



PRESENTING CLINICAL SIGNS

DATE

8/9/22

History: Presented on 8/7 for a urethral obstruction. Catheter placed to relieve obstruction, but a mild amount of free fluid was seen afterwards, concerning for a possible urethral laceration. While hospitalized, a new grade 2/6 murmur was ausculted. Abnormal SNAP BNP. FAST scan identified pleural effusion.

ECHOCARDIOGRAPHIC FINDINGS

PERFORMED BY:

Tom McNeill

2D, M-mode, and Doppler study.

INTERPRETED BY

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

Left atrial size is normal. The mitral valve leaflets are thickened and exhibit mild systolic prolapse. A mild to moderate jet of eccentric mitral regurgitation is present. Left ventricular wall thickness is normal. Left ventricular internal dimensions are normal. Left ventricular systolic function is normal. The aorta and aortic valve are normal. Right atrial and right ventricular dimensions are normal. The tricuspid valve appears normal, though very mild tricuspid regurgitation is present. The pulmonary artery and pulmonic valve are normal. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen. A moderate volume of pleural effusion is present.

PATIENT

Ziggy Klomberg

LA - 15.0 mm
LA/Ao - 1.49
IVSd - 4.2 mm
LVPWd - 4.0 mm
LVIDd - 12.5 mm
LVIDs - 7.6 mm
FS - 39%
RA - 11.9 mm
LVOT - 0.75 m/s
RVOT - 0.68 m/s

SPECIES

Feline

ASSESSMENT/RECOMMENDATIONS

BREED

DSH

This examination demonstrates very mild regurgitation of blood across Ziggy's tricuspid valve. The hemodynamic effects of the regurgitation also appear to be mild, as Ziggy does not have secondary dilation of either of his right heart chambers. Given the absence of right atrial dilation, it appears unlikely that Ziggy's pleural effusion is cardiogenic in origin.

SEX

MN

Thoracocentesis is recommended, and samples of effusion should be submitted for analysis/cytology/culture.

AGE

22 mo

No therapy is recommended based on Ziggy's echocardiogram, however, diuretic therapy could potentially be indicated depending on the underlying cause of Ziggy's pleural effusion.

A recheck echocardiogram is recommended in 12 months, sooner if new clinical signs compatible with cardiac dysfunction develop.

WEIGHT

3.71 kg

HOSPITAL NAME

SVS Imaging CT

REFERRING VET

Dr. Keller



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MN

KeithBlass@gmail.com

631-804-5754

AGE

22 mo

WEIGHT

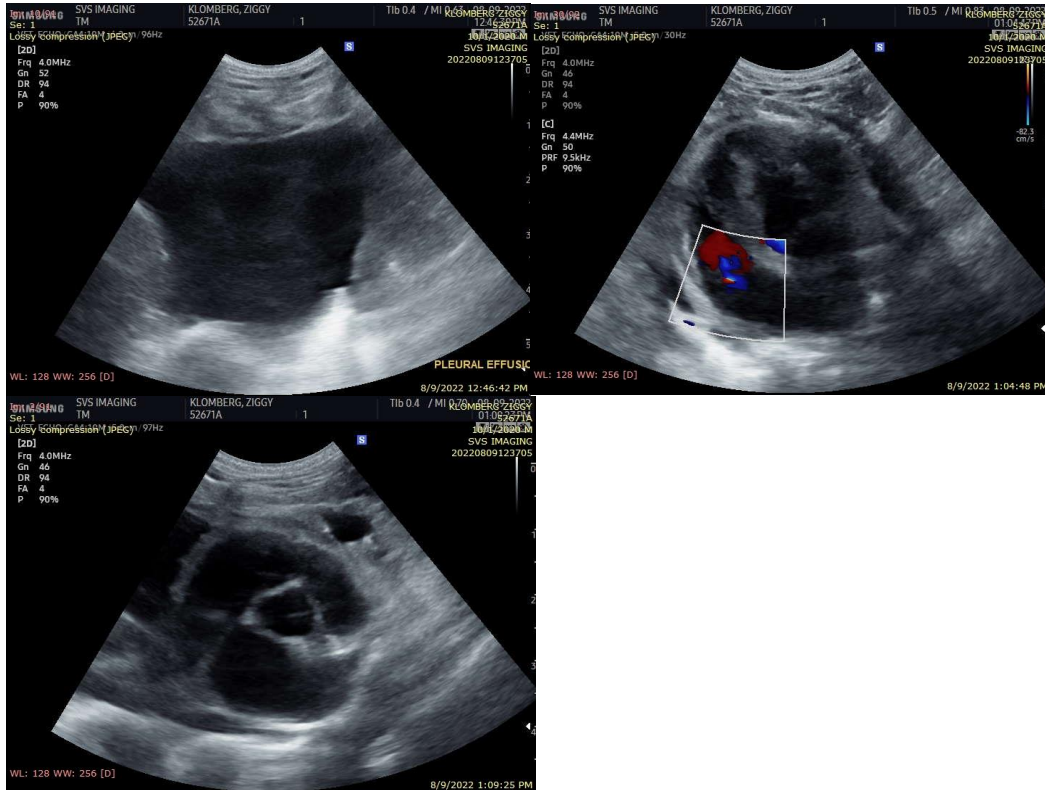
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.