



### PRESENTING CLINICAL SIGNS

**DATE** History: Arrhythmia noted during PE. History of degenerative valve disease. Receiving pimobendan 6.25 mg BID.

12/17/21

### ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

### PERFORMED BY:

HR: 140 bpm

Jenna Walsh, CVT

Rhythm: Sinus with VPCs and an APC

### INTERPRETED BY

The underlying rhythm is sinus in origin. All sinus complex amplitudes and intervals are within normal limits. There are occasional single monomorphic VPCs present, as well as a single APC. No conduction blocks are seen.

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

### ASSESSMENT/RECOMMENDATIONS

Ventricular premature complexes (VPCs)

Atrial premature complex (APC)

### PATIENT

Dexter Byrne

Dexter's ECG demonstrates the presence of occasional VPCs and a single APC, and it's likely that his arrhythmias are secondary to his mitral valve disease. Dexter's arrhythmias appear to be mild, indicating that his current risk for the development of clinical signs secondary to them, appears to be low, however, careful monitoring for progression is recommended, as a more advanced arrhythmia could put Dexter at risk for exercise intolerance, syncope, or even sudden death.

### SPECIES

Canine

Given how mild Dexter's arrhythmias are in this recording, no specific antiarrhythmic therapy is recommended at this time, however, consideration can be given to starting him on an omega-3 supplement (EPA ~40 mg/kg, DHA ~25 mg/kg once daily), as this has been shown to possess some antiarrhythmic properties in dogs.

### BREED

Greyhound Mix

A recheck ECG is recommended in 2 months, sooner if clinical signs compatible with an arrhythmia develop.

### SEX

MN

### AGE

8 y

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.

### WEIGHT

50.6 lb

Keith Blass, DVM, MS, DACVIM (Cardiology)

KeithBlass@gmail.com

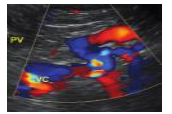
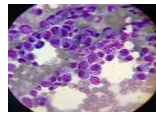
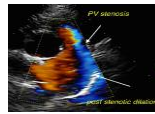
631-804-5754

### HOSPITAL NAME

Countryside  
Veterinary Services

### REFERRING VET

Dr. Eichmann



**DATE**

12/17/21

**PERFORMED BY:**

Jenna Walsh, CVT

**INTERPRETED BY**

Keith Blass, DVM,  
MS, DACVIM  
(Cardiology)

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Dexter Byrne

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