



PATIENT

Duncan Lankester

SPECIES

Canine

BREED

Bernese Mtn. Dog

SEX

MN

AGE

10 y

WEIGHT

110 lb

PRESENTING CLINICAL SIGNS

Coughing, breathing heavy since 1/10/26. PE on 1/16 – fuller abdomen, louder breathing, increased expiratory effort, mm darker pink. Today, breathing improved but anorexic, abdominal no longer bloated. Radiographs showed pleural effusion, possible right atrial mass, peritoneal effusion. Receiving furosemide 100 mg SQ BID, Cerenia, and mirtazapine.

ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study.

Left atrial size is normal. The mitral valve is normal. Left ventricular dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve appear normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve leaflets are mildly thickened, and a mild jet of tricuspid regurgitation is present. The pulmonary artery and pulmonic valve appear normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen. Moderate pleural effusion is present.

LA – 33.6 mm
LVIDd – 33.2 mm
LVIDs – 19.9 mm
FS – 40%
RA – 29.0 mm

INTERPRETED BY

Keith Blass, DVM, MS,
DACVIM (Cardiology)

IMAGING PERFORMED BY

Amanda Stewart

HOSPITAL NAME

The Maples AH

REFERRING VET

Dr. Kazienko

INVOICE

DATE

1/19/26

ASSESSMENT/RECOMMENDATIONS

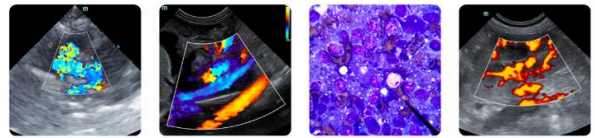
Degenerative tricuspid valve disease

This examination demonstrates mild regurgitation of blood across Duncan's tricuspid valve resulting from degenerative valve disease. The hemodynamic effects of the regurgitation also appear to be mild, as Duncan does not have secondary dilation of either of his right heart chambers. As such, Duncan's tricuspid valve disease does not appear to be the cause of his pleural effusion.

Thoracocentesis is recommended, and samples of effusion should be submitted for analysis/cytology. If no cause is identified, consideration can be given to thoracic CT.

No therapy is recommended at this stage of Duncan's tricuspid valve disease, though, whether furosemide should be continued depends on what the underlying cause of his effusion is.

A recheck echocardiogram is recommended in 6-9 months.



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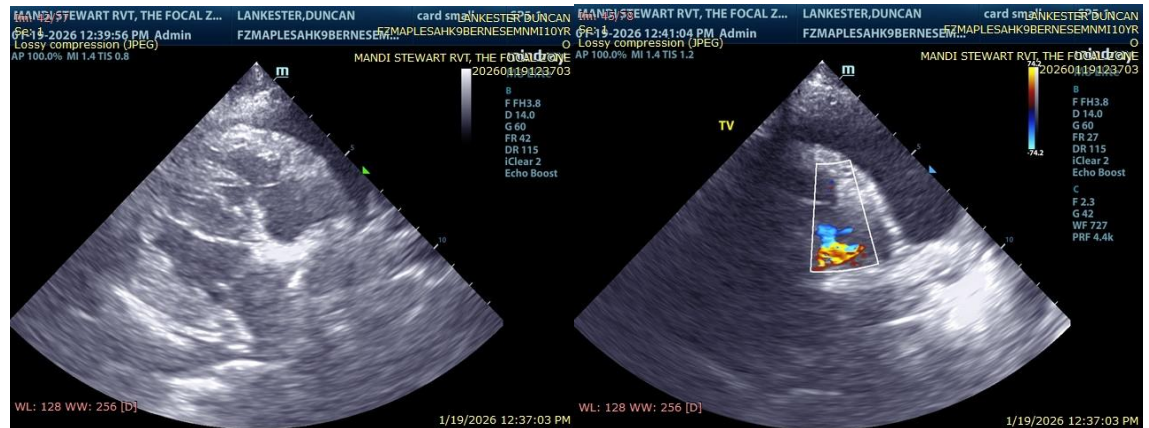
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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