
PRESENTING CLINICAL SIGNS
DATE

9/2/22

History: Presented for labored breathing. POCUS showed B-lines and pleural effusion. Thoracocentesis removed 20 ml of straw-colored effusion. Radiographs showed cardiomegaly and pulmonary edema. Started on furosemide CRT, pimobendan, and clopidogrel. Recheck radiographs showed significant improvement.

ECHOCARDIOGRAPHIC FINDINGS
PERFORMED BY:

2D, M-mode, and Doppler study.

Tom McNeill

INTERPRETED BY

 Keith Blass, DVM,
 MS, DACVIM
 (Cardiology)

There is mild to moderate left atrial dilation. The mitral valve appears normal, though trace mitral regurgitation is present. Left ventricular wall thickness is normal. The left ventricular diastolic dimension is normal. Left ventricular systolic function is moderately depressed. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve is normal. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No heartworms are visualized. No pericardial effusion or cardiac masses are seen.

PATIENT

Prince Dille

LA/Ao - 1.83
 IVSd - 4.3 mm
 LVPWd - 14.4 mm
 LVIDd - 10.6 mm
 LVIDs - 41.3 mm
 FS - 26.4%
 RA - 11.1 mm
 LVOT - 0.85 m/s
 RVOT - 1.25 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS
BREED

DSH

SEX

MN

AGE

10 y

WEIGHT

3.2 kg

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

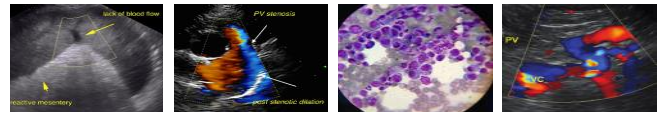
Dr. Iorgovan

This examination demonstrates moderate depression of Prince's left ventricular systolic function, with differentials for this finding including a primary cardiomyopathy, taurine-deficiency cardiomyopathy, and myocarditis. Secondary to his myocardial dysfunction, Prince has mild to moderate dilation of his left atrium. Given this dilation, as well as Prince's positive response to diuretic therapy, it appears likely that his pulmonary edema and pleural effusion are the result of the development of left-sided congestive heart failure (CHF). In addition to CHF, Prince is at risk for cardiac thrombus formation with secondary thromboembolic disease and arrhythmia formation, therefore, careful monitoring for the development of clinical signs associated with these is recommended.

A taurine level is recommended, and taurine supplementation (250 mg BID) would be warranted if a deficiency is documented.

Recommended maintenance therapy includes furosemide (1-2 mg/kg BID), enalapril (1.25 mg BID), pimobendan (1.25 mg am, 0.625 mg pm), and clopidogrel (18.75 mg SID).

A renal/electrolyte profile is recommended in 1-2 weeks. A recheck echocardiogram is recommended in 6 months. Repeat radiographs are recommended any time Prince experiences difficulty breathing.



DATE

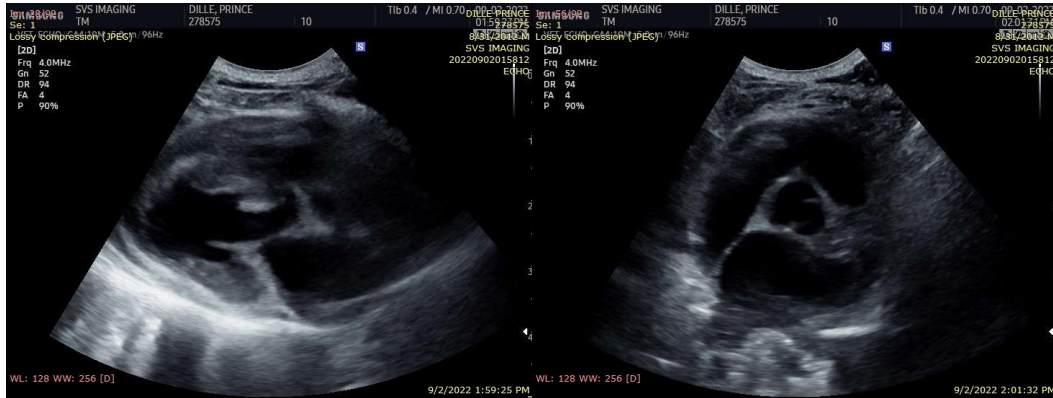
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

PATIENT

Prince Dille

Keith Blass, DVM, MS, DACVIM (Cardiology)
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631-804-5754

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