



## PATIENT

Ryland Drum

## SPECIES

Canine

## BREED

English Cocker Spaniel

## SEX

MI

## AGE

10 y

## WEIGHT

45.6 lb

## INTERPRETED BY

Keith Blass, DVM, MS,  
DACVIM (Cardiology)

## IMAGING PERFORMED BY

Kathleen Byrnes

## HOSPITAL NAME

Monroe Road AH

## REFERRING VET

Dr. Fackrell

## INVOICE

## DATE

5/1/26

## PRESENTING CLINICAL SIGNS

Recheck degenerative valve disease. Receiving furosemide, pimobendan (7.5 mg BID), and hydrocodone.

## ECHOCARDIOGRAPHIC FINDINGS

2D, M-mode, and Doppler study. This exam is compared to the one performed 9/26/25.

There is moderate, approaching moderate to severe, left atrial dilation. The mitral valve leaflets are mildly thickened, and a severe jet of eccentric mitral regurgitation is present. There is moderate, approaching moderate to severe, left ventricular dilation. Left ventricular systolic function is normal. 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 very mildly thickened, and a very 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 heartworms are visualized. No shunting lesions are visualized. No pericardial effusion or cardiac masses are seen.

ECG during echo: Sinus rhythm

LA - 47.3 mm (prev. 47.2 mm)

LVIDd - 48.7 mm (prev. 47.4 mm)

LVIDs - 28.2 mm (prev. 28.5 mm)

FS - 42.1% (prev. 39.9%)

RA - 22.2 mm (prev. 22.9 mm)

LVOT - 1.51 m/s (prev. 1.56 m/s)

RVOT - 0.71 m/s (prev. 0.71 m/s)

TR - 2.60 m/s (prev. 2.78 m/s)

## ASSESSMENT/RECOMMENDATIONS

Degenerative mitral and tricuspid valve disease

This examination is very similar to Ryland's most recent echocardiogram 7 months ago. Given this, Ryland's risk for the development of clinical signs secondary to his mitral valve disease, such as coughing, exercise intolerance, syncope, and labored breathing, has not increased, though is still high, and careful monitoring for these is recommended.

No change in therapy is recommended at this time as long as Ryland is currently doing well.

A recheck echocardiogram is recommended in 6-9 months. Thoracic radiographs are recommended if Ryland experiences respiratory clinical signs.



### PATIENT

Ryland Drum

### SPECIES

Canine

### BREED

English Cocker Spaniel

### SEX

MI

### AGE

10 y

### WEIGHT

45.6 lb

### INTERPRETED BY

Keith Blass, DVM, MS,  
DACVIM (Cardiology)

### IMAGING PERFORMED BY

Kathleen Byrnes

### HOSPITAL NAME

Monroe Road AH

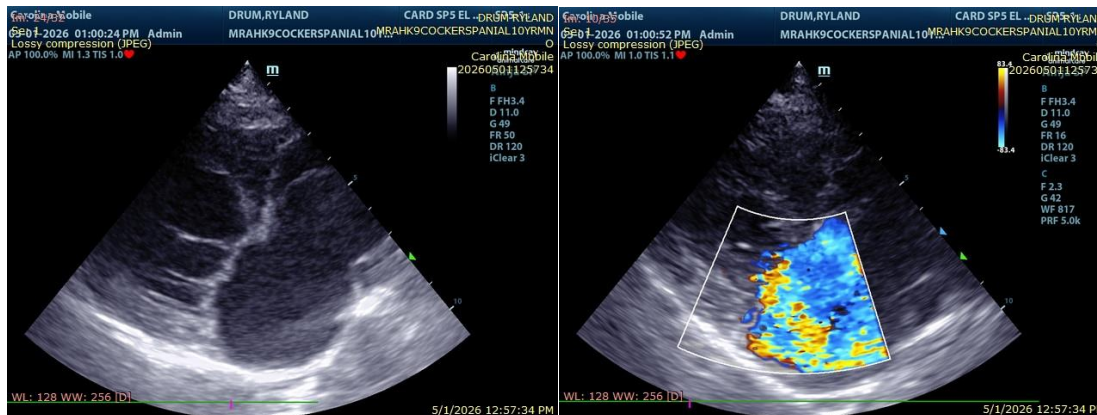
### REFERRING VET

Dr. Fackrell

### INVOICE

### DATE

5/1/26



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)

[info@SonoPath.com](mailto:info@SonoPath.com)