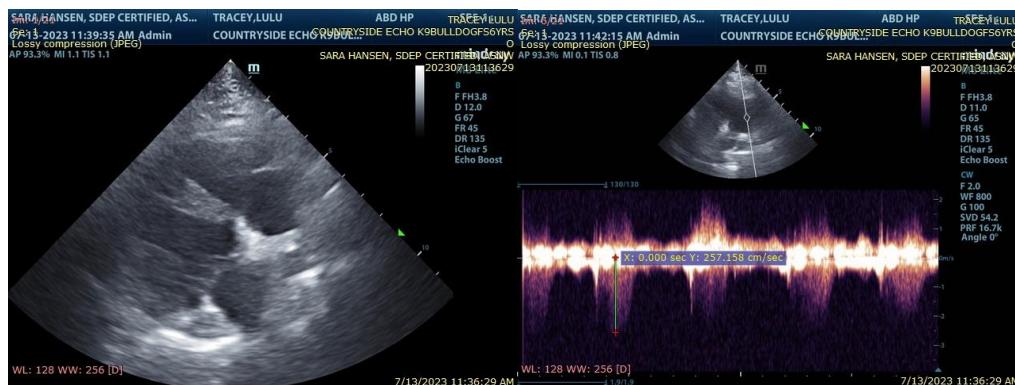
A recheck echocardiogram is recommended in ~6 months to monitor for disease progression.

WEIGHT

63 lb

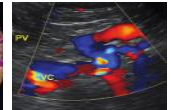
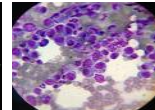
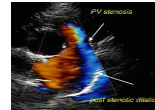
HOSPITAL NAME

Countryside AC



REFERRING VET

Dr. Cox



DATE

7/13/23

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.

PERFORMED BY:

Sara Hansen

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.

INTERPRETED BY

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(Cardiology)

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Lulu Tracey

SPECIES

Canine

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Bulldog

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